

PICK RESOURCES GUIDE

Alan Pritchard

PICK RESOURCES GUIDE

A guide to

Hardware

Software

Services

Literature

Companies

in the U.K., European and Australasian PICK marketplaces.

ALAN PRITCHARD

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1. INTRODUCTORY MATERIAL

1.1. Foreword by Pick Systems

The United Kingdom and Australia comprise two of the strongest markets for PICK-based products. However, the diversity of available hardware and software can bewilder a prospective purchaser seeking to make an informed decision regarding his investment.

As an independent observer of the PICK marketplace, Mr Pritchard has provided the manager or director with a starting point for gathering information in the decision-making process. The GUIDE will save many hours of research and enable the decision-maker to initiate appropriate enquiries to respective vendors.

PICK Systems believes that the PICK RESOURCES GUIDE is a valuable contribution satisfying the growing demand for information on the PICK Operating System, PICK vendors and their products.

Frank Petyak
(National Sales Manager, Pick Systems)

1.2. Acknowledgements

This guide could not, of course, have been compiled without the willing co-operation of the companies who are operating within the PICK marketplace. My thanks must go then to everyone who has written to me, returned a questionnaire, talked to me on the phone, or supplied publicity literature.

There are a number of companies and individuals, however, whose support has been extensive and it is only right that they should be acknowledged publicly. I am particularly grateful to Aston Technology Ltd (Kim Jones and Roger Bourdon), Crocus Marketing (Chris Holman), I-Data plc (David Edkins and Andrew McAuley), McDonnell Douglas Information Systems Ltd (Ben Garner), Sanderson Computers Ltd (Paul Thompson), Unison Technology plc (Neil Ratcliffe), Universal Computers Ltd (Jim Allen and Mike Freer).

No book can be written without the support of one's family and this has been especially true of my wife, Lesley, to whom many thanks are due.

1.3. Introduction to the Guide

General

This first edition of the PICK Resources Guide represents a major step forward for actual and potential PICK users and suppliers.

For the first time, a single source identifies the hardware which runs the PICK operating system, the software available on that PICK-based hardware and the companies which offer services within the PICK marketplace. The Guide also provides a full bibliography on PICK, together with a detailed index to all the categories mentioned.

Purpose of the Guide

It is my hope that the existence of this Guide will provide a stimulus to the further development of PICK within the United Kingdom (and other countries as well). The Guide will serve the needs of four major groups of users within the PICK marketplace:

(a) potential users, who may have heard of PICK as a possible solution to their business or academic problems. By using the Guide, they will be able to find out who can supply hardware which will meet their requirements (whether these be couched in terms of cost, memory or terminal support), who can supply appropriate general business or vertical market software and who can carry out consultancy and programming work when necessary.

(b) existing users of PICK systems, who will easily be able to identify hardware, software and companies able to meet their future requirements for upgrades and new applications.

(c) PICK dealers, who will be able to identify software and hardware which can meet the requirements of their customers and which can form a part of their own package of available software.

(d) PICK manufacturers and distributors who can offer their dealers a greater level of support in respect of available software which may run on their machines.

It has become quite clear from enquiries made to me, in the course of compiling this Guide, that the Guide will serve all these functions and will be able to answer questions on e.g. the availability of PERT/CPM software.

Even though the Guide contains information on some 700 items of software, I still cannot claim that the Guide is comprehensive. The marketplace is changing so fast that it is difficult to keep a printed work such as this up-to-date. Inevitably, also, I was not able to contact a number of companies. I have included incomplete details, however, as a deliberate policy. Future editions will attempt to track down the missing data (and to eliminate any companies who have ceased to operate within the PICK marketplace).

Even so, the fact that there are about 700 software items has surprised even some of the major PICK companies. It certainly will enable PICK-based companies to offer potential clients access to a wide range of PICK software and gives the lie to the statement that one sometimes sees that 'There is no software for PICK systems'.

Origins

The idea for this Guide stemmed from the situation in which I found myself as a potential user of PICK in mid-1984. From a number of articles in the computer press, it seemed that PICK might be a good solution to a new administrative computer system within a polytechnic. Finding information on PICK was very difficult, however and proved that PICK is indeed 'the best-kept secret in data processing'.

Existing directories failed to identify the ranges of either hardware and software (and the former would have been a very easy task). Many of them failed to even recognise the existence of PICK. For example, one national database of computer installations does not code PICK as an operating system.

Hence the need for this Guide, which has been compiled over the period from April to December 1985. It was intended originally to include only hardware, software and companies in the United Kingdom. However, a number of Australian companies heard of the Guide and I decided to extend the scope to include Europe and Australasia. It is intended to extend coverage further to make it a truly international Guide in future editions.

Future Plans for the Guide

It is intended that the *PICK Resources Guide* will be published annually. Future plans for the Guide centre around a number of improvements: (a) its extension to other areas of the world, (b) the provision of more information on software such as the number of copies sold, date of first sale, etc. (c) the provision of more information on companies such as the number of staff, date of formation, and a much more structured presentation of data on software and consultancy services offered, vertical market expertise and language and machine expertise.

Additions and Corrections

ALL additions and corrections to the *PICK Resources Guide* will be welcomed and should be addressed to the Editor, Alan Pritchard, at ALLM Books. It is intended to publish additions and corrections at regular intervals in an updating service.

1.4. PICK Operating System

This section is not intended to be a detailed introduction to the PICK operating system - that can be obtained from any one of the books and articles listed in the Bibliography.

The need for this Guide probably needs no justification in the eyes of the existing manufacturers, dealers and users of PICK. The idea of the Guide has been greeted with great enthusiasm and more software information has been contributed than many people realised was available.

Others who see the Guide may have heard of PICK, but not be aware of exactly what it is and why it is so important.

The PICK system is a unique combination of operating system and database management system. It is a business-oriented system which has a number of unusual built-in features (which in other systems need to be purchased as add-on and often sit uneasily within the operating system environment).

It is a quite exceptional system for a variety of reasons: its multi-user performance, the virtual memory management system, the ease of use and the wide range of application development tools which are available. Because of the control which Dick Pick has had over the various hardware implementations of the system, one of the most unusual features is the degree of portability of programs and files across a wide range of hardware. I believe this feature to be unique among all operating systems.

Dick Pick began to develop PICK in 1965 and it was originally implemented on Microdata equipment. Since that time it has been implemented on some 20 ranges of equipment - much of which is available on the U.K., European and Australasian markets.

The PICK family

Some 6 branches within what can be termed the 'PICK family' can be identified:

(a) The oldest are the systems marketed by Microdata (now McDonnell Douglas).

(b) There are the 19 Pick Systems licensees, with implementations on a wide range of hardware from the most popular M68000 chip through to IBM 30XX and Nixdorf mainframes.

(c) Pick Systems themselves have implemented versions for the PC/XT (IBM and compatibles) and the PC/AT (IBM and compatibles).

(d) In 1979, a PICK emulation was mounted on Prime computers and called INFORMATION.

(e) Another emulation is Revelation which operates under PC-DOS and MS-DOS. This appeared in about 1983.

(f) Finally, the OASIS operating system is a PICK-like system. This system is not covered within this Guide.

To the user, the remarkable feature of all these systems is their similarity and the fact that systems are transportable from one to the other. Not so easily to and from Prime and McDonnell Douglas as amongst the licensees' systems, but it is still relatively easy.

Major features of PICK

I do not intend to examine in any detail the technical features of PICK, such as the file structures or the memory management system - even though these are the ones which give PICK its unique power and performance.

The features that I will look at are those which the end-user would tend to be aware of:

ACCESS is the generalised data retrieval language. It uses a relatively English-like sentence containing verbs, file names, data selection criteria and modifiers to extract, list, sort, total etc. the data within a file. ACCESS is known under various titles depending upon the implementation e.g. ENGLISH (McDonnell Douglas), INFO/ACCESS (Mentor), INFORM (Prime), RECALL (Ultimate), R/LIST (Revelation). The language of ACCESS can be modified via the Master Dictionary to follow national languages and, for instance, the Inter technique version is called FRANCAIS. Other versions include ESPAGNOL and NIPPON-GO.

PICK/BASIC is a powerful extension of Dartmouth BASIC and provides many of the features available in languages such as Pascal, as well as having the facility to interact with ACCESS. PICK/BASIC is also known by various names, e.g. DATA/BASIC (McDonnell Douglas), INFO/BASIC (Prime), R/BASIC (Revelation).

The EDITOR is a line editor which can be used to create and/or modify any item in the system, including PICK/BASIC programs, PROCs, data files, file dictionaries. Alternative names include R/EDIT (Revelation).

PROCs are stored sequence of TCL operations which can be executed by means of a single command. A PROC can be a complex sequence of events (such as a LOGIN PROC) or may be a regularly used ACCESS command.

RUNOFF is a two-stage word processing system which takes text prepared with the EDITOR and produces formatted documents (including a table of contents and a back-of-book index). RUNOFF is a widely used system, having first been developed during the early 1960s by the Massachusetts Institute of Technology's Project MAC under the Compatible Time-Sharing System - one of the earliest open access multi-user systems. Since then it has been available on DEC and Prime equipment (at least) and has formed the basis for the Unix troff and nroff text processors.

TCL is the Terminal Control Language and is the primary interface between the user and the various system processors. One alternative name used is PERFORM (Prime).

The future of PICK

PICK is most often compared and contrasted with Unix, and there is no doubt that the latter is, perversely, the more popular system. As someone who has extensively used both systems (and is currently operating 3 PICK systems - Altos, C.Itoh and Revelation), there can be no doubt at all that PICK is far superior. It is more efficient, easier to extract data, has integral data management processors and has a wealth of applications development systems available. The use of the latter, together with PICK enable the user to develop complex systems incredibly rapidly. Unix, on the other hand, has little to commend it, being difficult to use, inelegant and lacking in effective software.

And yet... PICK remains the 'best-kept secret in data processing' (although perhaps less so than two or three years ago).

I think that the essential problem is that PICK is pre-eminently an end-users' tool. It is an effective non-procedural means of defining a simple or complex database, entering data and retrieving it again quickly. It has other virtues as well (the very good security has not been mentioned).

Unix on the other hand is a programmers' system. The only way to get anything useful for the end-user out of Unix is for a lot of programming work to be undertaken. It is the academics' and the programmers' tinker toy and reinforces their macho image, that only they, the professionals, can get anything out of a computer.

The PICK vs Unix debate is a reflection of the current tension between the centralised data processing department and the end-user department. The latter has found that in many cases they can do their work themselves, more effectively, using microcomputers and end-user tools such as database management systems or spreadsheets. Although PICK is available on large, mainframe systems, conceptually it belongs to the end-user end of the spectrum.

Unfortunately students going through universities and polytechnics tend not to be trained in effective and efficient computing for the real world, but in the systems which academics enjoy playing with, and data processing departments purchase or recommend systems which they *think* will reinforce their status - although whether inefficiency actually does this is open to question.

I hope that this Guide will help in some small way. By displaying the wide range of hardware (from 3-user to 255-user systems), software (over 700 packages in the U.K. etc. alone), and company infrastructure, it should help to make the point that PICK is a more mature system and dispel the *canard* that 'there is no software for PICK'.

The U.K. PICK community could do a lot more. Even though the individual companies are in competition, this does not preclude joint marketing efforts of PICK as a concept. A growing market can only benefit all companies. There are many precedents (e.g. the Milk Marketing Board, the Wool Council, the Brick Development Association), so why not a U.K. PICK Development Council?

Such a body could take a PICK stand at the major computer and vertical market exhibitions, could encourage companies to participate in local business exhibitions, could encourage staff to write for academic journals (these are notably lacking in the Bibliography), and, perhaps most importantly, would take the message to the universities and polytechnics. Aston Technology have made a start in this area by their donations of Revelation and System Builder, but much more needs to be done.

1.5. HOW TO USE THE PICK RESOURCES GUIDE

Contents

The *PICK Resources Guide* contains information on the following:

(a) **HARDWARE** which runs the PICK operating system and similar systems such as McDonnell Douglas, Prime and Revelation. It is primarily concerned with hardware which is sold on the U.K. market.

(b) **SOFTWARE** which runs under PICK. I have attempted to include all software available in the U.K. and also in Australasia and Europe.

(c) **COMPANIES** which offer services within the PICK marketplace in the U.K., Australasia and Europe.

(d) **PUBLICATIONS** on PICK (with no geographic limitations).

The data has been collected by means of contacting companies known (or believed) to be operating within the PICK marketplace. The companies concerned were asked for details of the hardware and software that they sold and the services that they offered. Full details are given of all companies where this is available. In a number of cases, it proved not to be possible to even trace the address of a company. Even incomplete information is given, however (this also applies to the Bibliography section, where I have included whatever details were available).

Companies were given the opportunity (during November 1985) to comment upon the draft entries relating to them and their products.

Structure of the Guide

The *PICK Resources Guide* is divided into 15 major sections which cover in turn: Hardware, Peripherals, Systems software, General business software, Financial and accounting software, Manufacturing software, Vertical market software, Training services, Software and consultancy services, Recruitment services, Maintenance services, User groups, Printed resources and a Company directory. The Guide is completed by a comprehensive Index.

Each entry in the Hardware and Software sections is based upon a model entry (although for any one item, not all attributes may be present). The next sections discuss some of the Sections in some detail.

Hardware Entries

The hardware model is as follows:

MANUFACTURER/LICENSEE:
DISTRIBUTOR(S):
AGENT(S):
PROCESSOR:
MEMORY RANGE:
DISC STORAGE RANGE:
TERMINAL SUPPORT:
PERIPHERALS:
COMMUNICATIONS:
BUNDLED SOFTWARE:
PRICE RANGE/SPECIMEN CONFIGURATION COSTS:
DESCRIPTION:

A number of special points need to be borne in mind when reading the entries relating to Hardware and these are discussed under each of the headings (where comment is needed).

MANUFACTURER/LICENSEE: This is the Pick Systems licensee. If the hardware is also manufactured in the U.K., or if there is a U.K. arm of the overseas company, then a U.K. company name will appear here as well, and the address will be given. United States companies with no U.K. subsidiary are identified by [USA] appearing after the name. The addresses of U.S. companies do not appear in the Company Directory

DISTRIBUTOR(S): I have tried to identify a distributor as a company which deals directly with the manufacturer and who in turn sells on to dealers (in other industries, such a company would tend to be called a wholesaler). Distributors may or may not have exclusive rights within a territory and some may also sell on to end-users. In general, I have accepted a company's designation of itself, although this has sometime been modified.

AGENTS: A dealer or agent is then a company who sells to end-users and who buys from a distributor. Again, I have generally accepted the description given by a company. Where companies have described themselves as dealers, then they have been included in the list.

The list of dealers given is dependent upon the responses given in the returned questionnaires and may not represent the complete list of dealers for a range of hardware - partly because the situation in respect of dealers is always changing and partly because some companies may not have actually said that they are dealers. In all cases, it is advisable to contact the manufacturer/licensee for a complete and up-to-date list of their dealers.

BUNDLED SOFTWARE: Bundling of software is very dependent upon the current market situation and a particular dealer who is wanting to market a value-added product. The list of software given under this heading is, again, an area where a potential purchaser needs to shop around.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS: Wherever possible, prices of equipment have been included as a guide to the cost of hardware as at the middle to end of 1985. Many companies took the opportunity to update price information as at November 1985.

Software entries

The model for software entries consists of the following headings:

NAME:
ORIGINATOR:
DISTRIBUTOR(S):
AGENTS:
AVAILABLE ON:
HARDWARE REQUIREMENTS:
PRICE:
DEVELOPMENT SYSTEM/LANGUAGE:
DESCRIPTION:

The special points relating to the software entries are as follows:

ORIGINATOR: The name of the company who first developed the software, or who now owns the rights to it. The general comments on the appearance of companies in the Company Directory which were made under hardware apply here.

DISTRIBUTOR(S): The Hardware comments apply.

AGENTS: The Hardware comments apply.

AVAILABLE ON: Specified equipment names which apply here have been drawn from questionnaire statements. In some cases, the comment has been explicitly made that the software runs on all PICK systems. The phrase "PICK - all" has been used to cover this situation. Two points need to be made, however: (a) because of the portability of PICK, it is probable that a piece of software could be transferred across, even when this statement does not appear, (b) the named systems are probably the ones in which either the originator or the agents have greater expertise.

HARDWARE REQUIREMENTS: Wherever possible, some indication of the amount of RAM and/or disc storage capacity has been given.

PRICE: The Hardware comments apply.

DEVELOPMENT SYSTEM/LANGUAGE: When an item of software is known to have been developed under a particular application development system or is written in a particular language, this fact has been noted. The question was not explicitly asked in the questionnaire, and the information was gained from publicity material or other sources.

PROGRAM SUITE: The name of the overall program suite is given here, when the item forms part of such a suite.

Training Section

The section on training services has attempted to identify those companies who have specialised in training. The user will notice, however that many of the companies listed in the Services Section also offer some element of training. In addition, this section lists a number of regular courses which are run.

Services Section

The general services section includes all companies who offer PICK hardware, software and systems services. Wherever possible, some narrative identifying their specialisations has been included.

Bibliography

The Bibliography includes details of all printed materials that I have been able to trace on the PICK operating system. It covers books, magazines, house journals, software directories and magazine articles. I have searched a number of abstracting journals as well as browsing through reprint and cuttings collections at a number of companies. In addition, I have analytically indexed a number of magazines (including company journals). The broad criterion for inclusion has been any article of over 1/2 a page. There are some omissions - notably some issues of *PickWorld* which I was not able to obtain in time for this edition. Further work will be done in this area, and I would particularly welcome additional material.

Company Directory

The company directory gives the addresses, telephone (and other communications systems) numbers, together with a contact name. In some cases, I was not able to trace the address of a company and incomplete details are given. United States companies do not appear in this section. They are identified by name in the body of the text (and can be traced through the Index), but as the Guide is concerned only with software on sale in the U.K. etc. marketplaces, the company addresses given are those of the native companies who are dealing or distributing U.S. software.

Index

The Index to the *PICK Resources Guide* contains an entry for each occurrence of a company name, machine name (including the general expression 'PICK - all'), software package name, book or magazine article authors, company vertical market and special area specialisations, and the section headings used in the body of the book.

This will enable users to gain immediate access should they want to trace:

- all software on a particular subject,

- all software and/or hardware sold by or produced by a particular company,

- companies who specialise in services in particular subjects (e.g. communications, or banking) or for particular machines),

- all software running on a particular machine,

- all articles on a particular topic.

2. HARDWARE: PICK AND PICK EMULATIONS

2.1. PICK - licensed implementations

ALTOS 586-20

MANUFACTURER/LICENSEE: Altos Computer Systems Inc [USA] / Altos Computer Systems Ltd.
DISTRIBUTOR: Unison Technology plc.
AGENT: Faxon Communications (UK) Ltd.
PROCESSOR: 8086.
MEMORY RANGE: 512Kb to 1024Kb RAM.
DISC STORAGE RANGE: 20Mb to 60Mb Winchester discs.
TERMINAL SUPPORT: 6 to 10 ports.
PERIPHERALS: Cartridge tape.
BUNDLED SOFTWARE: Creator.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: 512Kb, 20Mb Winchester, 6 ports: £10,995.

ALTOS 586-40

MANUFACTURER/LICENSEE: Altos Computer Systems Inc [USA] / Altos Computer Systems Ltd.
DISTRIBUTOR: Unison Technology plc.
AGENT: Faxon Communications (UK) Ltd.
PROCESSOR: 8086.
MEMORY RANGE: 512Kb to 1024Kb RAM.
DISC STORAGE RANGE: 40Mb to 80Mb Winchester discs.
TERMINAL SUPPORT: 6 to 10 ports.
PERIPHERALS: Cartridge tape.
BUNDLED SOFTWARE: Creator.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: 512Kb, 40Mb Winchester, 6 ports: £12,995.

ALTOS 986-40

MANUFACTURER/LICENSEE: Altos Computer Systems Inc [USA] / Altos Computer Systems Ltd.
DISTRIBUTOR: Unison Technology plc.
AGENT: Faxon Communications (UK) Ltd.
PROCESSOR: 8086 (10MHz).
MEMORY RANGE: 1Mb RAM.
DISC STORAGE RANGE: 42Mb to 84Mb Winchester discs.
TERMINAL SUPPORT: Up to 10 ports.
PERIPHERALS: 5 1/4" floppy disc (1Mb), 17Mb cartridge tape.
COMMUNICATIONS: TeamNet (Altos LAN), 3270/3276 IBM clustered terminal emulation, 3780 IBM bisynchronous communications.
BUNDLED SOFTWARE: Creator.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: 1024Kb, 10 ports, 20Mb Winchester: £14,995.

ALTOS 3068

MANUFACTURER/LICENSEE: Altos Computer Systems Inc [USA] / Altos Computer Systems Ltd.
DISTRIBUTOR: Universal Computers Ltd.
AGENTS: Faxon Communications (UK) Ltd, Timeslice Ltd.
PROCESSOR: MC68020.
MEMORY RANGE: 1Mb to 4Mb RAM.
DISC STORAGE RANGE: 33Mb to 195Mb Winchester disc storage.
TERMINAL SUPPORT: Up to 40 users.
PERIPHERALS: 1.2Mb floppy disc, 60Mb streaming tape drive.

C.ITOH MODEL 20

MANUFACTURER/LICENSEE: CIE Systems Inc [USA].
MASTER DISTRIBUTOR: Sanderson Computers Ltd.
DISTRIBUTOR: Unison Technology plc.
AGENTS: 4GL Computing, Sunbird Management Ltd.
PROCESSOR: MC68000.
MEMORY RANGE: 512Kb RAM.
DISC STORAGE RANGE: 10Mb to 46Mb Winchester discs.
TERMINAL SUPPORT: 4 serial ports, 1 parallel port.
PERIPHERALS: Floppy disc drive.
BUNDLED SOFTWARE: Wizard II/Creator (depending upon dealer), JET, Accu-plot, Compusheet, communications package.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: From £4,995.

C.ITOH MODEL 75

MANUFACTURER/LICENSEE: CIE Systems Inc [USA].
MASTER DISTRIBUTOR: Sanderson Computers Ltd.
DISTRIBUTOR: Unison Technology plc.
AGENTS: 4GL Computing, Sunbird Management Ltd.
PROCESSOR: MC68000.
MEMORY RANGE: 512Kb to 768Kb RAM.
DISC STORAGE RANGE: 46Mb to 92Mb Winchester discs.
TERMINAL SUPPORT: 4 to 8 serial ports, 1 to 2 parallel ports.
PERIPHERALS: Streaming cartridge tape drive. Optional half-inch tape drive. Floppy disc drive.
BUNDLED SOFTWARE: Wizard II/Creator (depending upon dealer), JET, Accu-plot, Compusheet, communications package.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: From £8,837.

C.ITOH MODEL 100 APX

MANUFACTURER/LICENSEE: CIE Systems Inc [USA].
MASTER DISTRIBUTOR: Sanderson Computers Ltd.
DISTRIBUTOR: Unison Technology plc.
AGENTS: 4GL Computing, Sunbird Management Ltd.
PROCESSOR: MC68000.
MEMORY RANGE: 512Kb to 1024Kb dual port memory.
DISC STORAGE RANGE: 46 to 92Mb Winchester discs.
TERMINAL SUPPORT: 4 to 16 serial ports, 1 to 2 parallel ports.
PERIPHERALS: 60Mb streaming cartridge tape drive, 1/2" tape drive, floppy disc drive.
BUNDLED SOFTWARE: Wizard II/Creator (depending upon dealer), JET, Accu-plot, Compusheet, communications package.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: From £16,925.

C.ITOH MODEL 200 APX

MANUFACTURER/LICENSEE: CIE Systems Inc [USA].
MASTER DISTRIBUTOR: Sanderson Computers Ltd.
DISTRIBUTOR: Unison Technology plc.
AGENTS: 4GL Computing, Sunbird Management Ltd.
PROCESSOR: MC68000.
MEMORY RANGE: 512Kb to 4Mb dual port memory.
DISC STORAGE RANGE: 84Mb to 672Mb Winchester discs.
TERMINAL SUPPORT: 8 to 64 intelligent serial ports, 1 to 2 parallel ports.
PERIPHERALS: 60Mb streaming cartridge tape drive, 1/2" tape drive, floppy disc drive.

BUNDLED SOFTWARE: Wizard II/Creator (depending upon dealer), JET, Accu-plot, Compusheet, communications package.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: From £24,980.

C.ITOH MODEL 300 APX

MANUFACTURER/LICENSEE: CIE Systems Inc [USA].
MASTER DISTRIBUTOR: Sanderson Computers Ltd.
DISTRIBUTOR: Unison Technology plc.
AGENT: 4GL Computing.
PROCESSOR: MC68020 (16.6MHz).
MEMORY RANGE: 2Mb to 4Mb dual port memory.
DISC STORAGE RANGE: 337Mb to 1348Mb Winchester discs.
TERMINAL SUPPORT: 8 to 128 intelligent serial ports. 1 to 2 parallel ports.
PERIPHERALS: 60Mb streaming cartridge tape drive, 1/2" tape drive, floppy disc drive.
BUNDLED SOFTWARE: Wizard II/Creator (depending upon dealer), JET, Accu-plot, Compusheet, communications package.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: From £49,950.

CRYSTAL 68000 SERIES R DESKTOP MODEL

MANUFACTURER/LICENSEE: Pertec Computer Corporation [USA] / Aston Technology Ltd.
AGENTS: Beauchamp Computer Systems Ltd, CB Business Systems Ltd, Centre Tec, Cortex Computer Systems Ltd, Crown Agents, Essex Micro Computers Ltd, Ivory Computer Systems Ltd, Kalamazoo plc, Kendal Computing Ltd, ORAC Information Systems Ltd, Ramdata Computers Ltd, Selima Software Ltd, Sunbird Management Ltd, Timeslice Ltd. A total of over 65 international and United Kingdom dealers.
PROCESSOR: MC68000 (10MHz).
MEMORY RANGE: 256K to 1.5Mb RAM.
DISC STORAGE RANGE: 26.6Mb to 170Mb Winchester discs.
TERMINAL SUPPORT: Up to 20 terminals.
PERIPHERALS: Stand-alone 1/4" tape drive or integral 42Mb tape cartridge drive. 5 1/4" 1Mb floppy disc drive.
COMMUNICATIONS: Four RS232C ports as standard (with expansion to 20).
BUNDLED SOFTWARE: JET word processor, System Builder run-time.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: From £9,090.

CRYSTAL 68000 SERIES R FLOORMOUNT MODEL

MANUFACTURER/LICENSEE: Pertec Computer Corporation [USA] / Aston Technology Ltd.
AGENTS: Beauchamp Computer Systems Ltd, CB Business Systems Ltd, Centre Tec, Cortex Computer Systems Ltd, Crown Agents, Essex Micro Computers Ltd, Ivory Computer Systems Ltd, Kalamazoo plc, Kendal Computing Ltd, ORAC Information Systems Ltd, Ramdata Computers Ltd, Selima Software Ltd, Sunbird Management Ltd, Timeslice Ltd. A total of over 65 international and United Kingdom dealers.
PROCESSOR: MC68000 (10MHz).
MEMORY RANGE: 256K to 4Mb RAM.
DISC STORAGE RANGE: 85Mb to 340Mb Winchester discs.
TERMINAL SUPPORT: Up to 36 terminals.
PERIPHERALS: 21Mb or 42Mb streaming cartridge tape; 1/2" open-reel magnetic tape drive; 5 1/4" or 8" floppy disc unit.
COMMUNICATIONS: Twelve RS232C as standard (with expansion up to 36).
BUNDLED SOFTWARE: JET word processor, System Builder.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: From £21,950.

CRYSTALET

MANUFACTURER/LICENSEE: Pertec Computer Corporation [USA] / Aston Technology Ltd.
AGENTS: Beauchamp Computer Systems Ltd, CB Business Systems Ltd, Centre Tec, Cortex Computer Systems Ltd, Crown Agents, Essex Micro Computers Ltd, Ivory Computer Systems Ltd, Kalamazoo plc, Kendal Computing Ltd, ORAC Information Systems Ltd, Ramdata Computers Ltd, Selima Software Ltd, Sunbird Management Ltd, Timeslice Ltd. A total of over 65 international and United Kingdom dealers.
PROCESSOR: MC68000 (10MHz).
MEMORY RANGE: 256Kb to 1024Kb RAM.
DISC STORAGE RANGE: Internal: 10.5Mb or 21Mb Winchester discs. External: up to 85Mb extra. Also 1Mb floppy disc.
TERMINAL SUPPORT: Up to 8 users.
BUNDLED SOFTWARE: JET word processor, System Builder.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: Prices start at £6,950.

EQUINOX P1

MANUFACTURER/LICENSEE: Equinox Computer Systems Ltd.
PROCESSOR: 8088-2 (7MHz).
MEMORY RANGE: 640Kb RAM.
DISC STORAGE RANGE: 20Mb to 110Mb Winchester discs.
TERMINAL SUPPORT: Four serial ports (giving up to 5 users).
PERIPHERALS: 1 parallel printer port. Optional 1/4" cartridge tape drive (45Mb).
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: 640Kb system, with 20Mb disc - £3,750.
DESCRIPTION: An IBM PC/XT compatible system.

EQUINOX 680P

MANUFACTURER/LICENSEE: Equinox Computer Systems Ltd.
PROCESSOR: MC68000 (12MHz).
MEMORY RANGE: 1Mb to 2Mb RAM.
DISC STORAGE RANGE: 10Mb (5Mb fixed + 5Mb removable) to 220Mb Winchester discs.
TERMINAL SUPPORT: 8 to 16 ports.
PERIPHERALS: Optional 1/2" streamer tape deck.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: 1Mb RAM, 5+5Mb fixed/removable disc, 8 serial ports - £8,950.

FUJITSU SYSTEM 2000

MANUFACTURER/LICENSEE: Fujitsu Ltd of Japan [USA] / Fujitsu Micro Systems.
PROCESSOR: 8086 (8MHz).
MEMORY RANGE: 384Kb to 1024Kb RAM.
DISC STORAGE RANGE: 26Mb to 104Mb Winchester discs.
TERMINAL SUPPORT: Up to 6 users.
PERIPHERALS: 5 1/4" floppy disc drive, tape streamer back-up.
BUNDLED SOFTWARE: Electronic mail, calculator, full-screen editor; terminal set-up function that allows up to 111 terminals to be defined and maintained with 150 functions definable per terminal.

IBM SERIES/1

MANUFACTURER/LICENSEE: CDI Information Systems Inc [USA].
DISTRIBUTOR: I-Data plc.
AGENT: Sanderson Computers Ltd.
PROCESSOR: 4952, 4954 and 4956 processors.
MEMORY RANGE: 64Kb to 2Mb RAM.
DISC STORAGE RANGE: 30Mb to 3.2Gb Winchester discs.
TERMINAL SUPPORT: Up to 256 users.

COMMUNICATIONS: Various communications protocols supported. Includes use of IBM PCs as intelligent work stations.

BUNDLED SOFTWARE: Executive Filing System.

IBM 30XX

MANUFACTURER/LICENSEE: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

DESCRIPTION: Runs under VM.

IBM 4300 Model 3

MANUFACTURER/LICENSEE: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

PROCESSOR: 4361

MEMORY RANGE: 2Mb to 4Mb RAM.

TERMINAL SUPPORT: Up to 32 users.

DESCRIPTION: Runs under VM.

IBM 4300 Model 4

MANUFACTURER/LICENSEE: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

PROCESSOR: 4361

MEMORY RANGE: 2Mb to 12Mb RAM.

TERMINAL SUPPORT: Up to 32 users.

DESCRIPTION: Runs under VM.

IBM 4300 Model 5

MANUFACTURER/LICENSEE: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

PROCESSOR: 4361

MEMORY RANGE: 2Mb to 4Mb RAM.

TERMINAL SUPPORT: Up to 32 users.

DESCRIPTION: Runs under VM.

IN250

MANUFACTURER/LICENSEE: IN-Informatique

DISTRIBUTOR (BENELUX): IN-Informatique Benelux.

DISTRIBUTOR (EASTERN EUROPE): GIXI.

DISTRIBUTOR (GERMANY): IN-Informatique (Deutschland).

DISTRIBUTOR (POLYNESIA): I.D.T..

DISTRIBUTOR (SPAIN): Secoinsa.

DISTRIBUTOR: GS+.

PROCESSOR: AMD 2903.

MEMORY RANGE: 256Kb.

DISC STORAGE RANGE: 20Mb to 40Mb discs.

TERMINAL SUPPORT: Up to 4 users (serial ports), 1 parallel printer port.

PERIPHERALS: 45Mb cartridge tape streamer, 5 1/4" floppy disc.

COMMUNICATIONS: 3780, 3270, 7760, HDLC, X25, local area networks, videotex, etc.

IN500

MANUFACTURER/LICENSEE: IN-Informatique

DISTRIBUTOR (BENELUX): IN-Informatique Benelux.

DISTRIBUTOR (EASTERN EUROPE): GIXI.

DISTRIBUTOR (GERMANY): IN-Informatique (Deutschland).

DISTRIBUTOR (POLYNESIA): I.D.T..

DISTRIBUTOR (SPAIN): Secoinsa.

DISTRIBUTOR: GS+.

MEMORY RANGE: Up to 1024Mb RAM.

DISC STORAGE RANGE: 21Mb to 128Mb discs.

TERMINAL SUPPORT: Up to 24 users.

PERIPHERALS: 45Mb cartridge tape streamer, 5 1/4" floppy disc.

COMMUNICATIONS: 3780, 3270, 7760, HDLC, X25, local area networks, videotex, etc.

IN5000

MANUFACTURER/LICENSEE: IN-Informatique

DISTRIBUTOR (BENELUX): IN-Informatique Benelux.

DISTRIBUTOR (EASTERN EUROPE): GIXI.

DISTRIBUTOR (GERMANY): IN-Informatique (Deutschland).

DISTRIBUTOR (POLYNESIA): I.D.T..

DISTRIBUTOR (SPAIN): Secoinsa.

DISTRIBUTOR: GS+.

MEMORY RANGE: Up to 1024Mb RAM.

DISC STORAGE RANGE: 64Mb to 1Gb discs.

TERMINAL SUPPORT: Up to 64 users.

PERIPHERALS: 45Mb cartridge tape streamer, 5 1/4" floppy disc.

COMMUNICATIONS: 3780, 3270, 7760, HDLC, X25, local area networks, videotex, etc.

MENTOR 1500

MANUFACTURER/LICENSEE: Applied Digital Data Systems Inc [USA].

DISTRIBUTOR (UK): Electronic Data Processing plc.

DISTRIBUTORS (AUSTRALIA): Clegg Driscoll Consultants Pty Ltd, IMG Systems Pty Ltd.

DISTRIBUTOR (NEW ZEALAND): Online Business Management Ltd

AGENTS (UK): Adserve Computing Ltd, Applied Computer Expertise Ltd, Compaddress Ltd, Computer Factors (Sales) Ltd, Diagnostic Systems Ltd, Fletcher Computer Services Ltd, Ibex Computer Services Ltd, Motor Dealers Management Systems Ltd.

AGENT (AUSTRALIA): Pick Power Pty Ltd.

PROCESSOR: 8088.

MEMORY RANGE: 256Kb to 640Kb RAM.

DISC STORAGE RANGE: 320Kb/360Kb floppy, 20Mb Winchester disc.

TERMINAL SUPPORT: Up to 3 users.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS: From £4,300 for three-user system with 256Kb RAM, 20Mb Winchester.

DESCRIPTION: IBM PC/XT compatible machine which will either run MSDOS or will perform exactly the same as any other Mentor system.

MENTOR 1700

MANUFACTURER/LICENSEE: Applied Digital Data Systems Inc [USA].

DISTRIBUTOR (UK): Electronic Data Processing plc.

DISTRIBUTORS (AUSTRALIA): Clegg Driscoll Consultants Pty Ltd, IMG Systems Pty Ltd.

DISTRIBUTOR (NEW ZEALAND): Online Business Management Ltd

AGENTS (UK): Adserve Computing Ltd, Applied Computer Expertise Ltd, Compaddress Ltd, Computer Factors (Sales) Ltd, Diagnostic Systems Ltd, Fletcher Computer Services Ltd, Ibex Computer Services Ltd, Motor Dealers Management Systems Ltd.

AGENT (AUSTRALIA): Pick Power Pty Ltd.

PROCESSOR: 80286.

MEMORY RANGE: 512Kb RAM.

DISC STORAGE RANGE: 20Mb to 40Mb Winchester discs.

TERMINAL SUPPORT: Up to 9 users.

PERIPHERALS: Cartridge tape.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS: From £6,995 for 3 user system with 512Kb RAM, 20Mb Winchester.

MENTOR 2500

MANUFACTURER/LICENSEE: Applied Digital Data Systems Inc [USA].

DISTRIBUTOR (UK): Electronic Data Processing plc.

DISTRIBUTORS (AUSTRALIA): Clegg Driscoll Consultants Pty Ltd, IMG Systems Pty Ltd.

DISTRIBUTOR (NEW ZEALAND): Online Business Management Ltd

AGENTS (UK): Adserve Computing Ltd, Applied Computer Expertise Ltd, Compaddress Ltd, Computer Factors (Sales) Ltd, Diagnostic Systems Ltd, Fletcher Computer Services Ltd, Ibex Computer Services Ltd, Motor Dealers Management Systems Ltd.

AGENT (AUSTRALIA): Pick Power Pty Ltd.
PROCESSOR: Z8001b.
MEMORY RANGE: 256Kb to 1024Kb RAM.
DISC STORAGE RANGE: 24Mb to 134Mb Winchester discs.
TERMINAL SUPPORT: 2 to 32 terminals.
PERIPHERALS: 60Mb tape streamer.
COMMUNICATIONS: Up to two 8 or 16 port controllers.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: Starts at £9,950.

MENTOR 4000EP

MANUFACTURER/LICENSEE: Applied Digital Data Systems Inc [USA].
DISTRIBUTOR (UK): Electronic Data Processing plc.
DISTRIBUTORS (AUSTRALIA): Clegg Driscoll Consultants Pty Ltd, IMG Systems Pty Ltd.
DISTRIBUTOR (NEW ZEALAND): Online Business Management Ltd
AGENTS (UK): Adserve Computing Ltd, Applied Computer Expertise Ltd, Compaddress Ltd, Computer Factors (Sales) Ltd, Diagnostic Systems Ltd, Fletcher Computer Services Ltd, Ibex Computer Services Ltd, Motor Dealers Management Systems Ltd.
AGENT (AUSTRALIA): Pick Power Pty Ltd.
PROCESSOR: Z8001.
MEMORY RANGE: 512Kb to 1024Kb RAM.
DISC STORAGE RANGE: 150Mb to 300Mb Winchester discs.
TERMINAL SUPPORT: 4 to 64 ports on eight controllers.
PERIPHERALS: 46Mb tape streamer (1600bpi).

MENTOR 5500

MANUFACTURER/LICENSEE: Applied Digital Data Systems Inc [USA].
DISTRIBUTOR (UK): Electronic Data Processing plc.
DISTRIBUTORS (AUSTRALIA): Clegg Driscoll Consultants Pty Ltd, IMG Systems Pty Ltd.
DISTRIBUTOR (NEW ZEALAND): Online Business Management Ltd
AGENTS (UK): Adserve Computing Ltd, Applied Computer Expertise Ltd, Compaddress Ltd, Computer Factors (Sales) Ltd, Diagnostic Systems Ltd, Fletcher Computer Services Ltd, Ibex Computer Services Ltd, Motor Dealers Management Systems Ltd.
AGENT (AUSTRALIA): Pick Power Pty Ltd.
PROCESSOR: Z8001.
MEMORY RANGE: 512Kb to 1.5Mb RAM.
DISC STORAGE RANGE: 265Mb to 1060Mb Winchester discs.
TERMINAL SUPPORT: Up to 64 users on two controllers.
PERIPHERALS: 92Mb tape streamer (1600bpi).

PICK-XT

MANUFACTURER/LICENSEE: Pick Systems [USA].
DISTRIBUTOR (UK): Sanderson Computers Ltd.
AGENTS (UK): 4GL Computing, Applied Computer Expertise Ltd, Aston Technology Ltd, Beauchamp Computer Systems Ltd, Centre Tec, Computer Factors (Sales) Ltd, Cortex Computer Systems Ltd, Essex Micro Computers Ltd, Fletcher Computer Services Ltd, Intelligent Computer Services (Sales) Ltd, Kalamazoo plc, Ramdata Computers Ltd, Sunbird Management Ltd, Systems and Accounting Services Company Ltd.
AGENTS (AUSTRALIA): AWA Computers, Infobase.
AGENT (NEW ZEALAND): AWA New Zealand Ltd.
PROCESSOR: 8088.
MEMORY RANGE: 256Kb to 640Kb RAM.
DISC STORAGE RANGE: 10Mb/20Mb Winchester discs.
TERMINAL SUPPORT: Up to 3 users.
BUNDLED SOFTWARE: System Builder may be bundled on some systems, but this is dependent upon the particular package being offered by a dealer.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: £4,500 - £6,000. Software only: £550.

DESCRIPTION: Requires IBM standard PC/XT (i.e. most non-IBM discs are not currently supported), with a minimum of 256K RAM. The system will also run on the Corona PC, Ferranti PC860, ITT Xtra, Olivetti M24, Sperry PC, WYSEpc and other IBM PC compatible machines (which may have slightly different characteristics). Some of the dealers listed above may offer compatibles at differing prices.

PICK-AT

MANUFACTURER/LICENSEE: Pick Systems [USA].
DISTRIBUTOR (UK): Sanderson Computers Ltd.
PROCESSOR: 80286.
MEMORY RANGE: 784Kb to 1024Kb RAM.
DISC STORAGE RANGE: 20Mb Winchester disc.
TERMINAL SUPPORT: 3 or 6 users.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: 3-user: £750. 6-user: £995.
DESCRIPTION: The system will also run on the Sperry PC/IT (and other IBM PC/AT compatible machines).

PINNACLE BRUT

MANUFACTURER/LICENSEE: Pick on Pinnacle.
DISTRIBUTOR: Business Computers International.
AGENTS: Essex Micro Computers Ltd, TDI Pinnacle.
PROCESSOR: MC68000 (12MHz).
MEMORY RANGE: 512Kb to 8Mb RAM.
DISC STORAGE RANGE: 21Mb to 115Mb Winchester discs.
TERMINAL SUPPORT: 8 serial ports.
PERIPHERALS: 800K floppy disc drive; Tape streamers.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: From £7,600 (20Mb system) to £16,600 (110Mb system).
DESCRIPTION: First implementation of Open Architecture.

PINNACLE PREMIERE CUVÉE

MANUFACTURER/LICENSEE: Pick on Pinnacle.
DISTRIBUTOR: Business Computers International.
AGENTS: Essex Micro Computers Ltd, TDI Pinnacle.
PROCESSOR: MC68000 (12MHz).
MEMORY RANGE: 512Kb to 8Mb RAM.
DISC STORAGE RANGE: 21Mb to 575Mb Winchester discs.
TERMINAL SUPPORT: 8 to 40 serial ports.
PERIPHERALS: 800K floppy disc drive; Tape streamers.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: From £9,500 (20Mb system with 8 ports).
DESCRIPTION: First implementation of Open Architecture.

PYRAMID

DISTRIBUTOR (AUSTRALIA): Wicat Computer of Australia Pty Ltd.

SABRE 4210/4220

MANUFACTURER/LICENSEE: Pertec Computer Corporation [USA].
DISTRIBUTOR (UK): Kode Ltd.
DISTRIBUTOR (SWEDEN): Esselte.
AGENT (UK): Database Applications Ltd.
AGENT (AUSTRALIA): AWA Computers.
AGENT (SWEDEN): AMI Datashop.
PROCESSOR: MC68000 (10MHz).
MEMORY RANGE: 512Kb to 1.5Mb RAM.
DISC STORAGE RANGE: 13Mb to 106Mb Winchester discs.
TERMINAL SUPPORT: Up to 20 users.
PERIPHERALS: 5 1/4" floppy (1Mb), streaming cartridge tape.
BUNDLED SOFTWARE: JET word processor, System Builder, System Manager.
DESCRIPTION: Desktop models.

SABRE 4260

MANUFACTURER/LICENSEE: Pertec Computer Corporation [USA].
DISTRIBUTOR (UK): Kode Ltd.
DISTRIBUTOR (SWEDEN): Esselte.

AGENT (UK): Database Applications Ltd.
 AGENT (AUSTRALIA): AWA Computers.
 AGENT (SWEDEN): AMI Datashop.
 PROCESSOR: MC68000 (10MHz).
 MEMORY RANGE: 512Kb to 4Mb RAM.
 DISC STORAGE RANGE: 53Mb to 620Mb Winchester discs.
 TERMINAL SUPPORT: Up to 44 users.
 PERIPHERALS: 1/2" Magnetic Tape Unit (21Mb), 1/4" cartridge tape drive (45Mb).
 BUNDLED SOFTWARE: JET word processor, System Builder, System Manager.
 PRICE RANGE/SPECIMEN CONFIGURATION COSTS: Main unit (512K, 85Mb drive, 12 ports): £22,550. 512K memory: £1920. Extra disc drive to main unit cabinet: £2910. Disc drives (2): £7190. Port boards (8 ports): £1450.
 Specimen configuration (1Mb memory, 170Mb discs, 20 ports, magnetic tape unit): £35,000.
 DESCRIPTION: Floormounted model.

SUN

DISTRIBUTOR (AUSTRALIA): Wicat Computer of Australia Pty Ltd.

ULTIMATE 1500

MANUFACTURER/LICENSEE: Ultimate Corporation [USA] / Ultimate U.K. Ltd.
 AGENTS: Adserve Computing Ltd, Computer Factors (Sales) Ltd, Cotswold Computer Services Ltd, Datec Ltd, Kendal Computing Ltd, Metropolis Computing Ltd, Timeslice Ltd, Universal Computers Ltd.
 PROCESSOR: DEC LSI 11/2.
 MEMORY RANGE: 256Kb RAM.
 DISC STORAGE RANGE: 19Mb to 80 Mb Winchester discs.
 TERMINAL SUPPORT: 7 CRT ports, 1 serial printer port.
 PERIPHERALS: 45Mb 1/4" streaming tape cartridge.

ULTIMATE 1510

MANUFACTURER/LICENSEE: Ultimate Corporation [USA] / Ultimate U.K. Ltd.
 AGENTS: Adserve Computing Ltd, Computer Factors (Sales) Ltd, Cotswold Computer Services Ltd, Datec Ltd, Kendal Computing Ltd, Metropolis Computing Ltd, Timeslice Ltd, Universal Computers Ltd.
 PROCESSOR: DEC LSI 11/2.
 MEMORY RANGE: 512Kb RAM.
 DISC STORAGE RANGE: 19Mb to 80 Mb Winchester discs.
 TERMINAL SUPPORT: 15 CRT ports, 1 serial printer port.
 PERIPHERALS: 45 Mb 1/4" streaming tape cartridge.
 DESCRIPTION: This model incorporates the "S" version of the peripheral processor, which increases speed by up to 30%.

ULTIMATE 2000

MANUFACTURER/LICENSEE: Ultimate Corporation [USA] / Ultimate U.K. Ltd.
 AGENTS: Adserve Computing Ltd, Computer Factors (Sales) Ltd, Cotswold Computer Services Ltd, Datec Ltd, Kendal Computing Ltd, Metropolis Computing Ltd, Timeslice Ltd, Universal Computers Ltd.
 PROCESSOR: DEC LSI 11.
 MEMORY RANGE: 128Kb to 512Kb RAM.
 DISC STORAGE RANGE: 33Mb to 308Mb Winchester discs.
 TERMINAL SUPPORT: 8 to 32 serial ports.
 PERIPHERALS: 1/2" 1600 bpi microstreamer tape.

ULTIMATE 2000S

MANUFACTURER/LICENSEE: Ultimate Corporation [USA] / Ultimate U.K. Ltd.
 AGENTS: Adserve Computing Ltd, Computer Factors (Sales) Ltd, Cotswold Computer Services Ltd, Datec Ltd, Kendal Computing Ltd, Metropolis Computing Ltd, Timeslice Ltd, Universal Computers Ltd.
 PROCESSOR: DEC LSI 11.
 MEMORY RANGE: 128Kb to 512Kb RAM.

DISC STORAGE RANGE: 33Mb to 308Mb Winchester discs.

TERMINAL SUPPORT: 8 to 32 serial ports.

PERIPHERALS: 1/2" 1600 bpi microstreamer tape.

DESCRIPTION: The 2000S model incorporates the "S" version of the peripheral processor which increases the internal operating speed by up to 50%.

ULTIMATE 2020

MANUFACTURER/LICENSEE: Ultimate Corporation [USA] / Ultimate U.K. Ltd.
 AGENTS: Adserve Computing Ltd, Computer Factors (Sales) Ltd, Cotswold Computer Services Ltd, Datec Ltd, Kendal Computing Ltd, Metropolis Computing Ltd, Timeslice Ltd, Universal Computers Ltd.
 PROCESSOR: DEC LSI 11.
 MEMORY RANGE: 512Kb to 1024Kb dual ported memory.
 DISC STORAGE RANGE: 33Mb to 308Mb Winchester discs.
 TERMINAL SUPPORT: 8 to 32 serial ports.
 PERIPHERALS: 1/2" 1600 bpi microstreamer tape.

ULTIMATE 3030

MANUFACTURER/LICENSEE: Ultimate Corporation [USA] / Ultimate U.K. Ltd.
 AGENTS: Adserve Computing Ltd, Computer Factors (Sales) Ltd, Cotswold Computer Services Ltd, Datec Ltd, Kendal Computing Ltd, Metropolis Computing Ltd, Timeslice Ltd, Universal Computers Ltd.

ULTIMATE 6400

MANUFACTURER/LICENSEE: Ultimate Corporation [USA] / Ultimate U.K. Ltd.
 AGENTS: Adserve Computing Ltd, Computer Factors (Sales) Ltd, Cotswold Computer Services Ltd, Datec Ltd, Kendal Computing Ltd, Timeslice Ltd, Universal Computers Ltd.
 PROCESSOR: Honeywell DPS 6.
 MEMORY RANGE: 512Kb to 2Mb "double fetch" memory.
 DISC STORAGE RANGE: 160Mb to 4.12Gb disc storage.
 TERMINAL SUPPORT: 8 to 19 ports.
 PERIPHERALS: Up to four 1600 bpi magnetic tape units, 5 1/4" floppy disc, multiple device controller controls optional high-speed line printers and card readers.
 COMMUNICATIONS: Up to 16 communications lines.

ULTIMATE 6600

MANUFACTURER/LICENSEE: Ultimate Corporation [USA] / Ultimate U.K. Ltd.
 AGENTS: Adserve Computing Ltd, Computer Factors (Sales) Ltd, Cotswold Computer Services Ltd, Datec Ltd, Kendal Computing Ltd, Metropolis Computing Ltd, Timeslice Ltd, Universal Computers Ltd.
 PROCESSOR: Honeywell DPS 6.
 MEMORY RANGE: 512Kb to 2Mb "double fetch" memory.
 DISC STORAGE RANGE: 160Mb to 4.12Gb disc storage.
 TERMINAL SUPPORT: 8 to 19 ports.
 PERIPHERALS: Up to four 1600 bpi magnetic tape units, 5 1/4" floppy disc, multiple device controller controls optional high-speed line printers and card readers.
 COMMUNICATIONS: Up to 16 communications lines.

ULTIMATE 6800

MANUFACTURER/LICENSEE: Ultimate Corporation [USA] / Ultimate U.K. Ltd.
 AGENTS: Adserve Computing Ltd, Computer Factors (Sales) Ltd, Cotswold Computer Services Ltd, Datec Ltd, Kendal Computing Ltd, Metropolis Computing Ltd, Timeslice Ltd, Universal Computers Ltd.
 PROCESSOR: Honeywell DPS 6.
 MEMORY RANGE: 1Mb to 2Mb "double fetch" memory.
 DISC STORAGE RANGE: 160Mb to 4.12Gb disc storage.
 TERMINAL SUPPORT: 32 ports.

PERIPHERALS: Up to two 6250/1600 bpi magnetic tape units, 5 1/4" floppy disc, multiple device controller controls optional high-speed line printers and card readers.

COMMUNICATIONS: Up to 16 communications lines.

WICAT 150

MANUFACTURER/LICENSEE: Wicat Computer of Australia Pty Ltd / Wicat Systems Ltd.

PROCESSOR: MC68000.

MEMORY RANGE: 512Kb to 1.5Mb RAM.

DISC STORAGE RANGE: 10Mb to 40Mb Winchester discs.

TERMINAL SUPPORT: 1 to 8 users.

PERIPHERALS: Cartridge tape, Video disc interface (interactive).

COMMUNICATIONS: IBM 2780, IBM 3780.

BUNDLED SOFTWARE: Jet, Compusheet, Accuplot II, Wizard, PROF.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS: From £9,000.

WICAT 1250

MANUFACTURER/LICENSEE: Wicat Computer of Australia Pty Ltd / Wicat Systems Ltd.

PROCESSOR: MC68000 (12.5MHz).

DISC STORAGE RANGE: 28Mb to 120Mb Winchester discs.

TERMINAL SUPPORT: Up to 16 intelligent ports.

PERIPHERALS: Cartridge tape.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS: System with 1Mb RAM, 28Mb Winchester disc, 8 intelligent ports, 1 parallel port: £10,985.

WICAT 155

MANUFACTURER/LICENSEE: Wicat Computer of Australia Pty Ltd / Wicat Systems Ltd.

PROCESSOR: MC68000.

MEMORY RANGE: 512Kb to 4.5Mb RAM.

DISC STORAGE RANGE: 10Mb to 80Mb Winchester discs.

TERMINAL SUPPORT: Up to 16 users.

PERIPHERALS: Cartridge tape, Video disc interface (interactive).

COMMUNICATIONS: IBM 2780, IBM 3780.

BUNDLED SOFTWARE: Jet, Compusheet, Accuplot II, Wizard, PROF.

WICAT 160

MANUFACTURER/LICENSEE: Wicat Computer of Australia Pty Ltd / Wicat Systems Ltd.

PROCESSOR: MC68000.

MEMORY RANGE: 512Kb to 4.5Mb RAM.

DISC STORAGE RANGE: 10Mb to 474Mb Winchester discs. TERMINAL SUPPORT: Up to 16 users.

PERIPHERALS: Cartridge tape, 9 track tape drive, Video disc interface (interactive).

COMMUNICATIONS: IBM 2780, IBM 3780.

BUNDLED SOFTWARE: Jet, Compusheet, Accuplot II, Wizard, PROF.

WICAT 1260

MANUFACTURER/LICENSEE: Wicat Computer of Australia Pty Ltd / Wicat Systems Ltd.

PROCESSOR: MC68000 (12.5MHz).

PRICE RANGE/SPECIMEN CONFIGURATION COSTS: System with 1Mb RAM, 80Mb Winchester disc, 16 intelligent ports, 1 parallel port: £16,860.

WICAT 200

MANUFACTURER/LICENSEE: Wicat Computer of Australia Pty Ltd / Wicat Systems Ltd.

PROCESSOR: MC68000.

MEMORY RANGE: 1Mb to 4Mb RAM.

DISC STORAGE RANGE: 80Mb to 474Mb Winchester discs. TERMINAL SUPPORT: Up to 32 users.

PERIPHERALS: Cartridge tape, 9 track tape drive, Video disc interface (interactive).

COMMUNICATIONS: IBM 2780, IBM 3780.

BUNDLED SOFTWARE: Jet, Compusheet, Accuplot II, Wizard, PROF.

WICAT 220

MANUFACTURER/LICENSEE: Wicat Computer of Australia Pty Ltd / Wicat Systems Ltd.

PROCESSOR: MC68000.

MEMORY RANGE: 1Mb to 12Mb RAM.

DISC STORAGE RANGE: 80Mb to 474Mb Winchester discs. TERMINAL SUPPORT: Up to 48 users.

PERIPHERALS: Cartridge tape, 9 track tape drive, Video disc interface (interactive).

COMMUNICATIONS: IBM 2780, IBM 3780.

BUNDLED SOFTWARE: Jet, Compusheet, Accuplot II, Wizard, PROF.

WICAT 2220

MANUFACTURER/LICENSEE: Wicat Computer of Australia Pty Ltd / Wicat Systems Ltd.

PROCESSOR: MC68000 (12.5MHz).

MEMORY RANGE: 1Mb to 12Mb RAM.

DISC STORAGE RANGE: 80Mb to 1896Mb Winchester discs. TERMINAL SUPPORT: Up to 64 users.

PERIPHERALS: Cartridge tape, 9 track tape drive, Video disc interface (interactive).

COMMUNICATIONS: IBM 2780, IBM 3780.

BUNDLED SOFTWARE: Jet, Compusheet, Accuplot II, Wizard, PROF.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS: Up to £100,000.

ZEBRA 1350

MANUFACTURER/LICENSEE: General Automation Inc [USA] / General Automation Ltd.

AGENTS: Cortex Computer Systems Ltd, Cotswold Computer Services Ltd, Digitus Ltd, Logman Computer Services Ltd, Real Time Business Systems Ltd, Retriever Technology Ltd, Sanderson Computers Ltd, System 800 Computers Ltd, Systems and Accounting Services Company Ltd.

PROCESSOR: MC68000 (10MHz).

MEMORY RANGE: 128Kb to 256Kb RAM.

DISC STORAGE RANGE: 10Mb or 20Mb fixed Winchester, plus 5Mb removable cartridge disc drive.

TERMINAL SUPPORT: Up to 3 CRT/printer serial ports, 1 parallel printer port.

PERIPHERALS: Streaming cartridge tape drive.

COMMUNICATIONS: ARCNET LAN, communications systems (SNA, X25 etc).

BUNDLED SOFTWARE: Jet, Compu-Sheet, Accu-Plot, Access, Creator.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS: Base price: £7,495.

DESCRIPTION: Multi-user desktop machine.

ZEBRA 1750

MANUFACTURER/LICENSEE: General Automation Inc [USA] / General Automation Ltd.

AGENTS: Cortex Computer Systems Ltd, Cotswold Computer Services Ltd, Digitus Ltd, Logman Computer Services Ltd, Real Time Business Systems Ltd, Retriever Technology Ltd, Sanderson Computers Ltd, System 800 Computers Ltd, Systems and Accounting Services Company Ltd.

PROCESSOR: MC68000 (10MHz).

MEMORY RANGE: 128Kb to 1024Kb RAM.

DISC STORAGE RANGE: 20Mb to 120Mb fixed Winchester, plus 5Mb removable cartridge disc drive.

TERMINAL SUPPORT: Up to 18 CRT/printer serial ports, 1 parallel printer port.

PERIPHERALS: 40Mb streaming cartridge tape drive.

COMMUNICATIONS: ARCNET LAN, communications systems (SNA, X25 etc).

BUNDLED SOFTWARE: Jet, Compu-Sheet, Accu-Plot, Access, Creator.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS:
Base price: £9,495.

ZEBRA 3700

MANUFACTURER/LICENSEE: General Automation Inc [USA] / General Automation Ltd.

AGENTS: Cortex Computer Systems Ltd, Cotswold Computer Services Ltd, Digitus Ltd, Logman Computer Services Ltd, Real Time Business Systems Ltd, Retriever Technology Ltd, Sanderson Computers Ltd, System 800 Computers Ltd, Systems and Accounting Services Company Ltd.

PROCESSOR: MC68000 (10MHz).

MEMORY RANGE: 256Kb to 1024Kb RAM.

DISC STORAGE RANGE: 34Mb to 268Mb Winchester discs.

TERMINAL SUPPORT: Up to 32 users (34 ports).

PERIPHERALS: 45Mb streaming cartridge tape drive, 1/2" tape drive also available.

COMMUNICATIONS: ARCNET LAN, communications systems (SNA, X25 etc).

BUNDLED SOFTWARE: Jet, Compu-Sheet, Accu-Plot, Access, Creator.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS:
Base price: £16,995.

ZEBRA 5500E

MANUFACTURER/LICENSEE: General Automation Inc [USA] / General Automation Ltd.

AGENTS: Cortex Computer Systems Ltd, Cotswold Computer Services Ltd, Digitus Ltd, Logman Computer Services Ltd, Real Time Business Systems Ltd, Retriever Technology Ltd, Sanderson Computers Ltd, System 800 Computers Ltd, Systems and Accounting Services Company Ltd.

PROCESSOR: MC68000 (10MHz).

MEMORY RANGE: 1.25Mb to 2Mb RAM.

DISC STORAGE RANGE: 130Mb to 520Mb Winchester discs.

TERMINAL SUPPORT: Up to 48 users, 2 parallel printer ports.

PERIPHERALS: 1600 bpi 1/2" streaming tape drive, 1600/3200 1/2" streaming tape, 1/4" streaming cartridge tape, 5Mb removable cartridge disc.

COMMUNICATIONS: ARCNET LAN, communications systems (SNA, X25 etc). Port boards (16 ports): £2800.

BUNDLED SOFTWARE: Jet, Compu-Sheet, Accu-Plot, Access, Creator.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS:
Base price: £49,500.

ZEBRA 6700

MANUFACTURER/LICENSEE: General Automation Inc [USA] / General Automation Ltd.

AGENTS: Cortex Computer Systems Ltd, Cotswold Computer Services Ltd, Digitus Ltd, Logman Computer Services Ltd, Real Time Business Systems Ltd, Retriever Technology Ltd, Sanderson Computers Ltd, System 800 Computers Ltd, Systems and Accounting Services Company Ltd.

PROCESSOR: MC68010 (12.5MHz).

MEMORY RANGE: 1Mb to 4Mb RAM.

DISC STORAGE RANGE: 260Mb to 1.04Gb Winchester discs.

TERMINAL SUPPORT: Up to 64 users, 2 parallel ports.

PERIPHERALS: 1/2" dual density streaming magnetic tape drive, tri-density GCR tape, 1/4" streaming cartridge tape, 5Mb removable cartridge disc.

COMMUNICATIONS: ARCNET LAN, communications systems (SNA, X25 etc). Port boards (16 ports): £2800.

BUNDLED SOFTWARE: Jet, Compu-Sheet, Accu-Plot, Access, Creator.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS:
Base price (16-user system): £86,245.

2.2. McDonnell Douglas

Reality

The Reality operating system is a superset of PICK which is integral in microcode in all machines in the McDonnell Douglas M1000, M6000 and M9000 computer ranges. It consists of a virtual memory manager, the programming language DATA/BASIC, the data retrieval and report generator English (see section 7.4), the PROC processor and the Editor. The M1000 implementation is designated microReality. Reality and microReality are bundled on the appropriate McDonnell Douglas machines. In Australia, both the M6000 series and the M9000 series are marketed under the name of Sequel.

M1000

MANUFACTURER/LICENSEE: McDonnell Douglas Computer Systems Company [USA] / McDonnell Douglas Information Systems Ltd.

PROCESSOR: 80186 (8MHz).

MEMORY RANGE: 768Kb to 1024Kb RAM.

DISC STORAGE RANGE: 10Mb to 80Mb Winchester discs.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS:
£7,400 for 768Kb RAM, 10Mb Winchester, monochrome display. Range up to £14,000.

M4000 SERIES

MANUFACTURER/LICENSEE: McDonnell Douglas Computer Systems Company [USA] / McDonnell Douglas Information Systems Ltd.

MEMORY RANGE: 128 Kb to 256Kb RAM.

DISC STORAGE RANGE: 50Mb to 80Mb disc storage.

TERMINAL SUPPORT: Parallel printer port and from 4 to 12 terminals.

PERIPHERALS: 1600bpi magnetic tape streamer.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS:
From £30,500 to £34,500.

DESCRIPTION: The M4000 series consists of bundled hardware and software 'solutions' for particular application areas. The hardware, although upwards compatible with the M6000 and M9000 series, is not available separately. The various models are listed in the appropriate software sections.

M6200

MANUFACTURER/LICENSEE: McDonnell Douglas Computer Systems Company [USA] / McDonnell Douglas Information Systems Ltd.

AGENT (AUSTRALIA): AWA Computers.

PROCESSOR: AMD 2901 (16-bit).

MEMORY RANGE: 256Kb RAM.

DISC STORAGE RANGE: 20Mb to 80Mb disc storage.

TERMINAL SUPPORT: Parallel printer port and up to 12 terminals (with or without attached serial printers).

PERIPHERALS: 1/4" magnetic cartridge tape.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS:
£19,750.

M6300

MANUFACTURER/LICENSEE: McDonnell Douglas Computer Systems Company [USA] / McDonnell Douglas Information Systems Ltd.

AGENT (AUSTRALIA): AWA Computers.

PROCESSOR: AMD 2901 (16-bit).

MEMORY RANGE: 256Kb to 512Kb RAM.

DISC STORAGE RANGE: 40Mb to 120Mb disc storage.

TERMINAL SUPPORT: From 8 to 24 serial ports.

PERIPHERALS: Parallel printer port. 1/4" magnetic cartridge tape. 1600bpi 1/2" tape drive.

M6500

MANUFACTURER/LICENSEE: McDonnell Douglas Computer Systems Company [USA] / McDonnell Douglas Information Systems Ltd.

AGENT (AUSTRALIA): AWA Computers.

PROCESSOR: AMD 2901 (16-bit).

MEMORY RANGE: 512Kb to 1024Kb RAM.
DISC STORAGE RANGE: 170Mb to 560Mb disc storage.
TERMINAL SUPPORT: From 12 to 48 serial ports.
PERIPHERALS: Parallel printer port. Up to 2 1600bpi or 1600/3200bpi 1/2" tape drive.

M6820

MANUFACTURER/LICENSEE: McDonnell Douglas Computer Systems Company [USA] / McDonnell Douglas Information Systems Ltd.
AGENT (AUSTRALIA): AWA Computers.
PROCESSOR: AMD 2901 (16-bit).
MEMORY RANGE: 256Kb to 512Kb RAM.
DISC STORAGE RANGE: Up to 160Mb disc storage.
TERMINAL SUPPORT: Parallel printer port and up to 24 terminals (with or without attached serial printers).
PERIPHERALS: 1/2" 1600 bpi streamer tape drive, 1/4" tape cartridge.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: £48,500.
DESCRIPTION: Field upgradable to M6850.

M6850

MANUFACTURER/LICENSEE: McDonnell Douglas Computer Systems Company [USA] / McDonnell Douglas Information Systems Ltd.
AGENT (AUSTRALIA): AWA Computers.
PROCESSOR: AMD 2901 (16-bit).
MEMORY RANGE: Up to 1Mb RAM.
DISC STORAGE RANGE: Up to 520Mb.
TERMINAL SUPPORT: Parallel printer port and up to 48 terminals (with or without attached serial printers).
PERIPHERALS: Supports two 1/2" magnetic tape drives, one 1/4" tape cartridge.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: £93,750.

M9000 SERIES

MANUFACTURER/LICENSEE: McDonnell Douglas Computer Systems Company [USA] / McDonnell Douglas Information Systems Ltd.
AGENT (AUSTRALIA): AWA Computers.
PROCESSOR: AMD 2901 (32-bit).
MEMORY RANGE: 512Kb to 8Mb RAM.
DISC STORAGE RANGE: 125Mb to 2Gb disc storage.
TERMINAL SUPPORT: 8 to 208 serial ports.
PERIPHERALS: Up to 4 parallel printer ports. Up to 4 x 1600bpi or 1600/3200bpi tape drives.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: £140,000 - £300,000.

M9310

MANUFACTURER/LICENSEE: McDonnell Douglas Computer Systems Company [USA] / McDonnell Douglas Information Systems Ltd.
AGENT (AUSTRALIA): AWA Computers.
PROCESSOR: AMD 2901 (32-bit).

M9320

MANUFACTURER/LICENSEE: McDonnell Douglas Computer Systems Company [USA] / McDonnell Douglas Information Systems Ltd.
AGENT (AUSTRALIA): AWA Computers.
PROCESSOR: AMD 2901 (32-bit).

M9330

MANUFACTURER/LICENSEE: McDonnell Douglas Computer Systems Company [USA] / McDonnell Douglas Information Systems Ltd.
AGENT (AUSTRALIA): AWA Computers.
PROCESSOR: AMD 2901 (32-bit).

2.3. Prime INFORMATION INFORMATION

Prime INFORMATION is a user-oriented relational database management information system, which emulates the PICK Operating System. It runs under the PRIMOS operating system and consists of the following elements: INFO/DMS - the online database management system; INFORM - an English-like language, non-procedural query and report writer; INFO/BASIC; the Editor; PERFORM - a multiple user command and control facility based on the PRIMOS operating system; ENTRO - a general purpose data entry facility; SIMPLE - an interactive menu-driven processor for performing interactive data entry, enquiry and update, database management and report generation.

PRIME 2250

MANUFACTURER/LICENSEE: Prime Computer Inc [USA] / Prime Computer (UK) Ltd.
MEMORY RANGE: 1Mb to 4Mb RAM.
DISC STORAGE RANGE: Up to 1.2Gb disc storage.
TERMINAL SUPPORT: Up to 32 users.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: Prices from £28,950. System with 2Mb RAM, 315Mb discs, tape unit £50,250.

PRIME 2550

MANUFACTURER/LICENSEE: Prime Computer Inc [USA] / Prime Computer (UK) Ltd.
MEMORY RANGE: 2Mb to 6Mb RAM.
DISC STORAGE RANGE: Up to 3.8Gb disc storage.
TERMINAL SUPPORT: Up to 64 users.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: Prices from £80,250.

PRIME 2655

MANUFACTURER/LICENSEE: Prime Computer Inc [USA] / Prime Computer (UK) Ltd.
MEMORY RANGE: 4Mb to 8Mb RAM.
DISC STORAGE RANGE: Up to 3.8Gb disc storage.
TERMINAL SUPPORT: Up to 64 users.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: Price: £80,300.

PRIME 9655

MANUFACTURER/LICENSEE: Prime Computer Inc [USA] / Prime Computer (UK) Ltd.
MEMORY RANGE: 4Mb to 8Mb RAM.
DISC STORAGE RANGE: Up to 10.8Gb disc storage.
TERMINAL SUPPORT: Up to 128 users.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: Prices from £120,000.

PRIME 9750

MANUFACTURER/LICENSEE: Prime Computer Inc [USA] / Prime Computer (UK) Ltd.
MEMORY RANGE: 4Mb to 12Mb RAM.
DISC STORAGE RANGE: Up to 10.8Gb disc storage.
TERMINAL SUPPORT: Up to 192 users.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: Prices from £203,000.

PRIME 9955

MANUFACTURER/LICENSEE: Prime Computer Inc [USA] / Prime Computer (UK) Ltd.
MEMORY RANGE: 4Mb to 16Mb RAM.
DISC STORAGE RANGE: Up to 10.8Gb disc storage.
TERMINAL SUPPORT: Up to 254 users.
PRICE RANGE/SPECIMEN CONFIGURATION COSTS: Typical configuration about £310,000.

2.4. REVELATION

Revelation is a PICK-emulative integrated relational database environment which operates under PCDOS or MSDOS on the IBM PC (or PC-compatible with any hard disc. It offers a full range of PICK-like facilities, including R/DESIGN (a system generator), TCL, PROC and R/BASIC. Other system generators such as System Builder will operate under Revelation. For full details of R/DESIGN and other Revelation software - see the relevant entries in the software section.

The Revelation environment (including some third-party products) includes: R/FILE (creates/clears or deletes files), R/EDIT (an interactive line editor), R/COPY (transfers data between Revelation and/or DOS files), R/LIST (comprehensive report writer and ad-hoc query language), R/BASIC (PICK/BASIC equivalent), R/COMM, R/NET (terminal emulator/minicomputer to PC data transfer utility), R/UPLOAD (PC to minicomputer data transfer utility), DBASE (conversion of dBase II files to Revelation), Forms generator, Full-screen text editor, R/MAKER, R/MERGE, R/LABELS, R/STATS, R/WORD.

As a database management system Revelation has the following characteristics: Records/file: limited by disc capacity only. Fields/record: 65535. Characters/record: 65535. Characters/field: 65535.

ORIGINATOR: Cosmos Inc [USA] / Cosmos Europe Ltd.
DISTRIBUTORS (UK): Aston Technology Ltd, I-Data plc, Intelligent Computer Services (Sales) Ltd, Paramount Business Systems, Unison Technology plc.

DISTRIBUTOR (FRANCE): Systems Decision Productive.

DISTRIBUTOR (NEW ZEALAND): AWA New Zealand Ltd.

DISTRIBUTOR (SWEDEN): AMI Datashop.

AGENTS (UK): Blue Water Computer Services, Centre Tec, Computer Options Ltd, Faxon Communications (UK) Ltd, Logical Choice, Micromill Ltd, Novell Data Systems Ltd, ORAC Information Systems Ltd, Programs Unlimited, System Options Ltd, Tolland Computers Ltd.
AGENT (AUSTRALIA): AWA Computers.

PROCESSOR: 8088, 8086, 80287.

MACHINE AVAILABILITY (NON-BUNDLED): ACT Apricot, Corona PC, DEC Rainbow, IBM PC, IBM PC/XT, IBM PC/AT, ITT Xtra, Olivetti M24, RML Nimbus, Wang Professional. Revelation will run on any PC-compatible machine, and will interface with minicomputers such as McDonnell Douglas, Mentor, IBM Series/1, Prime and Ultimate (in fact all PICK machines).

MINIMUM HARDWARE REQUIREMENTS: 320Kb RAM, 10Mb hard disc.

PRICE: Revelation: £750. Run-time Revelation (excludes R/DESIGN, R/BASIC and Manuals): £250. Revelation networking: £1,500 (4 user), £2,850 (10 user), £4,850 (32 user). Third-party Revelation products cost extra - see detailed descriptions. Swedish price: SwCr12,000.

3. PERIPHERALS

3.1. Communications Hardware

SYSTEM BRIDGE

MANUFACTURER/LICENSEE: Logical Choice.

PROCESSOR: 6809.

MEMORY RANGE: 256K RAM.

GENERAL DESCRIPTION: Programmable microcomputer for inter-computer communications. It makes use of the terminal RS232 ports of any four computers to allow data and program file transfer between them. It can easily be reprogrammed to suit different file transfer conditions. Specifically it allows for error checked file transfer between PICK (including McDonnell Douglas and Prime) and any other operating system environment (e.g. Unix, MS-DOS, CP/M, OASIS) over an asynchronous connection. System Bridge is programmed to take account of the data communications and file characteristics of the transmitting and receiving machines using PCOS (Programmable Communications Operating System) software.

TELEPORT

MANUFACTURER/LICENSEE: Windsor Electronics Inc [USA].

DISTRIBUTOR: Unison Technology plc.

PROCESSOR: 8088.

MEMORY RANGE: 256K RAM.

DESCRIPTION: Microprocessor-based, distributed processing system for PICK-based systems. It is designed to be placed between the host and an existing terminal. When attached, programs and subroutines are downloaded from the host and executed in the Teleport. It can also open files simultaneously on two hosts for data transfer, update or enquiry.

3.2. Networking

ARCNET

MANUFACTURER/LICENSEE: Datapoint Corporation [USA].

DISTRIBUTOR: General Automation Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Local Area Network that can link up to 255 Zebra systems for sharing data files and hardware resources. High reliability baseband token-passing scheme. Transfers data at 2.5 megabits per second. Can be linked in chain, star or hybrid configurations.

PRIMENET

ORIGINATOR: Prime Computer Inc / Prime Computer (UK) Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: Distributed networking facility providing complete local and remote network communications facilities for all Prime systems.

QUEST

ORIGINATOR: AWA Computers.

AVAILABLE ON: PICK - all.

DESCRIPTION: Quest provides interactive database networking over a wide range of intersystem data communication links. Some features include: support for all PICK-based systems, enabling an application program on one system to enquire upon or update database on other PICK-based systems; interfacing with multiplexing devices and public and private communications networks; hardware independence.

3.3. Special-Purpose Terminals

SCRIPT

DISTRIBUTOR(S): Sanderson Computers Ltd.

AGENTS: 4GL Computing, Unison Technology plc.

PRICE RANGE/SPECIMEN CONFIGURATION COSTS:

Script terminal: £1,495. Base station: £2,950.

DESCRIPTION: Hand-held terminal using radio data transmission for data capture, file enquiry and message traffic. Display is 8 line x 20 character LCD. Connects to host computer via a base station (which can control up to 6 terminals) connected to RS232 port running at 9600 baud.

4. SYSTEMS SOFTWARE

4.1. Communications

COMMUNICATIONS

DISTRIBUTORS: English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

PRICE: £395.

DESCRIPTION: Pinnacle to Pinnacle, Pinnacle to other machines, Pinnacle to remote peripherals, Pinnacle to electronic mail/telex.

COMMUNICATIONS PACKAGE

ORIGINATOR: Four-S Inc [USA].

DISTRIBUTOR: Aston Technology Ltd.

AVAILABLE ON: Crystal.

PRICE: £850.

DESCRIPTION: Asynchronous communications package which allows for the retrieval of Items, Files or Accounts from other PICK systems (including McDonnell Douglas); provides a series of TCL communication verbs; permits BASIC programs to be written to accommodate specific communications or network needs. The software also enables a terminal on the Crystal to act as though it were connected to the other system. An enhancement is expected which will permit direct interfacing to CP/M and MSDOS systems.

COM-SYS

ORIGINATOR/LICENSEE: Pick Systems [USA] / Four-S Inc [USA].

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Aston Technology Ltd, Intelligent Computer Services (Sales) Ltd.

AVAILABLE ON: IBM PC/XT, Sperry PC.

PRICE: £395.

DESCRIPTION: Terminal emulation and file transfer.

FILEVIEW

ORIGINATOR: System Options Ltd.

AVAILABLE ON: Prime, IBM PC.

DESCRIPTION: Allows any IBM PC or compatible to use a mini or mainframe computer as a filestore. A special version of the package is available to allow Revelation to access Prime INFORMATION files directly.

LANGHAM

ORIGINATOR: C2 Products Ltd

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas, Apple II, PICK - all.

PRICE: Terminal emulation: £295. File transfer and terminal emulation: £495.

DESCRIPTION: A software product that allows Apple computers to communicate with PICK-based mini computers. Includes full terminal emulation and file transfer. PC DOS/MSDOS versions are under development.

P.C. LINK

AGENT: Wootton Jeffreys Systems Ltd.

AVAILABLE ON: IBM PC, Prime.

DESCRIPTION: Allows two-way transfer of ASCII and binary files between the IBM PC and the Prime.

PICKNET

ORIGINATOR: Fantour Computer Services Ltd.

AGENTS: Many PICK systems houses and dealers.

AVAILABLE ON: McDonnell Douglas, PICK - all.

HARDWARE REQUIREMENTS: PICK or McDonnell

Douglas system; personal computer with 128Kb RAM and MS-DOS or PC DOS.

PRICE: £375.

DESCRIPTION: Allows PCs to be connected to PICK-based systems as intelligent workstations. MSDOS is treated as a 'slave' operating system allowing PC programs to be executed from TCL or PROC menus. Data sharing is by the use of a PC 'virtual' disc resident on the host PICK system. Printed output from PC programs may be routed to the PICK spooling system.

PROTEGE

ORIGINATOR: Applied Digital Data Systems Inc [USA].

DISTRIBUTOR (UK): Electronic Data Processing plc.

DISTRIBUTOR (AUSTRALIA): IMG Systems Pty Ltd.

AGENTS (UK): Adserve Computing Ltd, Applied Computer Expertise Ltd, Compaddress Ltd, Computer Factors (Sales) Ltd, Diagnostic Systems Ltd, Fletcher Computer Services Ltd, Ibex Computer Services Ltd.

AGENT (AUSTRALIA): Pick Power Pty Ltd.

AVAILABLE ON: M1000 personal computer or other IBM-compatible computer; Mentor.

DESCRIPTION: Provides interface between PC and Mentor systems, where the PC can be used as a programmed-function terminal with full control over the Mentor software and database. Text files generated on the PC may be transmitted to the Mentor. Mentor text information can be downloaded to the PC and further processed.

R/COMM

ORIGINATOR: Cosmos Inc [USA] / Cosmos Europe Ltd.

DISTRIBUTORS (UK): Aston Technology Ltd, I-Data plc, Intelligent Computer Services (Sales) Ltd, Paramount Business Systems, Unison Technology plc.

DISTRIBUTOR (FRANCE): Systems Decision Productive.

DISTRIBUTOR (NEW ZEALAND): AWA New Zealand Ltd.

DISTRIBUTOR (SWEDEN): AMI Datashop.

AGENTS (UK): Blue Water Computer Services, Centre Tec, Computer Options Ltd, Faxon Communications (UK) Ltd, Logical Choice, Micromill Ltd, Novell Data Systems Ltd, ORAC Information Systems Ltd, Programs Unlimited, System Options Ltd, Tolland Computers Ltd.

AGENT (AUSTRALIA): AWA Computers.

AVAILABLE ON: See main entry for Revelation.

DESCRIPTION: Designed to interactively connect PCs with mainframes and minicomputers via RS232C communications. The module includes a file server program that runs on all PICK-based computers.

R/LAN

ORIGINATOR: Cosmos Inc [USA] / Cosmos Europe Ltd.

DISTRIBUTORS (UK): Aston Technology Ltd, I-Data plc, Intelligent Computer Services (Sales) Ltd, Paramount Business Systems, Unison Technology plc.

DISTRIBUTOR (FRANCE): Systems Decision Productive.

DISTRIBUTOR (NEW ZEALAND): AWA New Zealand Ltd.

DISTRIBUTOR (SWEDEN): AMI Datashop.

AGENTS (UK): Blue Water Computer Services, Centre Tec, Computer Options Ltd, Faxon Communications (UK) Ltd, Logical Choice, Micromill Ltd, Novell Data Systems Ltd, ORAC Information Systems Ltd, Programs Unlimited, System Options Ltd, Tolland Computers Ltd.

AGENT (AUSTRALIA): AWA Computers.

AVAILABLE ON: See main entry for Revelation.

DESCRIPTION: Local area network module. It connects Revelation with other PCs via a wide range of popular

networks including Novell, Torus, IBM's PCNET, Nestar and 3Com. R/LAN uses a semaphore-based record locking scheme.

R/NET

ORIGINATOR: Cosmos Inc [USA] / Cosmos Europe Ltd.
DISTRIBUTORS (UK): Aston Technology Ltd, I-Data plc, Intelligent Computer Services (Sales) Ltd, Paramount Business Systems, Unison Technology plc.
DISTRIBUTOR (FRANCE): Systems Decision Productive.
DISTRIBUTOR (NEW ZEALAND): AWA New Zealand Ltd.
DISTRIBUTOR (SWEDEN): AMI Datashop.
AGENTS (UK): Blue Water Computer Services, Centre Tec, Computer Options Ltd, Faxon Communications (UK) Ltd, Logical Choice, Micromill Ltd, Novell Data Systems Ltd, ORAC Information Systems Ltd, Programs Unlimited, System Options Ltd, Tolland Computers Ltd.
AGENT (AUSTRALIA): AWA Computers.
AVAILABLE ON: See main entry for Revelation.
DESCRIPTION: Turns an IBM PC or compatible into a data entry terminal. With R/NET and a standard RS232C interface, data and programs can be transferred from a PICK-compatible computer to a microcomputer.

R/NET

ORIGINATOR: Coral Group.
AVAILABLE ON: Prime.
DESCRIPTION: Two-way communication between Prime computers and IBM PCs.

SMARTER/PC

ORIGINATOR: Persoft Inc [USA].
DISTRIBUTOR: Universal Computers Ltd.
AVAILABLE ON: Ultimate.
HARDWARE REQUIREMENTS: IBM PC: 2 discs, 96Kb memory, PCDOS 1.0 upwards.
DESCRIPTION: Enables use of IBM PC as a terminal to Ultimate computers. Files can be transferred to and from the PC and Ultimate machines.

TERMULATOR

ORIGINATOR: System Options Ltd.
AVAILABLE ON: Prime, IBM PC.
DESCRIPTION: Allows any IBM PC or compatible to connect to a host computer as a terminal, either directly or over the telephone network. It includes the following features: bidirectional ASCII and binary file transfer; autobaud rate detection and switching; login statistics recording and summary; telephone directory and auto-dial facility; command library; terminal protocol emulation; remote spooling.

TRAFFIC

ORIGINATOR: Coral Group.
AVAILABLE ON: Prime.
DESCRIPTION: Block transfer of data between machines without network controller. Uses RS232 communications via network connections or dedicated link. Includes binary transfer.

ULTINET

ORIGINATOR: Ultimate Corporation [USA].
DISTRIBUTOR: Ultimate Ltd.
AVAILABLE ON: Ultimate.
DESCRIPTION: Based upon Open Systems Interconnection protocols, UltiNet supports local area networks (Ethernet), wide area networks and public data networks, as well as allowing data transfer to IBM systems.

4.2. Computer Management

4/SIGHT

ORIGINATOR: Datec Ltd.
DESCRIPTION: Interactive package to forecast future system performance in PICK systems. It is designed to be used as a performance prediction tool by computer managers to allow them to: identify potential 'bottle-necks' in their system before these degrade the machine's performance; make planned decisions for the

acquisition of new hardware based upon reliable forecasts of future use; identify the specific hardware needed to upgrade the system effectively.

MPA - MICRODATA PERFORMANCE ANALYSIS

ORIGINATOR: Datec Ltd.
AVAILABLE ON: McDonnell Douglas.
DESCRIPTION: Designed to provide information about resource utilisation on McDonnell Douglas computers. The major functions are: to capture and summarise data from the accounting history file, stat file and the viewbase accounting file; to analyse data over user-defined periods; automatically to produce reports covering hourly, daily, and user-defined periods of analysis.

PROJECT MANAGER

ORIGINATOR: Real Time Business Systems Ltd.
DISTRIBUTOR: General Automation Ltd.
AVAILABLE ON: Zebra.
DESCRIPTION: PERT/CPM system enabling management to monitor and control every aspect of installation/conversion and providing standard appropriate to developing real-time integrated systems under PICK. Systems operational requirements, terms of reference and project activities and responsibilities are all clearly defined. A clear project plan is developed. Resource requirements are analysed and allocations made, including an analysis of the development and training required to support the project.

4.3. Database Management

DATABASE MANAGEMENT

DISTRIBUTOR: General Automation Ltd.
AVAILABLE ON: Zebra.

INFO/DMS

ORIGINATOR: Prime Computer Inc.
DISTRIBUTOR: Prime Computer (UK) Ltd.
BUNDLED ON: Prime.
DESCRIPTION: Online database management system within the Prime INFORMATION environment, with variable length files, records, fields, values and subvalues.

4.4. Graphics

ACCU/PLOT II

ORIGINATOR: AccuSoft Enterprises [USA].
DISTRIBUTORS: Aston Technology Ltd, Fletcher Computer Services Ltd, General Automation Ltd, Unison Technology plc, Wicat Systems Ltd.
AGENTS: Many PICK systems houses and dealers, including Intelligent Computer Services (Sales) Ltd.
BUNDLED ON: Altos, C.Itoh, Ultimate, Zebra.
AVAILABLE ON: IBM PC/XT, PICK - all, Prime, Sperry PC.
PRICE: £1,395; £395 (Sperry PC, IBM PC/XT), £995 (Crystal).
DESCRIPTION: ACCU/PLOT II is a user-friendly ENGLISH compatible package designed to produce professional-quality graphics. Using any one of four verbs, PLOT, SPLOT, PIE or SPIE, it is possible to create bar charts, line charts, scatter diagrams and pie charts (including 'exploded' pie charts) with the ability to change font sizes and insert headers and footers. There are also a set of functions which may be called from BASIC programs to generate unique graphics such as pictures or maps. Interfaces with Compu-sheet spreadsheet.

DYNAPLOT

ORIGINATOR: Dynatech Pty Ltd.
DISTRIBUTOR: DecisionWare Ltd.
AVAILABLE ON: Prime.
DESCRIPTION: Part of the DynaModel/DynaCalc series of packages. An interactive commercial graphics package. Graphs are plotted on screen and produced in hard copy by simple commands while the spreadsheet remains current within DynaCalc.

GRAPHICS

DISTRIBUTOR: Universal Computers Ltd.
AVAILABLE ON: Altos, Ultimate.

IMAGE

ORIGINATOR: A.V.C. [USA].
DISTRIBUTOR: PM Associates Ltd.
AVAILABLE ON: Prime
DESCRIPTION: Menu-driven colour graphics system, consisting of four modules: Chart which allows the user to create line, bar or pie charts; Link-up which is used with Chart and allows the user to create charts using information in a stored file; Map which allows the user to create maps that display geographically related data such as market or customer distributions (Map accepts geo-coded data); Mark-up allows the user to create free-form graphic images, such as flow charts, organisational diagrams and office or factory layouts.

SUPERGRAPH

DISTRIBUTOR: General Automation Ltd.
BUNDLED ON: Zebra.

SUPERPLOT

ORIGINATOR: McDonnell Douglas Information Systems Ltd.
AVAILABLE ON: McDonnell Douglas.
DESCRIPTION: High quality graphics system.

4.5. Languages**C COMPILER**

ORIGINATOR: Visiondata Ltd.
DESCRIPTION: Full-function Unix standard C compiler. Based upon the VMAP assembler, the C code compiles into VMAP code.

VIRTUAL MACHINE ASSEMBLY PROCESS

ORIGINATOR: Visiondata Ltd.
DESCRIPTION: Appears to the programmer as a 'traditional' assembler language (similar to DEC assembler). It compiles into an object code which runs under a run-time interpreter system. Use of VMAP ensures that the programmer need not use PICK assembler.

4.6. Report Generators**EASY**

ORIGINATOR: Timeslice Ltd.
AVAILABLE ON: Crystal.
PRICE: £500.
DESCRIPTION: EASY is a sentence builder which takes the user through the setting up of an ACCESS statement ensuring that the syntax is correct and validating the fields entered. The sentence may be stored for future use.

EXECUTIVE FILING SYSTEM

ORIGINATOR: CDI Information Systems Inc [USA].
DISTRIBUTOR: I-Data plc.
BUNDLED ON: IBM Series/1.
DESCRIPTION: End-user information retrieval program.

FORMS-GEN

ORIGINATOR: Interactive Systems Inc [USA].
DISTRIBUTORS: Aston Technology Ltd, Fletcher Computer Services Ltd, Timeslice Ltd.
AGENTS: General Automation Ltd, Wicat Systems Ltd.
AVAILABLE ON: Crystal, Wicat, Zebra.
DESCRIPTION: Report generator that allows for formatted output from a data base.

FORMS-REPORTER

ORIGINATOR: Selima Software Ltd.
DISTRIBUTOR: Aston Technology Ltd.
AGENTS: Aston Technology dealer network, Logman Computer Services Ltd.
AVAILABLE ON: Crystal, PICK - all.
HARDWARE REQUIREMENTS: 1Mb RAM.
PRICE: Free with FORMS modules.

DESCRIPTION: Data extraction module which enables the user to generate ACCESS statements, by providing only the necessary variables and parameters. Reports and enquiries may be tested repeatedly before being fixed into a menu system.

INFORM

ORIGINATOR: Prime Computer Inc.
DISTRIBUTOR: Prime Computer (UK) Ltd.
BUNDLED ON: Prime
DESCRIPTION: English-like language, nonprocedural query and report writer within the Prime INFORMATION environment.

INFORMER

ORIGINATOR: Datec Ltd.
DESCRIPTION: A report generator and system documentor which guides the user through a series of input statement which are used to format an enquiry, validates dictionary names and syntax at each step, allows the user to view the column heading, length and justification of each dictionary item, caters for headings, footing, beaker points, etc., documents and maintains file layouts.

PROMPTER

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.
BUNDLED ON: McDonnell Douglas.
DESCRIPTION: Prompter guides an unsophisticated user in initiating database enquiries. It asks questions of the user (e.g. Which command interests you?, Which file interests you?, What selection criteria do you want?) and generates an English retrieval statement.

RAPID ACCESS DATA ADMINISTRATOR (RADA)

ORIGINATOR: Coral Group.
AVAILABLE ON: Prime.
DESCRIPTION: This comprehensive information management system works by offering the user any number of 'keyword' selections by which the system will cross-reference the parent source documents or files. A menu-driven system permits the user to extract from the database, records, text files or just words by using any 'keyword' given at the cross-referencing stage. It includes the following modules: Names and addresses system, Text management, Tele-conferencing and electronic mail, document generation, word processing and program and procedure drivers.

REPORTER

ORIGINATOR: MOS Computers Ltd.
AVAILABLE ON: Mentor.
PRICE: £850.
PROGRAM SUITE: TARGET.

SCAN

ORIGINATOR: Electronic Data Processing plc.
AVAILABLE ON: Mentor.
DESCRIPTION: Report writer enabling access from several files, together with selective extracting on criteria, sorting and totalling. Mailing labels can also be produced.

SEEK

ORIGINATOR: General Physics Corporation [USA].
DISTRIBUTOR: DataBase Information Systems & Services Ltd.
AVAILABLE ON: PICK - all.
DESCRIPTION: Enquiry/information retrieval system designed to support information management applications. SEEK is user-friendly and employs a plain English query language. Some features include: table-driven system, provision of prompts and 'help' capability for data input and editing, flexible report generator, menu-driven, ensures data security.

SEEQ (SYSTEM FOR EXPRESSING ENGLISH QUERIES)

ORIGINATOR: Fletcher Computer Services Ltd.

AVAILABLE ON: PICK - all, Prime.

PRICE: £300.

DESCRIPTION: SEEQ provides a prompted screen for constructing enquiries when using the data retrieval language ACCESS. ACCESS is easy to use in its native form, but more complex requests can be time-consuming to compile or amend. SEEQ generated reports can be recalled by report identity and amended at will. Stored SEEQ reports become part of an evolving library of data retrieval facilities held on a user account which are entirely under the users own control.

TELLUS

ORIGINATOR: Applied Computer Expertise Ltd.

AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.

DESCRIPTION: Report generator program offering selection, sort, layout, totalling facilities. Tellus also allows the user to save the defined report in a user menu. Column widths may be changed prior to printing.

4.7. Spreadsheets and Modelling Systems

CALCUMENTOR

DISTRIBUTOR (UK): Electronic Data Processing plc.

DISTRIBUTOR (AUSTRALIA): IMG Systems Pty Ltd.

AGENTS (UK): Adserve Computing Ltd, Applied Computer Expertise Ltd, Compaddress Ltd, Computer Factors (Sales) Ltd, Diagnostic Systems Ltd, Fletcher Computer Services Ltd, Ibex Computer Services Ltd.

AGENT (AUSTRALIA): Pick Power Pty Ltd.

AVAILABLE ON: Mentor.

DESCRIPTION: Spreadsheet with unlimited rows and columns. Has three-dimensional capability. Bar graphs can be printed.

COMPU-SHEET

ORIGINATOR: Interactive Systems Inc [USA].

DISTRIBUTORS: Aston Technology Ltd, Fletcher Computer Services Ltd, Timeslice Ltd.

AGENTS: General Automation Ltd, Intelligent Computer Services (Sales) Ltd, Wicat Systems Ltd. Many PICK systems houses and dealers.

BUNDLED ON: IBM Series/1, Zebra.

AVAILABLE ON: Crystal, Mentor, McDonnell Douglas, Prime, Sabre, Wicat, Zebra.

PRICE: £895. £495 (Crystal).

DEVELOPMENT SYSTEM/LANGUAGE: BASIC.

DESCRIPTION: Unlimited columns and rows. Worksheet size up to 32,267 characters. Multiple worksheet consolidation. Interfaces with Accu-plot graphics software.

DYNACALC

ORIGINATOR: Dynatech Pty Ltd.

DISTRIBUTORS: DecisionWare Ltd, Wootton Jeffreys Systems Ltd.

AVAILABLE ON: Prime.

HARDWARE REQUIREMENTS: Prime 2250, 1Mb RAM, 68 Mb Winchester disc.

PRICE: £4,500.

DESCRIPTION: Spreadsheet with comprehensive mathematical and trigonometrical functions. It is 52 columns wide by 500 rows deep. It is linked with DynaModel and DynaPlot.

DYNAMODEL

ORIGINATOR: Dynatech Pty Ltd.

DISTRIBUTOR: DecisionWare Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: DynaModel consists of three packages: DynaCalc, DynaModel and DynaPlot. The first two may be used as stand-alone packages and are more fully described elsewhere. DynaModel is a procedural modelling language incorporating its own text editor designed to simplify creation of and pre-audit modules prior to

storage on disc to ensure their correct syntax. The versatility is further enhanced by provision for incorporation of user-defined functions and commands. There are extensive facilities for interfacing with existing files and for data migration.

EXECCALC

DISTRIBUTOR: General Automation Ltd.

BUNDLED ON: Zebra.

DESCRIPTION: Financial planning program which allows the user to explore decision results before implementation.

FINANCIAL MODELLING

DISTRIBUTOR: Universal Computers Ltd.

AGENT: Timeslice Ltd.

AVAILABLE ON: Ultimate.

DESCRIPTION: Matrix arithmetic, arithmetic functions, financial functions, sensitivity analysis, report generation, cash flow forecasting, decision planning.

FINANCIAL MODELLING SYSTEM

ORIGINATOR: CDI Information Systems Inc [USA].

DISTRIBUTOR: I-Data plc.

AVAILABLE ON: IBM Series/1.

DESCRIPTION: Maximum size up to 32,000 characters. Formulas provide for reading other worksheets and files. Ability to call external BASIC subroutines.

FISCAL

ORIGINATOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Financial modelling package for top management, accountants and analysis incorporating database management reporting, forecasting and econometrics.

MANAGEMENT MODELS

ORIGINATOR: Real Time Business Systems Ltd.

DESCRIPTION: A simple modelling package designed for managers. Features include: any data in any system in the database can be modelled, changed and re-modelled; unlimited enquiry and reporting facilities; the system will manipulate multiple, integrated files; models and files can be saved for future use.

PLAN PLUS

ORIGINATOR: Plan Plus UK.

DEVELOPMENT SYSTEM/LANGUAGE: BASIC.

DESCRIPTION: Financial modelling/spreadsheet system. Reporting models can vary from 50 to 500 rows and from 1 to 250 columns. Interfacing with nominal ledger or other systems can be done directly. The user may mix Plan Plus calculation statements with BASIC statements as well as define their own functions and subroutines.

REALCALC

ORIGINATOR: McDonnell Douglas Computer Systems Company [USA].

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

SPREADNEAT

ORIGINATOR: Crescendo Associates Inc [USA].

DISTRIBUTOR: PM Associates Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

PRICE: £2,250.

ULTICALC II

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Ultimate.

XPLAN PLUS

ORIGINATOR: Plan Plus UK.

DEVELOPMENT SYSTEM/LANGUAGE: BASIC.

DESCRIPTION: Financial modelling/spreadsheet system. Reporting models can vary from 50 to 500 rows and from 1 to 250 columns. Interfacing with nominal ledger or

other systems can be done directly. The user may mix Plan Plus calculation statements with BASIC statements as well as define their own functions and subroutines.

4.8. System Generators

ABGEN

DISTRIBUTOR: PM Associates Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: Generator of data entry programs for INFORMATION/PICK. Enables quick definition and documentation of screen layouts and allows easy modification.

ADEPT (APPLICATION DEVELOPMENT ENVIRONMENT PRODUCTIVITY TOOL)

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: ADEPT is a productivity tool aimed at providing quick and convenient access to various system functions and processes, within the ALL and Reality environment. It offers a menu development system, file and function maintenance, user documentation, and enhanced security.

ALL (APPLICATION LANGUAGE LIBERATOR)

ORIGINATOR: McDonnell Douglas Computer Systems Company [USA].

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

BUNDLED ON: McDonnell Douglas.

DESCRIPTION: Fourth Generation applications generator. Menu driven system which enables the user to handle screens, access files and produce reports.

BUILDERPLUS

ORIGINATOR: ORAC Information Systems Ltd.

AVAILABLE ON: Crystal.

DESCRIPTION: Extension to facilities of System Builder giving extensive facilities for indexing, fast indexed searching and true record locking. Specially useful where large data files need to be regularly interrogated.

CREATOR

ORIGINATOR: Logical Choice.

AGENTS: General Automation Ltd, Unison Technology plc. Many PICK software house and dealers.

BUNDLED ON: Altos, C.Itoh, Zebra.

AVAILABLE ON: Ultimate. McDonnell Douglas, Prime in early 1986.

DESCRIPTION: Application generator designed to provide a consistent and bug-free framework for data entry, enquiry, report and menu programs. It operates in six stages from a standard menu: file definition, screen design, code insertion, help text, automatic application generation and documentation. Hooks are provided into additional PICK/BASIC routines. CREATOR generates PICK/BASIC code. A development tool suitable for technical and non-technical personnel, increasing programmer productivity by as much as 80%.

DATABASE GENERATOR

ORIGINATOR: Real Time Business Systems Ltd.

DESCRIPTION: Creates real-time integrated systems. Features include: inclusion of cross-referencing, multi-values, validations, help and error messages; standard and exception reports can be created; a separate log of transactions can be created and maintained; an English-like retrieval language.

EASY SCREEN

DISTRIBUTORS: English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

PRICE: £495.

DESCRIPTION: Full applications generator, which allows the user to create screens for data entry and update. Permits multi values and controlling and dependent fields.

ESCAPE:ASL

ORIGINATOR: KRM Software Development Company [USA].

DISTRIBUTOR: Specialist Computer Systems and Software Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: Prototyping system for program development, screen handling and reports. Includes automatic documentation facilities. Application requirements are expressed in simple English. Sentences can be written which define a data entry process complete with editing and validation. The corresponding program source code, on-line help and application documentation are generated automatically, and the program can be executed immediately.

FILEWALKER

ORIGINATOR: Timeslice Ltd.

AVAILABLE ON: Crystal.

PRICE: £2,000.

DESCRIPTION: A suite of software utility programs designed to provide instant access to very large data files. Filewalker has two main components: the maintenance of a B-tree index and a dynamic interrogation method. It includes control of insertions, amendments and deletions; index ordered on Item-ID or any other attribute; interrogation with PICK/BASIC programs; ability to logically scan files and several other features.

GCODE-85

ORIGINATOR: DecisionWare Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: A high level code generator with the following features: utilities, multiple screens, code documentor, full screen painting, command level interface, user definable conventions, menu painter & generator, option data amendment by prompt number or cursor control, full help facilities, cross-referencing on any field, multivalue scrolling up and down or side to side, multivalue associations, file creations, dictionary definitions. Generates PICK/BASIC or INFO/BASIC code.

GENESYS

ORIGINATOR: Triad Software Pty Ltd.

AVAILABLE ON: IBM PC/XT and compatibles, PICK - all.

DESCRIPTION: System generator which produces BASIC source code. GENESYS handles multi-screens, multi-values and any number of files. Other features include: automatic next ID, on-line help functions (both in GENESYS and in programs), automatic file validation, display-only fields, record locking.

IFM (INTELLIGENT FILE MAINTENANCE)

ORIGINATOR: Applied Computer Expertise Ltd.

DESCRIPTION: File maintenance utility which allows the change of file structures and field characteristics, creation of new files, changes to screen layouts, maintenance of key files as well as interfacing with PROCs or BASIC subroutines. IFM contains its own HELP menu.

IMPLEMENTOR

ORIGINATOR: Applied Digital Data Systems Inc [USA].

DISTRIBUTOR (UK): Electronic Data Processing plc.

DISTRIBUTOR (AUSTRALIA): IMG Systems Pty Ltd.

AGENTS (UK): Adserve Computing Ltd, Applied Computer Expertise Ltd, Compaddress Ltd, Computer Factors (Sales) Ltd, Diagnostic Systems Ltd, Fletcher Computer Services Ltd, Ibex Computer Services Ltd.

AGENT (AUSTRALIA): Pick Power Pty Ltd.

AVAILABLE ON: Mentor.

DESCRIPTION: Application generator that creates 'fill-in-the-blank' type data entry and data output programs. The program definition is created by responding to Implementor prompts and can then be generated, compiled and catalogued into a PICK/BASIC program. Full range

of data validation, checking and documentation facilities. Up to 10 files can be updated at the same time and up to 80 fields can be included in an application program definition.

INSIDE

ORIGINATOR: Hooper Systems & Technology Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: Screen design system for programmers giving easy input screen creation with validation and micro-like layered help messages.

LIBRA APPLICATION GENERATOR

ORIGINATOR: Simdell Ltd.

AVAILABLE ON: Crystal, McDonnell Douglas, PICK - all, Prime.

PRICE: From £2,000 (£300 annual maintenance).

DESCRIPTION: Complete system generator providing fast development facilities for both computing professionals and end-users. Allows linking of external PICK/BASIC routines. Self-documenting. Full support and training provided.

NATURAL LANGUAGE

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

BUNDLED ON: McDonnell Douglas.

DESCRIPTION: Natural Language exists in both a basic and an extended form. In its basic form, it allows a user to associate his own words with file names and field names (attributes) in files. In its extended form comes the power of fully personalised associations and the possibility of learning data values within files which are important to a user. It uses pattern matching techniques, comparing users' requests with its own vocabulary. It will then use inference processing to rectify omissions and ambiguities, referring to the user via an interactive dialogue to clarify points and outline its reasoning.

PACE

ORIGINATOR: Ampersand Systems Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: Application system builder consisting of six integrated modules: Input option (generates input screens), Report generator (used to design and implement both hard copy reports and screen enquiries); Menu builder (allows the user to construct a set of menus for an application); Data dictionaries; Documentation system (which automatically compiles and prints a document which forms the basis of a user manual); General terminal driver.

PARADYME

ORIGINATOR: Computerstyle Ltd.

DESCRIPTION: System development tool which consists of two parts: a screen paint utility which enables the user to design and modify the screen, and the parameter definition utility which allows the entering of a range of parameters which define what is required of the program.

PDQ (PROGRAM DEVELOPMENT & QUERY)

ORIGINATOR: Software Group [USA].

DISTRIBUTOR: Fletcher Computer Services Ltd.

AVAILABLE ON: PICK - all, Prime.

PRICE: £1,000.

DESCRIPTION: PDQ is a PICK/BASIC or INFO/BASIC system generator designed for non-computer trained users. Creating files, defining and entering data into files and developing meaningful reports is all done without the need to write a single line of code. PDQ is a subset of TPS.

PIXIE SYSTEM DEVELOPMENT AID

ORIGINATOR: Datastart (Computer Services) Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Zebra.

PRICE: £850.

DESCRIPTION: Application generator which enables file, creation, file dictionaries, menu screens, update screens, display screens and enquiries to be rapidly developed. PIXIE also provides system documentation and an audit trail of all file changes.

PRO-FILE

ORIGINATOR: Applied Computer Expertise Ltd.

AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.

DESCRIPTION: System generator which allows the user to create files, define screens and processes on data fields, maintain key files automatically, etc.

QUICKPICK

ORIGINATOR: Fenwick Software Pty Ltd.

DESCRIPTION: A 4GL product with no design or performance penalties, providing data processing professionals with control and productivity in system development, day-to-day running and maintenance.

R/DESIGN

ORIGINATOR: Cosmos Inc [USA] / Cosmos Europe Ltd.

DISTRIBUTORS (UK): Aston Technology Ltd, I-Data plc, Intelligent Computer Services (Sales) Ltd, Paramount Business Systems, Unison Technology plc.

DISTRIBUTOR (FRANCE): Systems Decision Productive.

DISTRIBUTOR (NEW ZEALAND): AWA New Zealand Ltd.

DISTRIBUTOR (SWEDEN): AMI Datashop.

AGENTS (UK): Blue Water Computer Services, Centre Tec, Computer Options Ltd, Faxon Communications (UK) Ltd, Logical Choice, Micromill Ltd, Novell Data Systems Ltd, ORAC Information Systems Ltd, Programs Unlimited, System Options Ltd, Tolland Computers Ltd.

AGENT (AUSTRALIA): AWA Computers.

AVAILABLE ON: See main entry for Revelation.

DESCRIPTION: Part of Revelation. Menu-driven applications generator which creates files, dictionaries and screens, as well as having a data entry option. Documentation and R/BASIC code can also be produced.

SCREEN-GEN

ORIGINATOR: Interactive Systems Inc [USA].

DISTRIBUTORS: Aston Technology Ltd, Fletcher Computer Services Ltd, Timeslice Ltd.

AGENTS: General Automation Ltd, Wicat Systems Ltd.

AVAILABLE ON: Crystal, Wicat, Zebra.

DESCRIPTION: Data entry processor.

SIMPLE

ORIGINATOR: Prime Computer Inc [USA].

DISTRIBUTOR: Prime Computer (UK) Ltd.

BUNDLED ON: Prime.

DESCRIPTION: Interactive, menu driven processor for performing data entry, inquiry and update, database management and report generation, operating within the Prime INFORMATION environment.

STRIDE

DISTRIBUTOR: Next Generation Software (UK) Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: Applications program development environment in which concise English-like sentences are translated to generate efficient INFO/BASIC code. STRIDE enables generation of data entry, enquiry, update and report processing programs. Additional data entry edit, range check and file validation definitions are provided in standard dictionaries. Transaction logging & recovery and audit trail facilities are provided.

SYSTEM BUILDER

ORIGINATOR: Atech System Builder Ltd [Switzerland].

DISTRIBUTOR: Aston Technology Ltd.

AGENTS: Centre Tec, Computer Options Ltd. Many PICK systems houses and dealers.

BUNDLED ON: Sabre, Crystal.

AVAILABLE ON: IBM PC/XT, IBM PC/AT, IBM Series/1, IBM 30XX, IBM 4300.

PRICE: £400.

DESCRIPTION: Application development system which allows the user to create, re-size and delete files, define the dictionary, define fields, screens and reports, set up menus, define default and validation options, define print formats, transaction inquiries and periodic file updates. User help texts can also be defined. System Builder will also run under Revelation.

SYSTEMS DESIGNER

DISTRIBUTOR: Wootton Jeffreys Systems Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: A system generator that will produce a complete interactive commercial application system using screen painting, prototyping techniques. The designer will firstly describe some basic system-wide parameters, then each interactive function can be specified with the aid of a screen painter. Once agreed with the user, the system will generate, compile and install all required programs.

TOOLBOX

ORIGINATOR: Peat, Marwick, Mitchell & Company.

AVAILABLE ON: Prime.

DESCRIPTION: A set of software tools designed for use with Prime INFORMATION. The tools allow rapid development of sophisticated computer systems and provide the systems developed with additional facilities in screen handling, especially multi-valued fields, ad-hoc enquiries and security to field level.

TPS (THE PROGRAMMER SYSTEM)

ORIGINATOR: Software Group [USA].

DISTRIBUTORS (UK): Fletcher Computer Services Ltd, Universal Computers Ltd.

DISTRIBUTOR (AUSTRALIA): IMG Systems Pty Ltd.

AVAILABLE ON: Crystal, IBM PC/XT, IBM Series/1, Mentor, McDonnell Douglas, Prime, Sabre, Zebra.

HARDWARE REQUIREMENTS: 256Kb RAM, 20Mb disc storage.

PRICE: £6,000; A\$13,000.

DESCRIPTION: Designed to aid programmers in the development of application programs. Will also allow non-technical users to develop and use simple data entry programs. Programs create print images of all menus and screens and pick up any entered descriptive text to create a RUNOFF item for the documentation. TPS users have experienced decreases in the time required to perform the following tasks by as much as 80%: creation of files and related dictionary items; creation, editing, compiling, testing and documentation of input screens; creation of programs to maintain all files related to a previously created data entry screen; combining of multiple stand-alone programs into a function processing arrangement; creation of menus incorporating file validation of variables with complete cross-referencing; editing, compiling, printing and testing of programs, menus, screens and procedures; preparation of system documentation; building reports.

UHL (ULTRA HIGH LEVEL) LANGUAGE

AGENT (AUSTRALIA): Clegg Driscoll Consultants Pty Ltd.

..

DESCRIPTION: PICK generator.

UPDATE

ORIGINATOR: Timeslice Ltd.

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Ultimate.

DESCRIPTION: System generator which offers the following facilities: Screen handler, which allows the user to define a screen together with its associated prompts, validation and help messages; File updater which offer automatic updating of an item and its related indices, full indexing, optional maintenance of an audit trail; Audit program which automatically produces a

complete audit trail with reports; Dictionary generator which generates dictionary items for a file directly from the update parameters; Screengen which produces printouts of Update screens.

WIZARD II

ORIGINATOR: Automatic Programming Inc [USA].

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Wicat Systems Ltd.

BUNDLED ON: C.Itoh.

AVAILABLE ON: PICK - all.

PRICE: From £595 (PCs) to £2,950 (larger machines).

DESCRIPTION: Application development system, which creates complete data entry screens, reports and menus as well as complete documentations. Allows the user to browse through reports on the terminal, and permits browsing forward, backward, left or right, regardless of the report length or width. Has complete training and usage instructions on-line.

4.9. Training Aids

HELP

ORIGINATOR: Clear Systems Ltd.

AVAILABLE ON: PICK - all.

PRICE: £150 + £50 per system.

DESCRIPTION: HELP allows the user to browse through pages of help text using any size window. The main features are: easily invoked from BASIC programs or PROCS, allows live data to be inserted at run-time, may be used for error messages and subsequent clarification.

PICK HELP PROCESSOR

ORIGINATOR: JES & Associates Inc [USA].

DISTRIBUTORS: Aston Technology Ltd, Wicat Systems Ltd.

AVAILABLE ON: Crystal, Wicat.

PRICE: £75 (Crystal).

DESCRIPTION: On-line version of the *PICK Pocket Guide*. Help is activated from TCL by entering the command 'HELP' followed by the desired command. Over 650 help screens are provided and each displays the requested command's syntax, any related options and a concise explanation of its functions and use.

PROF

ORIGINATOR: Crescendo Associates Inc [USA]

DISTRIBUTORS: Aston Technology Ltd, Fletcher Computer Services Ltd.

AVAILABLE ON: IBM PC/XT, IBM PC/AT, PICK - all, Prime.

PRICE: £780.

DESCRIPTION: Electronic learning system which covers all aspects of PICK, including TCL, Access, PROC, PICK/BASIC, Editor and includes an online 'HELP' feature for every TCL command. PROF leads the user through simulated hands-on work sessions, as well as an Electronic Master Index which provides an alphabetical list of subjects enabling the user to access any desired lesson.

U-TEACH

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Ultimate.

DESCRIPTION: On-line tutorial system to PICK and the Ultimate range of machines. Consists of about 150 screen pages. Includes an alphabetical index to topics so that any topic can be chosen.

4.10. Utilities

ADMINISTRATOR

ORIGINATOR: Kalamazoo plc.

DISTRIBUTOR: Aston Technology Ltd.

AVAILABLE ON: Crystal.

PRICE: £350.

DEVELOPMENT SYSTEM/LANGUAGE: System Builder.

DESCRIPTION: Administrator is a stand-alone utility which enables business users and software developers

to administer multi-user applications systems. It is an aid to non-technically oriented personnel involved in the day to day administration of systems. Some facilities include: Full menu driven options; Extensive user-friendly access to complex PICK facilities; Full control of system configuration e.g. allocation of printers to specified VDUs; Configuration and control of the print spooler. It includes full System Builder facilities i.e. online HELP and ENQUIRY.

AMENDER

ORIGINATOR: Electronic Data Processing plc.
AVAILABLE ON: Mentor.
DESCRIPTION: File maintenance software with facilities to insert, update and delete records, either individually or with a block amendment facility. Fields can be locked out and there are real-time validation checks.

EDWARD

ORIGINATOR: Drancel Computers Ltd.
AVAILABLE ON: Prime.
DESCRIPTION: A full screen editor for Prime INFORMATION users. It is designed to closely resemble EMACS.

ENTRO

ORIGINATOR: Prime Computer Inc.
DISTRIBUTOR: Prime Computer (UK) Ltd.
BUNDLED ON: Prime.
DESCRIPTION: General purpose structured update and data entry utility operating within the Prime INFORMATION environment.

FILE-CARE

ORIGINATOR: Coral Group.
AVAILABLE ON: Prime.
DESCRIPTION: Automatic resizing of INFORMATION files.

FILESIZER

ORIGINATOR: Datec Ltd.
DESCRIPTION: Assists the installation manager in the task of identifying those files which are in need of resizing, and recommends in each case a more appropriate modulo and separation. Other facilities include disk fragmentation analysis, prime number identification and pointer file maintenance.

FILE-TUNE

ORIGINATOR: Coral Group.
AVAILABLE ON: Prime.
DESCRIPTION: Reviews INFORMATION type files to report overflow groups, empty groups and total number of real bytes to supplement Hash.help testing of files. Produces hardcopy reports and runs 6 times faster than Hash.help.

INFO ACCESS SUBROUTINES

ORIGINATOR: Coral Group.
AVAILABLE ON: Prime.
DESCRIPTION: Fortran subroutines to access INFORMATION files (types 2-9). Reads/writes hash encoded files at times the speed of INFORMATION.

INDEX

ORIGINATOR: Clear Systems Ltd.
AVAILABLE ON: PICK - all.
PRICE: £750 + £250 per system.
DESCRIPTION: Gives full index-sequential update and access facilities to any PICK database. The main features are: dictionary driven, any size file handled, enables easy cross-referencing and transaction.lists, on-line and batch update.

INTERFACE

ORIGINATOR: Coral Group.
AVAILABLE ON: Prime.
DESCRIPTION: Allows interface between PRIMOS and INFORMATION files.

LOGIN PROCESSOR

ORIGINATOR: Coral Group.
AVAILABLE ON: Prime.
DESCRIPTION: Master control of logins and logouts and also provides invoices for timesharing clients. Provides user friendly system for the user of ALCS.

MENU

ORIGINATOR: Clear Systems Ltd.
AVAILABLE ON: PICK - all.
PRICE: £400 + £100 per system.
DESCRIPTION: A TCL command which gives windowed and command level access to application software. The main features are: may be invoked from BASIC programs (requires Execute) or TCL, password protection, operates in either menu or command modes, any size & position window.

NEWPROC TO BASIC CONVERTER

ORIGINATOR: Clear Systems Ltd, Barton, P.J.
DISTRIBUTOR: Clear Systems Ltd.
AVAILABLE ON: PICK - all (with Execute statement).
PRICE: £4,000 + £500 per system.
DESCRIPTION: Converts McDonnell Douglas Newprocs (PQNs) to PICK/BASIC source, allowing software using Newprocs to run on systems which do not support them. The main features are: uses the Execute statement in BASIC, retains original line numbers, error reports, option to print Newprocs and converted source, all Newproc features simulated.

OPERATIONS MANAGER

ORIGINATOR: Real Time Business Systems Ltd.
DESCRIPTION: Designed to increase user-independence by providing tools for operating and maintaining the system through simple menus. Features include: one non-technical member of staff is able to perform all the tasks necessary to run the computer; Menus, passwords and dictionaries can be easily created and maintained; overnight scheduler for reports, etc; messages transmitted to terminals; efficiency and work load of users can be monitored.

R/COPY

ORIGINATOR: Cosmos Inc [USA] / Cosmos Europe Ltd.
DISTRIBUTORS (UK): Aston Technology Ltd, I-Data plc, Intelligent Computer Services (Sales) Ltd, Paramount Business Systems, Unison Technology plc.
DISTRIBUTOR (FRANCE): Systems Decision Productive.
DISTRIBUTOR (NEW ZEALAND): AWA New Zealand Ltd.
DISTRIBUTOR (SWEDEN): AMI Datashop.
AGENTS (UK): Blue Water Computer Services, Centre Tec, Computer Options Ltd, Faxon Communications (UK) Ltd, Logical Choice, Micromill Ltd, Novell Data Systems Ltd, ORAC Information Systems Ltd, Programs Unlimited, System Options Ltd, Tolland Computers Ltd.
AGENT (AUSTRALIA): AWA Computers.
AVAILABLE ON: See main entry for Revelation.
DESCRIPTION: Converts MSDOS or PCDOS files to Revelation's variable length record format. REV files can also be converted to DOS format.

RESPONSE METER

ORIGINATOR: Coral Group.
AVAILABLE ON: Prime.
DESCRIPTION: An effective alternative to USAGE. The monitor portion lists page faults disk ID per drive, locates misses, etc. The report options include hard or screen copy.

RESURRECTION

ORIGINATOR: System Options Ltd.
AVAILABLE ON: Prime.
DESCRIPTION: Recording and replay system that can be used with any package. It works by recording keystrokes onto a shared logfile. The keystrokes can then be replayed through the original programs. It can be used

to provide an 'after image' recovery facility and also for system and program testing, operator training or for management presentations.

R/MAKER

ORIGINATOR: Cypher [USA].

DISTRIBUTOR: Unison Technology plc.

AVAILABLE ON: See main entry for Revelation.

PRICE: £175.

DESCRIPTION: Provides tools for creating and maintaining menus, screen and reports as well as system wide security. In addition, R/MAKER provides and automatic interface to WordStar and Lotus 1-2-3 files.

R/STATS

ORIGINATOR: Stratus Software Corp [USA].

DISTRIBUTOR: Unison Technology plc.

AVAILABLE ON: See main entry for Revelation.

PRICE: £30.

DESCRIPTION: Powerful utility which checks all data in a system for frame format errors and for overflowing files. Produces report of each account and each file with file sizes, number of items in each file, frame/overflow statistics and more.

SupR/EDIT

ORIGINATOR: Stratus Software Corp [USA].

DISTRIBUTOR: Unison Technology plc.

AVAILABLE ON: See main entry for Revelation.

PRICE: £175.

DESCRIPTION: Full screen editor for Revelation which lets the user create and maintain programs. It includes string location, undo, macros, window, view & duplicate commands, linemarkers and timestamping.

SYSTEM SECURITY

ORIGINATOR: Real Time Business Systems Ltd.

DESCRIPTION: A package which ensures that the user is in control of and can monitor the system security. Features include: data is protected by regular, menu-driven file-save facilities; protection from unauthorised use by a system of interlocking passwords and menus; optimising of system to ensure maximum efficiency; overnight runs such as filesaves; identification and analysis of user activities at any time.

TEXT

ORIGINATOR: Cosmos Inc [USA] / Cosmos Europe Ltd.

DISTRIBUTORS (UK): Aston Technology Ltd, I-Data plc, Intelligent Computer Services (Sales) Ltd, Paramount Business Systems, Unison Technology plc.

DISTRIBUTOR (FRANCE): Systems Decision Productive.

DISTRIBUTOR (NEW ZEALAND): AWA New Zealand Ltd.

DISTRIBUTOR (SWEDEN): AMI Datashop.

AGENTS (UK): Blue Water Computer Services, Centre Tec, Computer Options Ltd, Faxon Communications (UK) Ltd, Logical Choice, Micromill Ltd, Novell Data Systems Ltd, ORAC Information Systems Ltd, Programs Unlimited, System Options Ltd, Tolland Computers Ltd. AGENT (AUSTRALIA): AWA Computers.

AVAILABLE ON: See main entry for Revelation.

DESCRIPTION: Full-screen text editor within the Revelation environment.

TRIACC MENU SYSTEM

ORIGINATOR: Tripont Associated Systems Consultants Ltd.

DISTRIBUTORS: Aston Technology Ltd, CB Business Systems Ltd.

AGENTS: Aspect Computer Systems Ltd, Beauchamp Computer Systems Ltd, Centre Tec, Digitus Ltd, Essex Micro Computers Ltd, ORAC Information Systems Ltd. AVAILABLE ON: Crystal, IBM Series/1, PICK - all, Sabre, Ultimate, Wicat, Zebra.

PRICE: From £495.

DESCRIPTION: Provides the user with the means of building their own menu hierarchy as a stand alone system, or by interfacing with other Tripont software, to

customise existing menus, maintain passwords on menu items and to customise programmable function keys.

VERB

ORIGINATOR: Clear Systems Ltd.

AVAILABLE ON: PICK - all.

PRICE: £400 + £100 per system.

DESCRIPTION: A TCL command which gives windowed access to the valid TCL verbs on an account. The main features are: may be invoked from BASIC programs (requires Execute) or TCL, any size & position window, allows security, partial matching for selection of verbs.

4.11. Viewdata

VIEWBASE

ORIGINATOR: DISC International Ltd.

DISTRIBUTOR (AUSTRALIA): Vutex Pty Ltd.

DISTRIBUTOR (CANADA): Software Concepts.

DISTRIBUTOR (JAPAN): Sumitomo Corporation.

DISTRIBUTOR (NEW ZEALAND): Universal Data Systems Ltd.

DISTRIBUTOR (USA): DISC International Inc.

AGENTS (UK): Aston Technology Ltd, Consultants (Computer and Financial) plc, Computer Factors (Sales) Ltd, Dateg Ltd, Kendal Computing Ltd, McDonnell Douglas Information Systems Ltd, Prime Computer (UK) Ltd, Universal Computers Ltd.

AGENT (AUSTRALIA): AWA Computers.

AVAILABLE ON: Crystal, IBM PC/AT, IBM PC/XT, IBM Series/1, IBM 4300, Mentor, McDonnell Douglas, PICK - all, Prime, Sabre, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 256Kb RAM.

PRICE: £1,500 - £25,000. Crystalet - £3,000; Crystal desktop - £6,000; Crystal floormount - £12,000.

DESCRIPTION: Fully interactive private videotex system, which allows application programs to be hooked to videotex frames. When a static frame with a 'hook' is selected, control passes to the program. This enables the user to perform data entry, enquiries, database access, database updating and all other functions normally associated with a VDU. By combining the user-friendly features of videotex with the power of the PICK operating system, it enables companies to expose an existing data processing resource to a much wider group of users.

VIEWBASE II

ORIGINATOR: DISC International Ltd.

DISTRIBUTOR (AUSTRALIA): Vutex Pty Ltd.

DISTRIBUTOR (CANADA): Software Concepts.

DISTRIBUTOR (JAPAN): Sumitomo Corporation.

DISTRIBUTOR (NEW ZEALAND): Universal Data Systems Ltd.

DISTRIBUTOR (USA): DISC International Inc.

AVAILABLE ON: IBM PC/AT, IBM PC/XT, IBM Series/1, IBM 4300, McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM.

PRICE: £1,500 - £30,000.

DESCRIPTION: Viewbase II is as fully functional as Viewbase I, but allows access to multi-standard videotex presentation protocols giving the product the unique facility for full international operation. The protocols currently available are Prestel, NAPLPS & ASCII; CEPT II and Antiope are under development. The software can communicate concurrently with all presentation levels, and different presentation levels can be held on the same port, the level being chosen to suit the user. The application programmer need prepare only one set of code which is then accessible to all terminals, whatever the presentation level.

VIS (VIEWDATA INTERFACE SYSTEM)

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Ultimate.

DESCRIPTION: Software/hardware system which allows two-way communication with a viewdata system.

4.12. Word Processing

CYCLONE II

ORIGINATOR: Lazarov Software Systems Inc [USA].

DISTRIBUTOR: Unison Technology plc.

AVAILABLE ON: Altos, C.Itoh, McDonnell Douglas, Zebra.

PRICE: £600.

DESCRIPTION: An integrated word processor and spreadsheet. Written in PICK assembler, it is claimed to execute at least 10 times faster than similar products written in PICK/BASIC. Features include: merge data between word processing and spreadsheet; mail merge with database; configurable to any keyboard and printer. The word processor offers WYSIWYG, built-in calculator, prestored commands, spelling checker. The spreadsheet offers immediate/batch calculations, NPV function, range of other functions, repeat data and/or calculations.

DOCUMENTOR

ORIGINATOR: Applied Digital Data Systems Inc [USA].

DISTRIBUTOR (UK): Electronic Data Processing plc.

DISTRIBUTOR (AUSTRALIA): IMG Systems Pty Ltd.

AGENTS (UK): Adserve Computing Ltd, Applied Computer Expertise Ltd, Compaddress Ltd, Computer Factors (Sales) Ltd, Diagnostic Systems Ltd, Fletcher Computer Services Ltd, Ibex Computer Services Ltd.

AGENT (AUSTRALIA): Pick Power Pty Ltd.

AVAILABLE ON: Mentor.

DESCRIPTION: Includes spelling checker. ENGLISH statements can be used to retrieve data to be merged with any document. The DocuMentor workstation keyboard contains dedicated word processing keys.

JET

ORIGINATOR: JET Software [USA].

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, , Intelligent Computer Services (Sales) Ltd, Systems and Accounting Services Company Ltd

BUNDLED ON: C.Itoh, Crystal, Sabre, Zebra.

AVAILABLE ON: McDonnell Douglas, PICK - all.

PRICE: £395 (PCs) to £1,950 (larger machines).

DESCRIPTION: Full-screen oriented word processing system, which will handle merging of information from main files as input to proforma document production, as well as providing normal range of word processing facilities.

JETEX

ORIGINATOR: ORAC Information Systems Ltd.

AVAILABLE ON: Crystal.

DESCRIPTION: Extension to Jet, which allows documents to be merged which can be subsequently individually edited. Useful for companies which send standard letters which at a later date need further personalising.

R/MERGE

ORIGINATOR: Stratus Software Corp [USA].

DISTRIBUTOR: Unison Technology plc.

AVAILABLE ON: See main entry for Revelation.

PRICE: £75.

DESCRIPTION: Merges WordStar documents and Revelation files and optionally justifies text regardless of the length of merged data. Options include page pause, page reprint, change text width. Can be used in batch mode.

RUNOFF

ORIGINATOR: Pick Systems [USA].

AVAILABLE ON: PICK - all.

DESCRIPTION: Part of the PICK operating system. Two-stage word processing system which includes good indexing and table of contents facilities.

R/WORD

ORIGINATOR: Stratus Software Corp [USA].

DISTRIBUTOR: Unison Technology plc.

AVAILABLE ON: See main entry for Revelation.

PRICE: £235. R/Word with Merge: £300. R/Word, Merge, Spelling Checker: £375.

DESCRIPTION: The first word processor for Revelation. R/Word provides all standard word processing facilities as well as the ability to redefine all keys and convert from other word processor files. It also includes a calculator and line graphics. It allows up to 62,000 characters per document.

SUPERJET

DISTRIBUTOR: General Automation Ltd.

BUNDLED ON: Zebra.

DESCRIPTION: Multifaceted full screen word processing system.

UNIWORD

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Ultimate.

HARDWARE REQUIREMENTS: Uses special-purpose terminal with disc storage and a quality printer.

DESCRIPTION: The Uniword system is based upon WordStar software and can act as a stand-alone word processing system or as a terminal to an Ultimate system.

WORD PROCESSING

AGENT: Computer Factors (Sales) Ltd.

WORD PROCESSING SYSTEM

ORIGINATOR: CDI Information Systems Inc [USA].

DISTRIBUTOR: I-Data plc.

AVAILABLE ON: IBM Series/1.

DESCRIPTION: Includes spelling dictionary of up to 50,000 words. Variable data can be selected from database.

WORD PROCESSING UTILITIES

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Extensions to RUNOFF to build a heading/footer, dissect documents, expand READ statements, Keyword-in-Context indexing, table of contents, index processor, reformat items, sort line of a document, word processing harness.

WORDMATE

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas M9000 series.

DESCRIPTION: Full-function word processing program.

WORDS

ORIGINATOR: Interactive Systems Inc [USA].

DISTRIBUTORS: Aston Technology Ltd, Fletcher Computer Services Ltd, Timeslice Ltd.

AGENTS: General Automation Ltd, Wicat Systems Ltd.

AVAILABLE ON: Crystal, Wicat, Zebra.

5. GENERAL BUSINESS SOFTWARE

5.1. Electronic Mail and Telex

ASPTTEL-X

ORIGINATOR: Aspect Computer Systems Ltd.

AVAILABLE ON: Crystal, Sabre.

PRICE: Software only (1st line) - £1,900. Software + TelexBox II (1st line) - £3250. Subsequent lines cheaper. Multi-CPU/line licenses available.

DESCRIPTION: General purpose telex interface package which links to the telex network via a Data and Control Equipment Ltd TelexBox II, eliminating the need for standard telex machines. ASPTTEL-X provides telex generation and reception facilities at every terminal on a system. Messages may be prepared by standard word processing facilities and may be timed for dispatch at any time.

CORTELEX

ORIGINATOR: Cortex Computer Systems Ltd

AVAILABLE ON: PICK - all.

HARDWARE REQUIREMENTS: Any telex box, but has been designed primarily to interface to the DCE TelexBox III.

PRICE: Software: £500; extra hardware: about £2,000.

DESCRIPTION: Telex management system. Features include: telex generation and approval from any terminal; multi-user, multi-line; multiple destination; telex directory; interface to applications programs; queue management; 'Chit-Chat' supported.

ELECTRONIC MAIL

DISTRIBUTORS: English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

PRICE: £295.

ENVOY

ORIGINATOR: DISC International Ltd.

DISTRIBUTOR (AUSTRALIA): Vutex Pty Ltd.

DISTRIBUTOR (CANADA): Software Concepts.

DISTRIBUTOR (JAPAN): Sumitomo Corporation.

DISTRIBUTOR (NEW ZEALAND): Universal Data Systems Ltd.

DISTRIBUTOR (USA): DISC International Inc.

AGENTS: Aston Technology Ltd, Consultants (Computer and Financial) plc, Computer Factors (Sales) Ltd, Dateg Ltd, Kendal Computing Ltd, McDonnell Douglas Information Systems Ltd, Prime Computer (UK) Ltd, Universal Computers Ltd.

AVAILABLE ON: Crystal, IBM PC/AT, IBM PC/XT, IBM Series/1, IBM 4300, Mentor, McDonnell Douglas, PICK - all, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 256Kb RAM.

PRICE: £1,200 - £10,500.

DESCRIPTION: Screen-based electronic messaging system, which can be used to send, receive, store and recall messages. It can be accessed through a standard VDU or, using a videotex link, via an adapted television set and a telephone line. Envoy has many applications including salesforce communication, branch office contact and supplier - warehouse - distributor relationships. It is believed to be the first electronic messaging system purpose-designed for videotex.

POSTBOX

AGENT: Timeslice Ltd.

TELEX

DISTRIBUTORS: English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

TELEX SYSTEM

ORIGINATOR: AWA Computer Services Pty Ltd

AVAILABLE ON: McDonnell Douglas, Sabre.

DESCRIPTION: Computerised approach to sending telex messages. Features include security restricting viewing of messages, scheduling time and date to transmit messages, transfer of word processing files to Telex system, conversion of incoming messages to outgoing messages.

5.2. Mailing Labels

ICSMAIL

ORIGINATOR: Intelligent Computer Services (Sales) Ltd.

AVAILABLE ON: PICK - all, IBM PC/XT, Revelation.

HARDWARE REQUIREMENTS: 10Mb disc storage

PRICE: £950.

DESCRIPTION: Menu-driven mailing package which allows the creation of a name and address file for later printing of self-adhesive labels (for mailshots, etc.) Labels may be sorted by any field (e.g. name, town, reference number) and reports may also be generated on the same basis.

LYNCHPIN

ORIGINATOR: Herring Son & Daw.

DISTRIBUTOR: DecisionWare Ltd.

AVAILABLE ON: PICK - all, Prime.

DESCRIPTION: A multi-purpose mailing system, holding names and addresses within many user-defined categories. Searching is quick and very easy, and mailing lists can be generated to merge with standard letters, or produce labels.

MAILBRAIN LIST MANAGEMENT

ORIGINATOR: Computer Factors (Sales) Ltd.

AVAILABLE ON: McDonnell Douglas, Mentor.

DESCRIPTION: Enables any organisation involved in mailing to create and maintain high quality lists. Input may be interactive (i.e. VDUs or batch (e.g. magnetic tape or via data transmission)). MAILBRAIN can merge data provided from a third party computer, whatever the format. Addresses are automatically coded for postal rebating and duplicates identified.

R/LABELS

ORIGINATOR: Stratus Software Corp [USA].

DISTRIBUTOR: Unison Technology plc.

AVAILABLE ON: See main entry for Revelation.

PRICE: £30.

DESCRIPTION: Creates mailing labels, shipping labels, inventory tags, display tags, announcement stickers, etc. using any Revelation file. Use any R/LIST selection criteria and sort the labels in any order. Mix text with file data, label headings or footings, double spaced labels, etc.

5.3. Office Systems

DESK MANAGEMENT SYSTEM

ORIGINATOR: Datastart (Computer Services) Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Zebra.

PRICE: £850.

DESCRIPTION: Functions include: a personal diary system, a messaging system for other PICK users, a bring forward facility, the ability to schedule meeting between

system users, a personal telephone/address system, a filing/retrieval system, a simple calculation system. The system is also compatible with RUNOFF.

DIARY SYSTEM

AGENT: Timeslice Ltd.

DIRECTORY

AGENT: Timeslice Ltd.

INFORMATION CENTRE

ORIGINATOR: Software Group [USA].

DISTRIBUTOR: Fletcher Computer Services Ltd.

AVAILABLE ON: PICK - all, Prime.

PRICE: £500.

DESCRIPTION: Information Centre gives the the ability to accomplish many normal day-to-day desktop functions. It schedules appointments, lets the user look at a calendar, maintains telephone directories, handles incoming and outgoing memos and includes a powerful desk-top calculator.

INTERPAC OFFICE SOFTWARE

ORIGINATOR: Hooper Systems & Technology Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: Office automation software which includes word processing, electronic mail, calendar planning, spreadsheet, business graphics, etc.)

OFFICE AUGMENTOR

ORIGINATOR: Applied Digital Data Systems Inc [USA].

DISTRIBUTOR (UK): Electronic Data Processing plc.

DISTRIBUTOR (AUSTRALIA): IMG Systems Pty Ltd.

AGENTS (UK): Adserve Computing Ltd, Applied Computer Expertise Ltd, Compaddress Ltd, Computer Factors (Sales) Ltd, Diagnostic Systems Ltd, Fletcher Computer Services Ltd, Ibex Computer Services Ltd.

AGENT (AUSTRALIA): Pick Power Pty Ltd.

AVAILABLE ON: Mentor.

DESCRIPTION: Comprehensive office management software which provides electronic mail, word processing, telephone numbers/addresses, desk diary, electronic indexing system, calculator, tele-conferencing, and utilities.

OFFICE AUTOMATION SYSTEM

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Ultimate.

PRICE: £400.

DESCRIPTION: Five subsystems: Messages, Diary, Calendar, Calculator, Directory. All Office Automation System terminals can be used for incoming/outgoing telex.

TELEPHONE LOGGING

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £1,000 (1st year licence fee), £150 (annual licence fee).

PROGRAM SUITE: PICS

5.4. Order Processing

ORDER PROCESSING.

AGENT: Computer Factors (Sales) Ltd.

ORDER PROCESSING

DISTRIBUTORS: English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

PRICE: £695.

PROGRAM SUITE: Accounts suite.

ORDER PROCESSING

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

SERVICE ORDERS

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.

AVAILABLE ON: Prime, Ultimate.

PROGRAM SUITE: INFOFLO.

TRADER

ORIGINATOR: System Options Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: On-line sales and order processing system for the medium to large manufacturing company. It comprises the following modules: stock control (operations and management information on all aspects of stock and its control); purchase order processing (allows for the easy entry of orders to suppliers); goods inwards (allows the warehouse operative to record the receipt of goods against the original purchase order); sales order entry (entry of customer orders, with credit status validation); sales invoicing (automatically produces invoices and credit notes - also proformas and quotations); sales analysis (a reporting systems which allows many 'what if' questions to be asked and answered).

5.5. Personnel Management

PERSONNEL

ORIGINATOR: Datastart (Computer Services) Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Zebra.

PRICE: £850.

PROGRAM SUITE: DIAS.

DESCRIPTION: Features include: allows for multiple divisions and departments within a company, no limit to the number of entries for any employee information category, holds details of all posts within the company, holds details on all company cars, links to payroll and pensions systems to avoid duplication of data.

PERSONNEL

DISTRIBUTOR: General Automation Ltd.

AGENTS: Sanderson Computers Ltd, Simdell Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Fully integrated with payroll system. Features include: personal details, job history, performance review history, training, absence/holiday record, discipline record, redundancy details, maternity details.

PERSONNEL

ORIGINATOR: ISIS Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

PERSONNEL

ORIGINATOR: Real Time Business Systems Ltd.

AVAILABLE ON: Zebra.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Fully integrated with the payroll system. Features include: Creation and maintenance of personnel data, including personal details, qualifications, former and company job histories, performance review history, training, absence/holiday record, disciplinary record, redundancy details, maternity details, Save As You Earn, loans and advances, long service, leavers file.

PERSONNEL

ORIGINATOR: PM Associates Ltd.

AVAILABLE ON: Prime, PICK - all.

HARDWARE REQUIREMENTS: 10Mb disc.

PRICE: £5,000 to £15,000.

DESCRIPTION: The major objective of the system is to provide the user organisation with a full 'life-cycle' record of all employees, i.e. from the original vacancy, interviews, placement, transfers, promotions to termination. The system will cope with 'establishments' and can provide detailed analyses for vacant establishment and calculation on full-time equivalents of part-time staff related to the establishment vacancies.

PERSONNEL IN PERSPECTIVE

ORIGINATOR: Perspective Software.

AVAILABLE ON: IBM PC/XT.

HARDWARE REQUIREMENTS: 256Kb RAM.

PRICE: From £600.

DESCRIPTION: The package provides a personnel management system, from instigation of a recruitment campaign, through selection of candidates, to employment records, and up to retirement. It covers all basic requirements with standard and ad-hoc enquiry and reporting, with, optionally, manpower planning, word processing and graphics. The system is menu-driven with user-definable menus. System security and file security are in-built.

PERSONNEL MANAGEMENT

ORIGINATOR: AWA New Zealand Ltd.

AVAILABLE ON: Corona PC, IBM PC/XT and other compatibles.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

PERSONNEL RECORDS

ORIGINATOR: Datec Ltd.

PERSONNEL RECORDS

AGENT: Universal Computers Ltd.

AVAILABLE ON: Ultimate.

DESCRIPTION: Human Resource System provides management with maximum information about employees. Includes: personnel record, employee profile, career profile, employment history, benefits statement, equal opportunity data, education and training planning, attendance analysis.

5.6. Project Control

CAPITAL EXPENDITURE APPLICATION

ORIGINATOR: Systems Management Inc [USA].

UK OWNER/DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Business Control Programs (BCP+).

DESCRIPTION: This module provides real-time updating of information relating to capital projects. Projects can be monitored through various stages from inception to completion and the modules provides for a five-year planning horizon.

CONTRACT CONTROL

ORIGINATOR: Systems Management Inc [USA].

UK OWNER/DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Business Control Programs (BCP+).

DESCRIPTION: This module may be operated in a stand-alone mode (with manual inputs) or integrated into the BCP package, when updating would be as a result of activities in other modules, such as purchasing, work in progress, etc. Contracts can be entered at the quotation or tendering stage and moved through the system as they are approved and work commences.

FISCAL-CPA

ORIGINATOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Complete project planning and control system incorporating network analysis (PERT/CPM) techniques, resource loading/achievement and projection reporting, plus tendering and estimating procedures, costing control and graphics.

NETWORK SCHEDULING

ORIGINATOR: Construction Information Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.

PROGRAM SUITE: CONSTRUCT.

DESCRIPTION: Uses the precedent method of PERT/CPM scheduling and includes resource distribution, resource levelling and cash flow functions. Seven calendars are available with a calendar length of 6000 days.

PROJECT PLANNING SYSTEM (RA/PROJ)

ORIGINATOR: AMI Datashop.

AVAILABLE ON: IBM PC/XT and compatibles, Sabre.

HARDWARE REQUIREMENTS: 320Kb RAM.

PRICE: SwKr15,000.

PROGRAM SUITE: Revelation.

DESCRIPTION: PERT/CPM.

5.7. Purchase Order Processing

LIBRA PURCHASE ORDER PROCESSING AND PROVISIONING

ORIGINATOR: Simdell Ltd.

AGENTS: Aston Technology Ltd, Fletcher Computer Services Ltd, Hooper Systems & Technology Ltd. Other dealers on application.

AVAILABLE ON: Crystal, PICK - all, Prime, Sabre.

DEVELOPMENT SYSTEM/LANGUAGE: Libra.

PRICE: From £1,000 (£150 annual maintenance).

DESCRIPTION: It features purchase order entry, enquiry and adjustment, goods received, outstanding order report, purchase order by part report.

ON-LINE 2000 PURCHASING

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Features include: recognises the different stages involved in processing local orders and imports, multi-currency, on-cost allocations, one-step process for goods receiving and invoice processing on 'invoice with goods' deliveries (thus avoiding subsequent reconciliation problems), accrual facilities, direct purchase facilities. Integrates with other modules including Inventory, Payables, Job costing.

PICKSOFT PURCHASE ORDER PROCESSING

ORIGINATOR: Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Designed to integrate with Purchase ledger and Stock control modules.

PO/CONTRACT STATUS

ORIGINATOR: Construction Information Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.

PROGRAM SUITE: CONSTRUCT.

DESCRIPTION: It acts as a front-end to the Accounts payable module, by maintaining the status of all purchase orders and contracts on the system. It interfaces with Job cost also and the transactions sent to Job cost are posted as commitments.

PROCUREMENT MONITORING

AGENT: Computer Factors (Sales) Ltd.

PURCHASE ORDER

ORIGINATOR: Systems Management Inc [USA].
UK OWNER/DISTRIBUTOR: Trifid Software.
AGENT: McDonnell Douglas Information Systems Ltd.
AVAILABLE ON: McDonnell Douglas.
PROGRAM SUITE: Business Control Programs (BCP+).
DESCRIPTION: This module provides real-time data entry for ordering and receiving, together with display and reporting facilities.

PURCHASE ORDER CONTROL

ORIGINATOR: ESCOM Inc [USA].
DISTRIBUTOR: Adserve Computing Ltd.
AGENT: Aston Technology Ltd.
AVAILABLE ON: Crystal, PICK - all.
HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb discs.
PROGRAM SUITE: DMC Financial Management System.

PURCHASE ORDER CONTROL

DISTRIBUTOR: Compaddress Ltd.
AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.
HARDWARE REQUIREMENTS: 20Mb disc storage.
PROGRAM SUITE: Delta Manufacturing Control System.
DESCRIPTION: Used to place and amend orders on suppliers for bought in components and raw materials. Controls receipt of goods. Monitors supplier performance.

PURCHASE ORDER ENTRY AND RECEIVING

ORIGINATOR: Datastart (Computer Services) Ltd.
AVAILABLE ON: McDonnell Douglas, PICK - all, Zebra.
PRICE: £850.
PROGRAM SUITE: DIAS.
DESCRIPTION: Features include: detection of the need for orders to be placed with suppliers, record of outstanding orders, records part deliveries, authorisation of payment of supplier invoices, updating of stock file and reporting of back orders outstanding.

PURCHASE ORDER PROCESSING

ORIGINATOR: Anacomp Inc [USA].
DISTRIBUTOR (UK): Adserve Computing Ltd.
AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.
AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.
HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.
PROGRAM SUITE: MMC.
DESCRIPTION: Provides for entering, revising and printing purchase orders. It also reports purchase order status from inception through receiving and inspection. Can integrate with Financial Accounts Payable.

PURCHASE ORDER PROCESSING

ORIGINATOR: Applied Computer Expertise Ltd.
AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.
HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.
PROGRAM SUITE: ACE standard ledger suite.
DESCRIPTION: Features include: multi-currency; easy display of current orders on each supplier; comment lines for internal memos may be placed anywhere in the order; option to update stock file with outstanding order quantities; reports show orders outstanding and satisfied by customer, stock and date. May be used as a stand-alone package or integrated.

PURCHASE ORDER PROCESSING

ORIGINATOR: Compaddress Ltd.
AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.
HARDWARE REQUIREMENTS: 20Mb disc storage.
PRICE: £1,000.
PROGRAM SUITE: PICKACS.
DESCRIPTION: Designed to aid buying departments in placing orders for items identified by the inventory control or manufacturing control systems as being due for order. OPP at its simplest will scan inventory records and report to the buyer those items which are or will fall below specified stock levels after allowance for purchase

orders already placed. OPP will identify preferred and alternative suppliers together with current stock, demand and summaries of the last 6 purchase orders outstanding. Orders may be in sterling or foreign currency.

PURCHASE ORDER PROCESSING

ORIGINATOR: Ivory Computer Systems Ltd.
AVAILABLE ON: Crystal

PURCHASE ORDER PROCESSING

ORIGINATOR: Mentor Management Applications Ltd.
AVAILABLE ON: PICK - all, Zebra.

PURCHASE ORDER PROCESSING

ORIGINATOR: Ramdata Systems Ltd.
AVAILABLE ON: Crystal, WYSEpc.
HARDWARE REQUIREMENTS: 256Kb RAM, 10Mb hard disc.
PRICE: £1,500.

PURCHASE ORDER PROCESSING

ORIGINATOR: System 800 Computers Ltd.
AVAILABLE ON: Zebra.
HARDWARE REQUIREMENTS: 128Kb RAM, 20Mb disc storage.

PURCHASE ORDER PROCESSING SYSTEM

ORIGINATOR: Electronic Data Processing plc.
AVAILABLE ON: Mentor.

PURCHASE ORDER SYSTEM

ORIGINATOR: PICS Ltd.
DISTRIBUTOR: Sanderson Computers Ltd.
AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.
AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.
PRICE: £1,500 (1st year licence fee), £225 (annual licence fee).
PROGRAM SUITE: PICS.
DESCRIPTION: Receipts can be recorded against purchase orders by the Stock Control System.

PURCHASE ORDERS

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.
AVAILABLE ON: Prime, Ultimate.
PROGRAM SUITE: INFOFLO.

PURCHASE ORDERS

ORIGINATOR: Real Time Business Systems Ltd.
PROGRAM SUITE: Realsystem.
DESCRIPTION: Controls ordering materials into stores or direct to a job, sub-contracting and expense items. The system monitors all purchase orders from the time of issue of a requisition through to the release of a purchase order, the receipt of the items and closure/-payment for the order. Features include: input by either purchase requisition or purchase order; interface with the Inventory system; printing of orders; display of costs and variances; control of receipts of material at standard and actual cost.

PURCHASING

ORIGINATOR: Construction Information Systems Inc [USA].
DISTRIBUTOR: IMG Systems Pty Ltd.
AGENT: AWA Computers.
AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.
HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.
PROGRAM SUITE: CONSTRUCT.
DESCRIPTION: Its purpose is to keep track of material which has been ordered and allows validation of invoices when being entered through Accounts payable. It interfaces with Job cost, Inventory management and Equipment, as well.

PURCHASING

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

PURCHASING

ORIGINATOR: Systems Designers International plc.

AVAILABLE ON: Prime.

PROGRAM SUITE: PRO III.

SUPPLIER STATISTICS

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Maintains a record of company suppliers and provides information on supplier performance, prices, etc. Features include: analyses by: product groups, individual inventory groups, suppliers; reports showing: volumes, costs, discounts, comparisons with standard costs/other suppliers on costs, delivery, quality, rejects, etc.

5.8. Sales Management**ON-LINE 2000 DIRECT MARKETING SYSTEM**

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENT (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Features include: cash sales, on-shot, terms, continuities; automatic reminder - collection agency cycle; dubious account highlighting; picking lists; freight control; credit card payments. Can be installed alone or interfaced with Inventory, General ledger, etc.

PICKSOFT SALES ANALYSIS

ORIGINATOR: Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

PROSPECTOR

ORIGINATOR: Computer Factors (Sales) Ltd.

AVAILABLE ON: Mentor, PICK - all.

DESCRIPTION: Designed to meet the requirements of organisations engaged in direct selling operations through the sales force. It controls all current customers, prospects and 'suspects'; allows maintenance of targets for each salesman over product groups or individual products; records achievements; provides weekly call plan sheets; contains comprehensive forecasting facilities; gives salesman performance analyses, activity analyses and time recording. Can be linked to a viewdata system and to Mailbrain.

SALES ANALYSIS

DISTRIBUTOR: General Automation Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Sub-module of Sales order processing and invoicing systems, which produces and analysis of sales for the month and year to date showing profitability by several criteria (e.g. customer, sales representative etc.).

SALES ANALYSIS

ORIGINATOR: Howse, Fink & Johnson Computing Services Pty Ltd.

AVAILABLE ON: PICK - all.

PROGRAM SUITE: DISTRIB.

DESCRIPTION: Features include: Sales forecasting for future planning, allows for buying trends and seasons, 13-month sales history, identification of effective products and markets. Figures displayed in numeric and/or graph form.

SALES ANALYSIS

ORIGINATOR: Systems Management Inc [USA].

UK OWNER/DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Business Control Programs (BCP+).

DESCRIPTION: Provides a comprehensive range of displays and reports of sales by customer and product.

SALES COMMISSION

ORIGINATOR: Howse, Fink & Johnson Computing Services Pty Ltd.

AVAILABLE ON: PICK - all.

PROGRAM SUITE: DISTRIB.

DESCRIPTION: Features include: automatic collection of data on sales by salesman for comparison against quotas, up to 10 different commission types provided, with up to 5 percentage breaks within each type.

SALES ENQUIRY SYSTEM

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £1,000 (1st year licence fee), £150 (annual licence fee).

PROGRAM SUITE: PICS.

DESCRIPTION: Provides a complete record of a manufacturing company's sales enquiry transactions. Sales enquiries are monitored by the system from initial receipt through the estimating and quotation stages until the outcome of the enquiry is known and recorded within the system.

SALES FORECASTING

ORIGINATOR: ESCOM Inc [USA].

DISTRIBUTOR: Adserve Computing Ltd.

AGENT: Aston Technology Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb discs.

PROGRAM SUITE: DMC Financial Management System.

SALES GENERATOR

ORIGINATOR: Kalamazoo plc.

AVAILABLE ON: Crystal, IBM PC/XT, Sperry PC.

HARDWARE REQUIREMENTS: 256Kb RAM, 20Mb disc.

PRICE: Module A - £1,505. 2 modules - £2,165. 3 modules - £2,890. All module combinations include word processing in the price.

DESCRIPTION: The full sales generator suite consists of the following modules: A (which is mandatory) for customer and prospect records; B for sales force activity and call planning; C for enquiry and quotations control. It is a comprehensive system which aims to cover the entire information requirements of sales managers, marketing managers, sales administration departments and the field sales force.

SALES MANAGER

ORIGINATOR: Datec Ltd.

DESCRIPTION: Viewdata system which provides feedback between a head office and the sales force. The basic module provides a customer file, a salesman file, accounting or journey periods (user-defined), sales targets for each accounting or journey period, visit plans, a reason-for-visit table and result-of-visit codes, analysis of sales performance against target, sales order entry.

SALES STATISTICS

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Designed as a sub-module of the Sales order processing and invoicing systems providing tight control of profit margins in all aspects of the market. Features include: Analysis of sales for the month and year-to-date showing sales volume and profitability by: customer, major product groups, product, sales representative, area, market, country, industry type; combination reports; export reports and analyses; budget/forecast facilities; detail record of each transaction.

WARRANTY RECORDS

ORIGINATOR: Marshall Sons & Co Ltd.

AVAILABLE ON: McDonnell Douglas.

5.9. Sales Order Processing

DISTRIBUTOR

ORIGINATOR: Computer Factors (Sales) Ltd.

AVAILABLE ON: McDonnell Douglas, Mentor.

DESCRIPTION: DISTRIBUTOR is designed to meet the order processing and stock control requirements of organisations engaged in either distribution or manufacturing. The objectives are to improve customer service levels, credit control and inventory management while optimising stock holdings. Interfaces with Sales Ledger, Bill of Materials and Requirements Planning.

FORMS-ORDERS

ORIGINATOR: Selima Software Ltd.

DISTRIBUTOR: Aston Technology Ltd.

AGENTS: Aston Technology dealer network, Logman Computer Services Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 1Mb RAM.

PRICE: £1,495.

DESCRIPTION: May be operated as a stand-alone system, or as part of the FORMS series.

INQUIRY AND OFFERING SYSTEM (RA/OFF)

ORIGINATOR: AMI Datashop.

AVAILABLE ON: IBM PC/XT and compatibles, Sabre.

HARDWARE REQUIREMENTS: 320Kb RAM.

PRICE: SwKr15,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

DESCRIPTION: Sales enquiries and Sales order processing.

LIBRA SALES ORDER PROCESSING AND INVOICING

ORIGINATOR: Simdell Ltd.

AGENTS: Aston Technology Ltd, Fletcher Computer Services Ltd, Hooper Systems & Technology Ltd. Other dealers on application.

AVAILABLE ON: Crystal, PICK - all, Prime, Sabre.

PRICE: From £1,000 (£150 annual maintenance).

DEVELOPMENT SYSTEM/LANGUAGE: Libra.

DESCRIPTION: Enables entering of customer orders with automatic allocation of stock. Facilities exist to record details of orders for future deliveries and to record orders received at centre and depot. Credit control is actioned on unpaid accounts and where credit limit is exceeded. The system immediately adjusts stock and interfaces to invoicing.

ON-LINE 2000 SALES ORDER ENTRY AND INVOICING

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENT (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Features include: control of short and long lead-time orders, optional product netting from several orders prior to picking, extensive pricing and discount facilities, optional drop sequencing of delivery documents, optional delivery-man run sheet with C.O.D. pick up and other instructions. Interfaces to stock control and accounts receivable.

ORDER ENTRY

ORIGINATOR: Systems Management Inc [USA].

UK OWNER/DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Business Control Programs (BCP+).

DESCRIPTION: A complete software module which controls all customer orders. Facilities exist to record and acknowledge orders and progress them until dispatched and invoiced. If MCS+ is implemented, orders entered are immediately available to production planners/controllers for determining manufacturing requirements and schedules.

ORDER ENTRY/INVOICING

ORIGINATOR: Howse, Fink & Johnson Computing Services Pty Ltd.

AVAILABLE ON: PICK - all.

PROGRAM SUITE: DISTRIB.

DESCRIPTION: Features include: Easy throughput of large and small work volumes, automatic pricing and discounting facility for order values (with manual override), user can enter or automatically generate and release back orders and forward orders, full customer and stock enquiry facilities, production of invoices, picking slips and credit notes. May also operate in a point-of-sale environment.

ORDER ENTRY AND INVOICING

ORIGINATOR: Systems Designers International plc.

AVAILABLE ON: Prime.

PROGRAM SUITE: PRO III.

ORDER PROCESSING

ORIGINATOR: AWA Computer Services Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

PROGRAM SUITE: IDEAS.

DESCRIPTION: It can be configured to operate in either a Picking document or a non-Picking document mode and may be installed as a stand-alone system or fully integrated with other modules, including Stock control, Debtors. Features include: accepts orders for multiple companies/branches from any number of geographical locations simultaneously; validates customer number and product codes prior to the acceptance of an order; establishes item prices from a standard price list; updates finished goods stock records.

ORDER PROCESSING AND SALES INVOICING

ORIGINATOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PRICE: From £2,500.

PROGRAM SUITE: PICKACS.

DESCRIPTION: Designed to cater for the majority of order processing and invoicing problems for small, medium and large companies. It enables orders to be processed, inventory details to be allocated by customer, or details to be stored for invoicing at a later date. The package must be linked to accounts receivable and inventory control packages. Further integration with general ledger and manufacturing control systems is optional. Export invoicing routines are available.

ORDER PROCESSOR

DISTRIBUTOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PROGRAM SUITE: Delta Manufacturing Control System.
DESCRIPTION: Allows sales orders to be translated to work orders. Explodes each order through its build structure assigning the due dates to each stage of manufacture.

PICKSOFT SALES ORDER PROCESSING

ORIGINATOR: Systems and Accounting Services Company Ltd.
AVAILABLE ON: Zebra.
DESCRIPTION: Has been designed to integrate with the Sales ledger and Stock control modules. It caters for both single and multi-company accounting.

PROJECT ORDERS

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.
AVAILABLE ON: Prime, Ultimate.
PROGRAM SUITE: INFOFLO.

SALES ORDER ENTRY

ORIGINATOR: Datastart (Computer Services) Ltd.
AVAILABLE ON: McDonnell Douglas, PICK - all, Zebra.
PRICE: £850.
PROGRAM SUITE: DIAS.

SALES ORDER ENTRY

ORIGINATOR: Kalamazoo plc.
AVAILABLE ON: Crystal, IBM PC/XT, Sperry PC.
HARDWARE REQUIREMENTS: 256Kb memory, 20Mb disc.
PRICE: £845. Price includes word processing.
PROGRAM SUITE: Integrated accounting system.
DESCRIPTION: Only available with Accounting module. May be linked to Stock control.

SALES ORDER ENTRY

ORIGINATOR: Timeslice Ltd.
DISTRIBUTOR: Aston Technology Ltd.
AVAILABLE ON: Crystal.
PRICE: £1500 (desktop). £2500 (floormount).
DESCRIPTION: An order entry system designed to provide a high level of control over ordering and invoicing. The module provides online system input and update, complete order trail, optional integration with Sales ledger, Stock control and Nominal ledger, bulk, trade and settlement discounts, branch and representative analyses, picking lists, route schedules, multi delivery sites, delivery notes.

SALES ORDER PROCESSING

ORIGINATOR: Anacomp Inc [USA].
DISTRIBUTOR (UK): Adserve Computing Ltd.
AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.
AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.
HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.
PROGRAM SUITE: MMC.
DESCRIPTION: Used by the Sales Department to control the complete sales and shipping cycle. Sales entry, packing slips, invoicing and account receivable. Can integrate with Financial Accounts Receivable.

SALES ORDER PROCESSING

ORIGINATOR: Applied Computer Expertise Ltd.
AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.
HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.
PROGRAM SUITE: ACE standard ledger suite.
DESCRIPTION: Features include: easy display of current orders for each customer; comment lines for internal memos may be placed anywhere in the order; automatic update of stock quantities; credit checking; standard reports giving acknowledgements; dispatch notes; picking lists and invoices; multiple delivery addresses. May be used as a stand-alone package or integrated.

SALES ORDER PROCESSING

ORIGINATOR: ESCOM Inc [USA].
DISTRIBUTOR: Adserve Computing Ltd.
AGENT: Aston Technology Ltd.

AVAILABLE ON: Crystal, PICK - all.
HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb discs.
PROGRAM SUITE: DMC Financial Management System.

SALES ORDER PROCESSING

ORIGINATOR: Essex Micro Computers Ltd.
AVAILABLE ON: Crystal.

SALES ORDER PROCESSING

DISTRIBUTOR: General Automation Ltd.
AGENTS: Real Time Business Systems Ltd, Sanderson Computers Ltd, Simdell Ltd, Systems and Accounting Services Company Ltd.
AVAILABLE ON: Zebra.
DESCRIPTION: Allows Sales Department to keep control of all outstanding orders and maintains a fully up to date and evaluated order book. Invoices are posted to accounts receivable and sales analysis simultaneously.

SALES ORDER PROCESSING

ORIGINATOR: Ivory Computer Systems Ltd.
AVAILABLE ON: Crystal.

SALES ORDER PROCESSING

ORIGINATOR: Marshall Sons & Co Ltd.
AVAILABLE ON: McDonnell Douglas.
DESCRIPTION: Covers orders for both tractors and parts.

SALES ORDER PROCESSING

ORIGINATOR: MOS Computers Ltd.
AVAILABLE ON: Mentor.
PRICE: £850.
PROGRAM SUITE: TARGET.
DESCRIPTION: Has been designed as an on-line interactive system to create quotations, orders, invoices and credit notes, and supplementary documentation such as advice/debit notes and picking lists. The system updates the stock, sales and nominal files. The system directly allocates stock against an order. This allocation remains on file until the order is released for dispatch and invoicing or is cancelled/amended.

SALES ORDER PROCESSING

ORIGINATOR: Ramdata Systems Ltd.
AVAILABLE ON: Crystal, WYSEpc.
HARDWARE REQUIREMENTS: 256Kb RAM, 10Mb hard disc.
PRICE: £2,000.

SALES ORDER PROCESSING

ORIGINATOR: ROI Systems Inc [USA].
DISTRIBUTOR: IMG Systems Pty Ltd.
AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.
HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.
PROGRAM SUITE: MANAGE-2000.

SALES ORDER PROCESSING

ORIGINATOR: System 800 Computers Ltd.
AVAILABLE ON: Zebra.
HARDWARE REQUIREMENTS: 128Kb RAM, 20Mb disc storage.
DESCRIPTION: Processes customer orders from original enquiry through to dispatch and invoicing. Fully integrated with stock control, the system produces a picking list and allocates stock to order prior to issue.

SALES ORDER PROCESSING AND STOCK CONTROL

AGENT: Universal Computers Ltd.
AVAILABLE ON: Ultimate.
DESCRIPTION: Order entry, stock control, invoicing, sales/product analyses, stock report.

SALES ORDER PROCESSING SYSTEM

ORIGINATOR: Electronic Data Processing plc.
AVAILABLE ON: Mentor.

SALES ORDER SYSTEM

ORIGINATOR: PICS Ltd.
DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.
AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.
PRICE: £2,000 (1st year licence fee), £300 (annual licence fee).
PROGRAM SUITE: PICS.

SALES ORDERS

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.
AVAILABLE ON: Prime, Ultimate.
PROGRAM SUITE: INFOFLO.

SALES ORDERS

ORIGINATOR: Real Time Business Systems Ltd.
PROGRAM SUITE: Realsystem.
DESCRIPTION: Provides for the processing of orders from receipt to invoicing and interfaces with the Inventory, Accounts receivable and General ledger systems. Features include: four methods of order entry including schedules orders with multiple ship/quantity schedules; option to review orders prior to release; validation against credit limits; printing of order acknowledgements, dispatch notes, invoices and credit/debit notes; inventory and non-inventory items catered for.

TRISOP

ORIGINATOR: Tripont Associated Systems Consultants Ltd.
DISTRIBUTORS: Aston Technology Ltd, CB Business Systems Ltd.
AGENTS: Aspect Computer Systems Ltd, Beauchamp Computer Systems Ltd, Centre Tec, Digitus Ltd, Essex Micro Computers Ltd, ORAC Information Systems Ltd.
AVAILABLE ON: Crystal, IBM Series/1, PICK - all, Sabre, Ultimate, Wicat, Zebra.
PRICE: From £3,500.
DESCRIPTION: Comprehensive sales order processing system incorporating Tristock, Order entry, Invoicing, Purchase order control and Sales analysis.

6. FINANCIAL AND ACCOUNTING SOFTWARE

6.1. Accounting Systems

ACCOUNTING MODULE

ORIGINATOR: Kalamazoo plc.

AVAILABLE ON: Crystal, IBM PC/XT, Sperry PC.

HARDWARE REQUIREMENTS: 256Kb memory, 20Mb disc.

PRICE: £2,165. Price includes word processing.

PROGRAM SUITE: Integrated accounting system.

DESCRIPTION: Consists of the Sales, Purchase and General ledgers.

ACCOUNTING/PACS

ORIGINATOR: Ampersand Systems Ltd.

AVAILABLE ON: Prime.

DEVELOPMENT SYSTEM/LANGUAGE: PACS.

DESCRIPTION: A complete accounting system.

ACCOUNTING SYSTEM

ORIGINATOR: Ivory Computer Systems Ltd.

AVAILABLE ON: Crystal.

ACCOUNTING SYSTEM (RA/ESS)

ORIGINATOR: AMI Datashop.

AVAILABLE ON: IBM PC/XT and compatibles, Sabre.

HARDWARE REQUIREMENTS: 320Kb RAM.

PRICE: SwKr15,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

ACCOUNTS SUITE

DISTRIBUTORS: English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

PRICE: £2,780.

DESCRIPTION: Suite consisting of Sales ledger, Purchase ledger, Order processing, Stock control, and Nominal ledger.

ACCOUNTSTYLE

ORIGINATOR: Computerstyle Ltd.

AVAILABLE ON: PICK - all.

DESCRIPTION: An accounting and financial information system which depends upon the real-time maintenance of the database (nominal file) by means of data entry screens for sales, purchases and journal entries. Reports such as the trial balance, profit and loss account, and balance sheet are produced using the standard PICK enquiry language.

ALLFIN

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Fully integrated financial system.

CASH BOOK

ORIGINATOR: Systems Management Inc [USA].

UK OWNER/DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Business Control Programs (BCP+).

DESCRIPTION: Provides real-time transaction processing to maintain the latest balance position for Cash Book and Petty Cash.

CONFIGURE

ORIGINATOR: Database Applications Ltd.

AGENT: Ivory Computer Systems Ltd.

AVAILABLE ON: PICK - all, Sabre.

HARDWARE REQUIREMENTS: 512Kb RAM, 10Mb disc storage.

DEVELOPMENT SYSTEM/LANGUAGE: Configure.

DESCRIPTION: Accounting suite with an integral application generator. It is an integrated multi-company system with a very flexible Nominal Ledger in which all transactions update up to 12 files. All modules share a common database and cannot be installed separately, with the exception of Payroll which can be installed on its own or integrated with the Product Costing and Nominal Ledger routines in Configure. The modules are Master enquiry, Sales order processing, Invoicing, Sales ledger, Purchase ledger, Nominal Ledger, and Payroll.

CONFIGURE DEMONSTRATION SUITE

ORIGINATOR: Database Applications Ltd.

AGENT: Ivory Computer Systems Ltd.

AVAILABLE ON: Sabre.

PRICE: £300.

DESCRIPTION: See above for details of Configure.

DACS

ORIGINATOR: Solid Logic Inc [USA].

DISTRIBUTOR: DecisionWare Ltd.

AVAILABLE ON: PICK - all, Prime.

DESCRIPTION: Integrated financial system modified for the UK market. Built around a central control module, DACS consists of the three main ledgers - nominal ledger, purchase ledger, sales ledger.

FORMS INTEGRATED ACCOUNTING SYSTEM

ORIGINATOR: Selima Software Ltd.

DISTRIBUTOR: Aston Technology Ltd.

AGENTS: Aston Technology dealer network, Logman Computer Services Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 1Mb RAM.

PRICE: £3,250 (sales, purchases, nominal, payroll, stock and reporter); £4,675 (as previous plus orders).

DESCRIPTION: Integrated suite of accounting packages consisting of sales, purchases, nominal, payroll, stock and orders, together with a reporting module. Each module may be run on a 'stand-alone' basis and each is listed separately.

GENERAL ACCOUNTING

DISTRIBUTOR: General Automation Ltd.

AVAILABLE ON: Zebra.

GENERAL ACCOUNTING AND COMMERCIAL SYSTEMS

DISTRIBUTOR: Universal Computers Ltd.

AGENT: Timeslice Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: General accounting and commercial system comprising stock control, order entry, invoicing, sales ledger, bought ledger, nominal ledger, cash book, budgeting, cash flow forecasting, sales analysis.

IMAS

ORIGINATOR: Wootton Jeffreys Systems Ltd.

AVAILABLE ON: Prime.

HARDWARE REQUIREMENTS: Prime 2250, 1Mb RAM, 64MB Winchester disc.

PRICE: £15,000.

DESCRIPTION: Integrated nominal, purchase and sales ledger with report generation facilities. IMAS is also interfaced to the Contract Accounting System (CATAS).

INTEGRATED ACCOUNTING SYSTEM

AGENT: Fletcher Computer Services Ltd.

AVAILABLE ON: PICK - all, Sabre.

DESCRIPTION: Accounting system from order entry to balance sheet. Comprises Sales ledger, purchase ledger and nominal ledger modules.

INTEGRATED ACCOUNTING SYSTEM

ORIGINATOR: Kalamazoo plc.

AVAILABLE ON: Crystal, IBM PC/XT, Sperry PC.

HARDWARE REQUIREMENTS: 256Kb memory, 20Mb disc.

PRICE: £845 (any 1 module), £1,505 (any 2 modules), £2,165 (any 3), £2,890 (any 4), £3,680 (any 5), £4,470 (any 6), £5,000 (for all 7 modules). All prices include word processing.

DESCRIPTION: The full integrated suite consists of the following modules Sales order entry, Invoicing, Sales ledger, Purchase ledger, Stock/product pricing, General ledger, Payroll. The overall concept is a totally integrated multi-user system based around the general ledger module. As the design of the system is such that the sales and purchase modules are, in effect, 'extensions' of the general ledger, some of the modules are not available separately. See also separate entries for some modules.

INTEGRATED ACCOUNTING SYSTEM

ORIGINATOR: Timeslice Ltd.

DISTRIBUTORS: Aston Technology Ltd, PM Associates Ltd.

AVAILABLE ON: Crystal, Prime, PICK - all.

PRICE: £2,000 (Crystal desktop), £3,000 (Crystal floor-mount).

DESCRIPTION: Integrated ledger system including purchase, sales, nominal and management accounts.

LEDGERS

ORIGINATOR: Systems Designers International plc.

AVAILABLE ON: Prime.

PROGRAM SUITE: PRO III.

LIBRA ACCOUNTING

ORIGINATOR: Simdell Ltd.

AGENTS: Aston Technology Ltd, Fletcher Computer Services Ltd, Hooper Systems & Technology Ltd. Other dealers on application.

AVAILABLE ON: Crystal, PICK - all, Prime, Sabre.

PRICE: From £3,000 (£450 annual maintenance).

DEVELOPMENT SYSTEM/LANGUAGE: Libra.

DESCRIPTION: Comprehensive accounting package. It permits multi-company, multi-currency accounting and consists of Sales ledger, Purchase ledger and Nominal ledger modules.

SIMPLIFIED ACCOUNTING PACKAGES

ORIGINATOR: System 800 Computers Ltd.

AVAILABLE ON: Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 20Mb disc storage.

PRICE: £500 - £1,500 (depending upon amount of customisation required).

DESCRIPTION: A series of standard packages which may be integrated. The systems are sales, purchase & nominal ledgers, payroll, sales order processing, purchase order processing, stock control and costing.

SKIPPER

ORIGINATOR: Systemes Informatiques pour l'Industrie s.a.r.l..

AVAILABLE ON: Intertechnique, PICK - all, Zebra.

DEVELOPMENT SYSTEM/LANGUAGE: PICK/BASIC, FRANCAIS.

DESCRIPTION: Accounting system.

TARGET

ORIGINATOR: MOS Computers Ltd.

AVAILABLE ON: Mentor.

PRICE: £850 per module.

DESCRIPTION: TARGET is a range of software modules designed to operate as a fully integrated system or as independent modules. The modules are listed separately.

TRIACC - TRIPONT INTEGRATED ACCOUNTING SYSTEMS

ORIGINATOR: Tripont Associated Systems Consultants Ltd.

DISTRIBUTORS: Aston Technology Ltd, CB Business Systems Ltd.

AGENTS: Aspect Computer Systems Ltd, Beauchamp Computer Systems Ltd, Centre Tec, Digitus Ltd, Essex Micro Computers Ltd, ORAC Information Systems Ltd.

AVAILABLE ON: Crystal, IBM Series/1, PICK - all, Sabre, Ultimate, Wicat, Zebra.

PRICE: From £3,500.

DESCRIPTION: Sales, purchase and nominal ledgers, Invoicing, Payroll and Stock control packages together with a MENU module (also available separately).

6.2. Auditing

AUDITOR

ORIGINATOR: Real Time Business Systems Ltd.

DESCRIPTION: Provides the auditor with independence in a real-time integrated system. Features include: speeds up, simplifies the cost of the audit; the auditor can access any file on the database, trace transactions to their source documents and generate any reports required; can be used simultaneously with the regular daily transactions; the auditor cannot accidentally change any data on the computer files; the validity of any program logic can be tested by the auditor with test data.

6.3. Financial Modelling

SEE: Spreadsheets and Modelling Systems

6.4. Fixed Assets

ASSET LEDGER

ORIGINATOR: System 800 Computers Ltd.

AVAILABLE ON: Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 20Mb disc storage.

ASSET REGISTER

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTOR (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: MMC.

ASSET REGISTER

ORIGINATOR: AWA Computer Services Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

PROGRAM SUITE: IDEAS.

DESCRIPTION: It provides facilities to enable the entry of information relating to the purchase of new assets, the maintenance of asset details including asset history, depreciation of those assets with both accounting and taxation figures, subsequent disposal of the assets. It is fully integrated with the General ledger system.

ASSET REGISTER

AGENT: Computer Factors (Sales) Ltd.

ASSET REGISTER

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.

AVAILABLE ON: Prime, Ultimate.

PROGRAM SUITE: INFOFLO.

FIXED ASSET SYSTEM

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £1,000 (1st year licence fee), £150 (annual licence fee).

PROGRAM SUITE: PICS.

DESCRIPTION: Provides a complete record of fixed assets including a full history of costs, valuations, depreciation and disposals.

FIXED ASSET CONTROL

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

FIXED ASSET REGISTER

ORIGINATOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PRICE: £1,000.

PROGRAM SUITE: PICKACS.

FIXED ASSETS

ORIGINATOR: Construction Information Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.

PROGRAM SUITE: CONSTRUCT.

DESCRIPTION: It acts as a front-end system to the Equipment module and also interfaces with the General ledger. Its principal functions are to manage the usually high value assets of a construction company, and to compute depreciation on each asset, for both book and tax reporting.

FIXED ASSETS

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Allows a complete fixed assets register to be maintained. Features include: raising and approval of a Capital Expenditure Requisition; issue of a purchase order against a CER; receipt of invoice and appropriate updating of the register; raising of a Capital Disposal Request and recording of a sale; depreciation recording; revaluation of assets.

FIXED ASSETS

ORIGINATOR: Software Group [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 256Kb RAM, 20Mb disc storage.

PROGRAM SUITE: IAS.

FIXED ASSETS

ORIGINATOR: Systems Management Inc [USA].

UK OWNER/DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Business Control Programs (BCP+).

DESCRIPTION: This module provides for the detailed recording of assets, which can be held by asset type and by department. Inflation factors can be maintained and listings produced either at historical cost or current cost.

FIXED ASSETS SYSTEM

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

ON-LINE 2000 ASSETS LEDGER

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Features include: asset grouping, commercial and taxation depreciation rates, diminishing and straight line methods. May be installed alone or with General ledger.

6.5. General Ledger

FINANCIAL MANAGEMENT

ORIGINATOR: Software Group [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 256Kb RAM, 20Mb disc storage.

PROGRAM SUITE: IAS.

FINANCIAL MANAGEMENT CONTROL SYSTEMS

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: A general ledger financial reporting system developed for the use of management. Includes: journal processing, account analysis, currency translation, statistics, enquiry functions, flexible budgeting, finance allocation, budget preparation.

FORMS-NOMINAL

ORIGINATOR: Selima Software Ltd.

DISTRIBUTOR: Aston Technology Ltd.

AGENTS: Aston Technology dealer network, Logman Computer Services Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 1Mb RAM.

PRICE: £795.

DESCRIPTION: May also be operated as a stand-alone system. The system allows identification by up to 6 characters of the nominal description, as well as by account group codes. Batch control ensures that the ledger is always kept in balance. Prepayments may be posted automatically. Extended accounting may be performed for individual nominal accounts, enabling the balance to be analysed into six sub-divisions.

GENERAL LEDGER

AGENT: 4GL Computing.

AVAILABLE ON: IBM PC/XT, Sperry PC.

PRICE: £800.

GENERAL LEDGER

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTORS (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: MMC.

DESCRIPTION: Ties together all of the modules for bottom line reporting. Transactions which are generated by many functions within the system are stored in an unposted General Ledger transaction file until periodically posted to the GL.

GENERAL LEDGER

ORIGINATOR: AWA Computer Services Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

PROGRAM SUITE: IDEAS.

DESCRIPTION: It provides for the on-line entry, validation, balancing and posting of general journal transactions. The system also provides for the input, maintenance and comparative reporting of budget figures,

and produces complete financial statements on a monthly and end of financial year basis. The General ledger may be installed as a stand-alone system, or integrated with other modules including Creditors, Debtors, Payroll, Asset register.

GENERAL LEDGER

ORIGINATOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PRICE: £1,000.

PROGRAM SUITE: PICKACS.

DESCRIPTION: Designed to provide complete financial information for small, medium and large companies. The system will accommodate single or multiple companies and includes the ability to construct a chart of accounts tailored to the needs of each company. May be installed as a stand-alone system or linked to purchase and sales ledgers. Additional interfaces to stock, work in progress and fixed assets register can be provided.

GENERAL LEDGER

ORIGINATOR: Construction Information Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.

PROGRAM SUITE: CONSTRUCT.

DESCRIPTION: It's primary function is to maintain the chart of accounts and to produce the company's financial statements. Accepts entries from the Accounts payable, Accounts receivable, Payroll, Job cost, Equipment, Fixed assets and Inventory modules.

GENERAL LEDGER

ORIGINATOR: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

DESCRIPTION: Can be integrated with purchase and sales ledger, stock control and payroll systems. Outputs include summary general ledger, detail GL, trial balance, GL activity report, journal entry proof lists, journal entry batch report, journal entry audit reports, chart of accounts analysis and descriptions, quarterly budget listings, as well as special reports. Three-level coding structure.

GENERAL LEDGER

ORIGINATOR: ESCOM Inc [USA].

DISTRIBUTOR: Adserve Computing Ltd.

AGENT: Aston Technology Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb discs.

PROGRAM SUITE: DMC Financial Management System.

GENERAL LEDGER

DISTRIBUTOR: General Automation Ltd.

AGENTS: Real Time Business Systems Ltd, Sanderson Computers Ltd, Simdell Ltd, Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Integrates with Accounts Payable, Accounts Receivable systems.

GENERAL LEDGER

ORIGINATOR: Howse, Fink & Johnson Computing Services Pty Ltd.

AVAILABLE ON: PICK - all.

PROGRAM SUITE: DISTRIB.

DESCRIPTION: Features include multiple cost centres, budgeting with comparison to previous periods, standing journals, automatic reversals, automatic updating of the General ledger with other journal transactions.

GENERAL LEDGER

ORIGINATOR: Mentor Management Applications Ltd.

AVAILABLE ON: PICK - all, Zebra.

DESCRIPTION: Integrates with Accounts Payable, Accounts Receivable systems.

GENERAL LEDGER

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £1,500 (1st year licence fee), £225 (annual licence fee).

PROGRAM SUITE: PICS.

GENERAL LEDGER

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Fully integrated with the manufacturing and commercial systems. All modules provide data to the General ledger via journal files. Features include: provision to input journal entries, recurring journals, prepayments and accruals; multiple company, location and department processing; Multiple division ledger; financial reporting system to present actuals, together with budgets, variances and varying forms of trial balances; facility to distribute budgets via account structures on a percentage basis.

GENERAL LEDGER

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

LIBRA NOMINAL LEDGER

ORIGINATOR: Simdell Ltd.

AGENTS: Aston Technology Ltd, Fletcher Computer Services Ltd, Hooper Systems & Technology Ltd. Other dealers on application.

AVAILABLE ON: Crystal, PICK - all, Prime, Sabre.

PRICE: From £1,000 (£150 annual maintenance).

DEVELOPMENT SYSTEM/LANGUAGE: Libra.

DESCRIPTION: A full multi-company, multi-currency system offering user formatted reporting, user controlled totalling facilities, interfaces to both Sales and Purchase ledgers, prepayments and accruals, apportionment of postings, budgets and budget reporting, trial balance, balance sheet, financial reports.

NOMINAL LEDGER

ORIGINATOR: Applied Computer Expertise Ltd.

AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.

PROGRAM SUITE: ACE standard ledger suite.

DESCRIPTION: Features include: flexible account code structure with any number of departments, cost centres, account heading, and detail accounts; multi-currency; 12 or 13 accounting periods per year; display of nominal position for any account with on-line budget comparisons for current, previous and future periods; fixed assets control; budget control allowing weighting of budgets, automatic spreading of fixed amounts, inflation increases. May be used as a stand-alone package or integrated.

NOMINAL LEDGER

DISTRIBUTORS: English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

PRICE: £695.

PROGRAM SUITE: Accounts suite.

NOMINAL LEDGER

ORIGINATOR: Fletcher Computer Services Ltd.

AVAILABLE ON: PICK - all, Sabre.

PRICE: £1,200.

NOMINAL LEDGER

ORIGINATOR: MOS Computers Ltd.
AVAILABLE ON: Mentor.
PRICE: £850.
PROGRAM SUITE: TARGET.

NOMINAL LEDGER

ORIGINATOR: Northgate Computer Services Ltd.
AVAILABLE ON: McDonnell Douglas.
DESCRIPTION: Consolidation of account details, budgeting maintenance and forecasting, statistical collation and full financial accounting including a real-time trial balance are all generated automatically from standard journal and movement entries. The system also contains a management report generator which combined with the budgetary modelling facility will remove any requirement to transfer information to micro-based financial analysis system.

NOMINAL LEDGER

ORIGINATOR: Ramdata Systems Ltd.
BUNDLED ON: WYSEpc.
AVAILABLE ON: Crystal.
HARDWARE REQUIREMENTS: 256Kb RAM, 10Mb hard disc.
PRICE: £750.

NOMINAL LEDGER

ORIGINATOR: System 800 Computers Ltd.
AVAILABLE ON: Zebra.
HARDWARE REQUIREMENTS: 128Kb RAM, 20Mb disc storage.
DESCRIPTION: A multi-company system which keeps track of all transactions for audit and control purposes. Can be integrated with purchase and sales ledgers, and payroll.

NOMINAL LEDGER

ORIGINATOR: Systems Management Inc [USA].
UK OWNER/DISTRIBUTOR: Trifid Software.
AGENT: McDonnell Douglas Information Systems Ltd.
AVAILABLE ON: McDonnell Douglas.
PROGRAM SUITE: Business Control Programs (BCP+).
DESCRIPTION: This module collects financial data from each relevant module so that management reports can be structured and produced quickly.

NOMINAL LEDGER

ORIGINATOR: Timeslice Ltd.
DISTRIBUTOR(S): Aston Technology Ltd, PM Associates Ltd, Universal Computers Ltd.
AVAILABLE ON: Altos, Crystal, Prime, Ultimate, PICK - all.
PRICE: £900 (Crystal desktop), £1500 (Crystal floor-mount).
DESCRIPTION: The heart of the Timeslice business software and enables the production of balance sheet and trial balances at any time. It provides double entry controls over all the integrated ledgers along with a complete system for standard journal postings. Features include online ledger updating, cost centres independently controlled, full budgeting procedures, multi-company, group analysis.

NOMINAL LEDGER

AGENT: Unison Technology plc.
AVAILABLE ON: Altos.
PRICE: £500.

NOMINAL LEDGER SYSTEM

ORIGINATOR: Datastart (Computer Services) Ltd.
AVAILABLE ON: McDonnell Douglas, PICK - all, Zebra.
PRICE: £850.
PROGRAM SUITE: DIAS.
DESCRIPTION: Provides management with a consolidated record of the balances of each of the accounts of a business. Features of the system include: setting up of a chart of accounts, journal credits and debits, automatic

posting from other DIAS systems, budgetary control, financial statements, trial balance.

ON-LINE 2000 GENERAL LEDGER

ORIGINATOR: On-line Data Processing Pty Ltd.
AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.
AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).
AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.
AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.
AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.
DESCRIPTION: Features include: open item style ledger with posting details retained for up to two years; various methods of dissection/consolidation to suit entities from single-site operations to multi-company groups; budget comparisons. May be installed alone or with subsidiary ledgers.

PICKSOFT NOMINAL LEDGER

ORIGINATOR: Systems and Accounting Services Company Ltd.
AVAILABLE ON: Zebra.
DESCRIPTION: Can be operated as a stand-alone system or integrated with purchase and sales ledgers and payroll. The package caters for both single and multi-company accounting.

TRIACC GENERAL LEDGER

ORIGINATOR: Tripont Associated Systems Consultants Ltd.
DISTRIBUTOR(S): Aston Technology Ltd, CB Business Systems Ltd.
AGENTS: Aspect Computer Systems Ltd, Beauchamp Computer Systems Ltd, Centre Tec, Digitus Ltd, Essex Micro Computers Ltd, ORAC Information Systems Ltd.
AVAILABLE ON: Crystal, IBM Series/1, PICK - all, Sabre, Ultimate, Wicat, Zebra.
PRICE: From £695.
DESCRIPTION: A multi-company system.

6.6. Integrated Financial Systems**ACE STANDARD LEDGER SUITE**

ORIGINATOR: Applied Computer Expertise Ltd.
AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.
HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.
PRICE: Average of £1,500 per ledger.
DESCRIPTION: The ACE ledgers are controlled by parameter files which allow packages to be integrated/stand-alone, single/multi-currency, single/multi-company. Each package contains a report generator (TELLUS) which allows the user to add new reports to his own menus. The packages are: Sales ledger, Purchase ledger, Nominal ledger, Sales/purchase orders, Bill of materials, Job costing, Stock control and Invoicing.

BUSINESS CONTROL PROGRAMS (BCP+)

ORIGINATOR: Systems Management Inc [USA].
UK OWNER/DISTRIBUTOR: Trifid Software.
AGENT: McDonnell Douglas Information Systems Ltd.
AVAILABLE ON: McDonnell Douglas.
DESCRIPTION: An integrated set of nine modules to provide complete and up-to-date information needed to monitor all commercial and financial aspects of a business. Each module can be installed on a 'stand-alone' basis and is listed separately. The BCP+ modules can also communicate with the Manufacturing Control System (MCS+).

DATASTART INTEGRATED ACCOUNTING SOFTWARE (DIAS)

ORIGINATOR: Datastart (Computer Services) Ltd.
AVAILABLE ON: McDonnell Douglas, PICK - all, Zebra.

DESCRIPTION: Consists of modules for Nominal ledger, purchase ledger, sales ledger, order entry, invoicing and sales analysis, stock control, purchase order processing, payroll, and pensions.

DISTRIB

ORIGINATOR: Howse, Fink & Johnson Computing Services Pty Ltd.

AVAILABLE ON: PICK - all.

DESCRIPTION: Integrated series of accounting modules covering general ledger, debtors processing, sales analysis, creditors processing, order entry/invoicing, sales commission, inventory control/purchasing, B.O.M./job costing/M.R.P., Payroll/personnel.

DMC FINANCIAL MANAGEMENT SYSTEM

ORIGINATOR: ESCOM Inc [USA].

DISTRIBUTOR: Adserve Computing Ltd.

AGENT: Aston Technology Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb discs.

PRICE: £10,950.

DESCRIPTION: A fully integrated accounting system which includes the following main packages: Sales ledger, Purchase ledger, Nominal ledger, Payroll, Sales order processing, Sales forecasting, Purchase order control, Inventory control. Further details may be found under separate entries. DMC is particularly designed for the distribution industry and for manufacturers who maintain a sizeable finished goods inventory.

IAS (INTEGRATED ACCOUNTING SYSTEM)

ORIGINATOR: Software Group [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 256Kb RAM, 20Mb disc storage.

PRICE: A\$5,000 to A\$20,000 (depending upon system size).

DESCRIPTION: Consists of financial management, accounts payable, accounts receivable and report generator. Additional modules available are fixed assets and inventory.

IDEAS

ORIGINATOR: AWA Computer Services Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

DESCRIPTION: IDEAS is a series of modules designed to provide total control over all aspects of inventory distribution and financial control within any organisation. The principal modules are those that are directly related to the monitoring of inventory movement and control and include: General ledger, Order processing, Stock control, Debtors/sales analysis, Creditors. There are also subsidiary modules covering Job costing, Payroll/personnel, Asset register.

ON-LINE 2000

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Integrated accounting suite consisting of accounts receivable, accounts payable, inventory control and general ledger, which may be installed individually

or together and can be integrated with other On-line 2000 modules such as purchasing, billing, fixed assets, payroll etc.

PICKACS

ORIGINATOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PRICE: £1,000 per module.

DESCRIPTION: Integrated suite of accounting packages comprising Accounts receivable, Accounts payable, General ledger, Sales and purchase order processing, Inventory control, Payroll, Fixed asset register.

PICKSOFT

ORIGINATOR: Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Integrated suite of financial accounting packages comprising sales, purchase and nominal ledger, sales order processing, invoicing, stock control, purchase order processing, payroll and sales analysis. Each package is listed separately.

REALSYSTEM

ORIGINATOR: Real Time Business Systems Ltd.

DESCRIPTION: Integrated real time system for commercial and manufacturing companies. The two major elements of the manufacturing package are Inventory (which records all movements of material into, through and out of a company) and General ledger (which reflects all these movements in financial terms). The range of modules (each listed separately) are Financial: General ledger, Sales ledger, Purchase ledger, Payroll, Fixed assets, Standard costing, Job costing; Commercial: Sales orders, Sales statistics, Purchase orders, Supplier statistics, Personnel; Production: Inventory control, Physical inventory, Bill of material, MRP, Capacity planning, Routing, Shop control, Specifications.

6.7. Invoicing

INVOICING

ORIGINATOR: Applied Computer Expertise Ltd.

AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.

PROGRAM SUITE: ACE standard ledger suite.

INVOICING

AGENT: Computer Factors (Sales) Ltd.

INVOICING

ORIGINATOR: Ramdata Systems Ltd.

AVAILABLE ON: Crystal, WYSEpc.

HARDWARE REQUIREMENTS: 256Kb RAM, 10Mb hard disc.

PRICE: £500.

INVOICING

ORIGINATOR: Systems Management Inc [USA].

UK OWNER/DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Business Control Programs (BCP+).

DESCRIPTION: Provides automatic invoicing when interfaced with Order Entry, or can be operated as a stand-alone module to produce printed invoices from manually entered data.

INVOICING

ORIGINATOR: Tripont Associated Systems Consultants Ltd.

DISTRIBUTOR(S): Aston Technology Ltd, CB Business Systems Ltd.

AGENTS: Aspect Computer Systems Ltd, Beauchamp Computer Systems Ltd, Centre Tec, Digitus Ltd, Essex Micro Computers Ltd, ORAC Information Systems Ltd.

AVAILABLE ON: Crystal, IBM Series/1, PICK - all, Sabre, Ultimate, Wicat, Zebra.

PRICE: From £500.

INVOICING

AGENT: Unison Technology plc.

AVAILABLE ON: Altos.

PRICE: £500.

PICKSOFT INVOICING

ORIGINATOR: Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Will integrate with sales and nominal ledger and stock control. Will produce invoices, pro-forma invoices, credit notes or cash sale invoices. Reports are provided to the operator on customer credit limits and when stock levels fall below the re-order level.

SALES INVOICING

ORIGINATOR: Kalamazoo plc.

AVAILABLE ON: Crystal, IBM PC/XT, Sperry PC.

HARDWARE REQUIREMENTS: 256Kb memory, 20Mb disc.

PRICE: £845. Price includes word processing.

PROGRAM SUITE: Integrated accounting system.

DESCRIPTION: Only available with Accounting module. May be linked to stock control.

SALES INVOICING AND ANALYSIS

ORIGINATOR: Datastart (Computer Services) Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Zebra.

PRICE: £850.

PROGRAM SUITE: DIAS.

DESCRIPTION: Features include: allows input and printing of invoices and credit notes, handles invoice printing where delivery to more than one address is required, automatic postings to sales ledger and sales history file, maintains complete sales history (including units sold, value and margin of sales, by territory for the last 12 months), prints sales and margin analysis reports by company, division, sales territory or customer, provides comparisons between current period and previous ones, links to sales order processing module.

6.8. Payroll

ADPAY

ORIGINATOR: Adserve Computing Ltd.

DISTRIBUTOR: Aston Technology Ltd.

AVAILABLE ON: Crystal, PICK - all.

PRICE: £1,500.

DESCRIPTION: Complete online payroll system which provides for all PAYE and DHSS requirements (including Statutory Sick Pay). It will link with other packages marketed by Adserve or can stand alone.

FORMS-PAYROLL

ORIGINATOR: Selima Software Ltd.

DISTRIBUTOR: Aston Technology Ltd.

AGENTS: Aston Technology dealer network, Logman Computer Services Ltd.

AVAILABLE ON: Crystal, PICK - all

HARDWARE REQUIREMENTS: 1Mb RAM.

PRICE: £795.

DESCRIPTION: Caters for weekly, monthly, fortnightly and four-weekly paid staff. Year-end returns are produced which can be submitted to the Inland Revenue. Statutory Sick Pay is included as an integral part of the system and is calculated by entering the absence dates.

LIBRA PAYROLL

ORIGINATOR: Simdell Ltd.

AGENTS: Aston Technology Ltd, Fletcher Computer Services Ltd, Hooper Systems & Technology Ltd. Other dealers on application.

AVAILABLE ON: Crystal, PICK - all, Prime, Sabre.

PRICE: From £1,000 (£250 annual maintenance).

DEVELOPMENT SYSTEM/LANGUAGE: Libra.

DESCRIPTION: Will support hourly, weekly and monthly paid employees. Flexible up-to-gross procedures (including the handling of data about employees who work

in more than one cost centre or department). Includes Statutory Sick Pay.

MANPAC

ORIGINATOR: AWA Computer Services Pty Ltd.

AVAILABLE ON: McDonnell Douglas, Sabre.

DESCRIPTION: Combined payroll and personnel administration system.

ON-LINE 2000 PAYROLL

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Features include: unlimited number of allowances and deductions, weekly, fortnightly or monthly cycles, additional cycles for 'shut-down' periods, caters for multiple awards, multiple cost-centre split for actual wages. Often integrated with other modules including General ledger, Job costing and/or Manufacturing.

PAYMAN

ORIGINATOR: Timeslice Ltd.

DISTRIBUTOR(S): Aston Technology Ltd, Universal Computers Ltd.

AVAILABLE ON: Altos, Crystal, Ultimate.

PRICE: £900 (Crystal desktop). £1500 (Crystal floor-mount).

DESCRIPTION: Integrated payroll and personnel system jointly developed with a local authority. It features online updates, complete audit trail, full Statutory Sick Pay, generation of BACS tape, payments from hourly to yearly, optional integration with Nominal ledger, time sheet analysis, cost centre analysis, pay location module. The personnel features include company car records, car usage details, family details, pension details, training record, memberships of organisations, holiday and absence records, previous employment.

PAYROLL

ORIGINATOR: Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: MMC.

PAYROLL

ORIGINATOR: Adserve Computing Ltd.

AGENT: Aston Technology Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: DMC Financial Management System.

PAYROLL

ORIGINATOR: Applied Computer Expertise Ltd.

AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.

PROGRAM SUITE: ACE standard ledger suite.

DESCRIPTION: Features include: easy display of employee records; SSP recording and analysis; user-defined descriptions of pre- and post-tax additions and deductions; payment by cash, cheque and/or credit transfer; departmental and company analyses. May be used as a stand-alone package or integrated.

PAYROLL

ORIGINATOR: AWA Computer Services Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

PROGRAM SUITE: IDEAS.

DESCRIPTION: It provides an adaptive system to meet the needs of payroll and personnel administration functions. It offers the choice of 5 pay frequencies, 3 types of pay methods, choice of denominations for coinage analysis, the ability to round net pay amounts to any user-defined standard, extra tax facility, comprehensive leave accrual procedures, automatic pay option, standard allowances and deductions, maintenance of superannuation information, etc. It also contains a Labour costing module, whereby all income earned by an employee is allocated to cost centres. Earnings are summarised by cost centre detailing ordinary pay, overtime pay, overtime premium, annual leave, sick leave, long service leave, allowances and termination pay.

PAYROLL

ORIGINATOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PRICE: £1,000.

PROGRAM SUITE: PICKACS.

DESCRIPTION: Produces standard payroll outputs. Features include: optional integration with general ledger, payment by credit transfer/auto pay, audit trail includes complete build-up-to-gross analysis, year end returns for employees, DHSS and Inland Revenue.

PAYROLL

AGENT: Computer Factors (Sales) Ltd.

PAYROLL

ORIGINATOR: Construction Information Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.

PROGRAM SUITE: CONSTRUCT.

DESCRIPTION: Provides an on-line system for processing payroll with a large range of options regarding pay cycles, pay types, pay systems, virtually unlimited earnings and deduction/contribution codes. Interfaces with the General ledger and Job costing modules and maintains a costing system for the cost of unproductive time.

PAYROLL

ORIGINATOR: Database Applications Ltd.

AGENT: Ivory Computer Systems Ltd.

AVAILABLE ON: PICK - all, Sabre.

PROGRAM SUITE: Configure.

DESCRIPTION: It can be mounted on its own or integrated with the Product costing and nominal ledger routines.

PAYROLL

ORIGINATOR: Datastart (Computer Services) Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Zebra.

PRICE: £850.

PROGRAM SUITE: DIAS.

DESCRIPTION: Features include: calculation of PAYE and NI in accordance with specifications, multiple divisions and departments within a company, payments can be made by all normal recognised methods, no maximum to the number of pay and deduction elements making up total pay, full control reports, automatic posting to nominal ledger (if required).

PAYROLL

ORIGINATOR: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

DESCRIPTION: Will cope with calculation of gross and nett pay, preparation of payslips and credit transfers, production of departmental and company summaries, coin analysis, maintenance of Statutory Sick Pay entitlements, analysis of income tax, NI contributions, pension contributions, and other deductions and the preparation of year-end documentation. The build-up-to-gross facility can cope with complex industrial payment methods (e.g. gang bonuses). Custom reports can be produced using ENGLISH, SCAN or the EDP report generator.

PAYROLL

DISTRIBUTOR: General Automation Ltd.

AGENTS: Real Time Business Systems Ltd, Sanderson Computers Ltd, Simdell Ltd, Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Supports hourly, weekly and monthly paid employees. Can be operated independently or be interfaced to other modules in the accounting or manufacturing control areas. Range of facilities including entry of data from time sheets, up to 20 items build up to gross pay (including Statutory Sick Pay), up to 16 adjustable items pre- or post-tax, year end reports of P35s and P60s etc.

PAYROLL

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.

AVAILABLE ON: Prime, Ultimate.

PROGRAM SUITE: INFOFLO.

PAYROLL

ORIGINATOR: Kalamazoo plc.

AVAILABLE ON: Crystal, IBM PC/XT, Sperry PC.

HARDWARE REQUIREMENTS: 256Kb memory, 20Mb disc.

PRICE: £845. Price includes word processing.

PROGRAM SUITE: Integrated accounting system.

DESCRIPTION: May be sold as 'stand-alone' package or linked to Accounting module.

PAYROLL

ORIGINATOR: MOS Computers Ltd.

AVAILABLE ON: Mentor.

PRICE: £850.

PROGRAM SUITE: TARGET.

PAYROLL

ORIGINATOR: Ramdata Systems Ltd.

AVAILABLE ON: Crystal, WYSEpc.

HARDWARE REQUIREMENTS: 256Kb RAM, 10Mb hard disc.

PRICE: £900.

PAYROLL

ORIGINATOR: Real Time Business Systems Ltd.

AVAILABLE ON: McDonnell Douglas, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 256Kb RAM, 10Mb disc.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Caters for users having a requirement for both Up-to-Gross and Gross-to-Net calculations. Features include: up to 12 elements of gross pay per employee; up to 99 different deductions, priority deductions, protected earnings and net pay rounding options; taxable and non-taxable pay or deduction elements, statutory PAYE routines and NI contributions catered for; full leaver and history records automatically created; all statutory sick pay requirements incorporated into the system; BACS and Bank Giro catered for.

PAYROLL

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

PAYROLL

ORIGINATOR: System 800 Computers Ltd.

AVAILABLE ON: Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 20Mb disc storage.

DESCRIPTION: Designed to run on either an hourly, weekly or monthly basis. It has the ability to differentiate between different companies in a group, and several departments within a company. Functions include: calculate build-up to gross and breakdown to nett pay; print payslips and provide payment by cash, cheque or Giro; departmental and overall summaries; maintain employee pay and tax records; produce P60 and P35 documents; collation of SSP totals; cost analyses; integration into nominal ledger.

PAYROLL

ORIGINATOR: Wootton Jeffreys Systems Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: Complete payroll system which provides for all PAYE and DHSS requirements and which interlinks compatibility with other Wootton Jeffreys packages (e.g. Nominal ledger).

PAYROLL PACKAGE GENERATOR

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: The system generates tailor-made payroll packages (up-to-gross and gross-to-net) without any programming effort. Allows very speedy implementation and changes.

PAYROLL/PERSONNEL

ORIGINATOR: Howse, Fink & Johnson Computing Services Pty Ltd.

AVAILABLE ON: PICK - all.

PROGRAM SUITE: DISTRIB.

DESCRIPTION: Comprehensive records kept of personnel and pay details. Full wages control is enabled through comprehensive reporting and analysis, including a re-run capability on cheque printing. Full deductions/allowances control and automatic or manual adjustment of tax scale, hours worked, overtime, sick leave, holidays etc. Interfaces with General ledger and Salesman commissions packages.

PICKSOFT PAYROLL

ORIGINATOR: Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Designed to operate as a stand-alone module or to integrate with the Nominal ledger. Copes with hourly, weekly and monthly paid personnel. Banking details for credit transfer and BACS are maintained together with Statutory Sick Pay information. Additions and deductions may be entered and amended prior to payslip production. NI codes, tax bands and Statutory Sick Pay rates can be amended by the operator. All statutory documentation is produced.

ROLLER

ORIGINATOR: Systemes Informatiques pour l'Industrie s.a.r.l..

AVAILABLE ON: Intertechnique, PICK - all, Zebra.

DEVELOPMENT SYSTEM/LANGUAGE: PICK/BASIC, FRANCAIS.

SALARY/WAGES SYSTEM (RA/ESS)

ORIGINATOR: AMI Datashop.

AVAILABLE ON: IBM PC/XT and compatibles, Sabre.

HARDWARE REQUIREMENTS: 320Kb RAM.

PRICE: SwKr15,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

TRIPAY

ORIGINATOR: Tripoint Associated Systems Consultants Ltd.

DISTRIBUTOR(S): Aston Technology Ltd, CB Business Systems Ltd.

AGENTS: Aspect Computer Systems Ltd, Beauchamp Computer Systems Ltd, Centre Tec, Digitus Ltd, Essex Micro Computers Ltd, ORAC Information Systems Ltd.

AVAILABLE ON: Crystal, IBM Series/1, PICK - all, Sabre, Ultimate, Wicat, Zebra.

PRICE: From £850.

DESCRIPTION: Stand-alone system which may also be integrated with the TRIACC General ledger. Multi-department as well as multi-company and offers an extremely wide ranging, flexible approach to deductions.

WAGES AND SALARIES SYSTEM

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £2,000 (1st year licence fee), £300 (annual licence fee).

PROGRAM SUITE: PICS.

DESCRIPTION: Interfaces with General Ledger system. Where WIP control system is also in use a piecework bonus can be calculated from data input from labour tickets.

6.9. Purchase Ledger

ACCOUNTS PAYABLE

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTORS (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: MMC.

DESCRIPTION: Maintains supplier master file; updates non-purchase order payables in the open items file; selects supplier invoices for payment; creates general ledger entries; produces reports. Supplier payables for which a purchase order was issued are updated to the open item file by the Purchase Order module.

ACCOUNTS PAYABLE

ORIGINATOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PRICE: £1,000.

PROGRAM SUITE: PICKACS.

DESCRIPTION: Designed to permit the maintenance of the user's ledger in real-time, to provide ledger enquiry facilities and management information, as well as standard accounting output. The ledger may be maintained on an open item or balance brought forward basis, or a mixture of the two. The package may be installed as a stand-alone system, may be automatically linked with the Purchase order processing system, and may also be integrated with the General ledger system.

ACCOUNTS PAYABLE

ORIGINATOR: Construction Information Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.

PROGRAM SUITE: CONSTRUCT.

DESCRIPTION: Its purpose is to track the life cycle of a debt through its receipt, payment and cheque reconciliation. Special options relate to sub-contractors and prescribed payments. It interfaces with the General ledger, Job cost, Purchasing and Equipment modules.

ACCOUNTS PAYABLE

ORIGINATOR: ESCOM Inc [USA].

DISTRIBUTOR: Adserve Computing Ltd.

AGENT: Aston Technology Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb discs.

PROGRAM SUITE: DMC Financial Management System.

ACCOUNTS PAYABLE

DISTRIBUTOR: General Automation Ltd.

AGENTS: Mentor Management Applications Ltd, Real Time Business Systems Ltd, Sanderson Computers Ltd, Simdell Ltd, Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Maintains a detailed record of all purchases and enables management to schedule payments to suppliers to maintain cashflow. Integrates with General Ledger.

ACCOUNTS PAYABLE

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

ACCOUNTS PAYABLE

ORIGINATOR: Software Group [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 256Kb RAM, 20Mb disc storage.

PROGRAM SUITE: IAS.

ACCOUNTS PAYABLE SYSTEM (RA/ESS)

ORIGINATOR: AMI Datashop.

AVAILABLE ON: IBM PC/XT and compatibles, Sabre.

HARDWARE REQUIREMENTS: 320Kb RAM.

PRICE: SwK15,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

CREDITORS

ORIGINATOR: AWA Computer Services Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

PROGRAM SUITE: IDEAS.

DESCRIPTION: It facilitates the on-line entry of supplier invoices, and for the subsequent production of remittance advices, cheques and management reporting (including creditors' trial balance, cheques drawn report, vetting reports, general ledger posting reports and suppliers ledger). The module may be installed as a stand-alone system, or integrated with other modules including General ledger, Stock control.

CREDITORS PROCESSING

ORIGINATOR: Howse, Fink & Johnson Computing Services Pty Ltd.

AVAILABLE ON: PICK - all.

PROGRAM SUITE: DISTRIB.

DESCRIPTION: Features include: 'Due date' report, invoices reconciled with purchase orders and deliveries, cheque and remittance advice printing, cheque cancellation and reconciliation, full creditors enquiries facilities.

FORMS-PURCHASES

ORIGINATOR: Selima Software Ltd.

DISTRIBUTOR: Aston Technology Ltd.

AGENTS: Aston Technology dealer network, Logman Computer Services Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 1Mb RAM.

PRICE: £795.

DESCRIPTION: Real-time system which may be linked to the Nominal ledger and may also operate on a multi-company basis.

LIBRA PURCHASE LEDGER

ORIGINATOR: Simdell Ltd.

AGENTS: Aston Technology Ltd, Fletcher Computer Services Ltd, Hooper Systems & Technology Ltd. Other dealers on application.

AVAILABLE ON: Crystal, PICK - all, Prime, Sabre.

PRICE: From £1,000 (£150 annual maintenance).

DEVELOPMENT SYSTEM/LANGUAGE: Libra.

DESCRIPTION: Full multi-company, multi-currency purchase ledger including ledger interface by division or company, postings validated at entry, manual payment recording facilities, cash payments by matching reference or age period, unallocated cash facilities, standard reports.

ON-LINE 2000 ACCOUNTS PAYABLE

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Provides optional multiple currency handling and control, cheque preparation, bank reconciliation, detailed expense history and analysis capabilities. Can be used on a stand-alone basis or integrated with other modules in the suite.

PICKSOFT PURCHASE LEDGER

ORIGINATOR: Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Can operate as a stand-alone module or be integrated with Purchase order processing and Nominal ledger. Transactions are held with an English-type notation (e.g. P/INV, PYT) for simplicity of operation.

PURCHASE LEDGER

AGENT: 4GL Computing.

AVAILABLE ON: IBM PC/XT, Sperry PC.

PRICE: £800.

PURCHASE LEDGER

ORIGINATOR: Applied Computer Expertise Ltd.

AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.

PROGRAM SUITE: ACE standard ledger suite.

DESCRIPTION: Features include: multi-currency with variance reporting; easy display of supplier records showing previous 12 months purchases and costs figures and all open-items; cash postings allowing part-payment of invoices, un-matched cash, deposits and pre-payments; printing of cheques, remittance advices and Giros; cheque register. May be used as a stand-alone package or integrated.

PURCHASE LEDGER

AGENT: Computer Factors (Sales) Ltd.

PURCHASE LEDGER

ORIGINATOR: Datastart (Computer Services) Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Zebra.

PRICE: £850.

PROGRAM SUITE: DIAS.

DESCRIPTION: Provides a full open item system handling invoices, credit notes, remittances and journal adjustments.

PURCHASE LEDGER

ORIGINATOR: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

DESCRIPTION: May be linked to Purchase Order Processing and/or General Ledger systems.

PURCHASE LEDGER

DISTRIBUTOR(S): English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

PRICE: £695.

PROGRAM SUITE: Accounts suite.

PURCHASE LEDGER

ORIGINATOR: Fletcher Computer Services Ltd.

AVAILABLE ON: PICK - all, Sabre.

PRICE: £1,000.

PURCHASE LEDGER

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.

AVAILABLE ON: Prime, Ultimate.

PROGRAM SUITE: INFOFLO.

PURCHASE LEDGER

ORIGINATOR: Marshall Sons & Co Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Supplier master, invoice entry, credit notes, cash, journals, cheques, month-end reports, VAT reports, nominal analyses.

PURCHASE LEDGER

ORIGINATOR: MOS Computers Ltd.

AVAILABLE ON: Mentor.

PRICE: £850.

PROGRAM SUITE: TARGET.

PURCHASE LEDGER

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: The ledger utilises the input of basic credit and payment information to provide automated output and management information including feeds to the nominal ledger where necessary. Standard inputs and outputs are catered for such as credits, journal entries, payments, remittances and cheques as well as analyses and management reporting features.

PURCHASE LEDGER

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £1,500 (1st year licence fee), £225 (annual licence fee).

PROGRAM SUITE: PICS.

DESCRIPTION: Interfaces with General Ledger.

PURCHASE LEDGER

ORIGINATOR: Ramdata Systems Ltd.

BUNDLED ON: WYSEpc.

AVAILABLE ON: Crystal.

HARDWARE REQUIREMENTS: 256Kb RAM, 10Mb hard disc.

PRICE: £750.

PURCHASE LEDGER

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Maintains a detailed record of all purchases and facilitates scheduling of payments to suppliers to maintain cashflow. It creates, modifies, displays and deletes data records for suppliers, vouchers, credit memos, adjustments, manual cash disbursements.

PURCHASE LEDGER

ORIGINATOR: System 800 Computers Ltd.

AVAILABLE ON: Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 20Mb disc storage.

DESCRIPTION: An open-item, multi-company system designed for the control of scheduled payments, taking advantage of prompt payment discounts. Payment reconciliation with pre-checked invoice postings are available on a simplified screen display. Allows integration to nominal ledger.

PURCHASE LEDGER

ORIGINATOR: Systems Management Inc [USA].

UK OWNER/DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Business Control Programs (BCP+).

DESCRIPTION: This module provides real-time updating of information to assist in the effective monitoring and control of cash resources without jeopardising relationships with suppliers. Caters for invoice and credit note entry, payment processing and reporting.

PURCHASE LEDGER

ORIGINATOR: Timeslice Ltd.

DISTRIBUTOR(S): Aston Technology Ltd, PM Associates Ltd, Universal Computers Ltd.

AVAILABLE ON: Altos, Crystal, Prime, Ultimate PICK - all.

PRICE: £900 (desktop). £1500 (floormount).

DESCRIPTION: Features include: online update, open item, fast payment procedure, user defined supplier code, complete audit trail, aged creditors, optional auto numbering of vouchers, supplier, cost centre, due payments and trade & overhead analyses.

PURCHASE LEDGER

AGENT: Unison Technology plc.

AVAILABLE ON: Altos.

PRICE: £500.

TRIACC PURCHASE LEDGER

ORIGINATOR: Tripont Associated Systems Consultants Ltd.

DISTRIBUTOR(S): Aston Technology Ltd, CB Business Systems Ltd.

AGENTS: Aspect Computer Systems Ltd, Beauchamp Computer Systems Ltd, Centre Tec, Digitus Ltd, Essex Micro Computers Ltd, ORAC Information Systems Ltd.

AVAILABLE ON: Crystal, IBM Series/1, PICK - all, Sabre, Ultimate, Wicat, Zebra.

PRICE: From £695.

DESCRIPTION: Operates as a fully open item system, integrating with the other TRIACC packages. All transaction types are validated. There is provision for analysis codes to be applied. A version incorporating 10 foreign currencies is available.

6.10. Sales Ledger

ACCOUNTS RECEIVABLE

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTORS (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: MMC.

DESCRIPTION: Maintains customer master file; modifies items on the receivables file, applies cash receipts, creates general ledger transactions, produces reports. Customer invoices are updated to the receivables file by the Sales order module.

ACCOUNTS RECEIVABLE

ORIGINATOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PRICE: £1,000.

PROGRAM SUITE: PICKACS.

DESCRIPTION: Designed to permit the maintenance of the user's ledger in real-time, to provide ledger enquiry facilities and management information, as well as standard accounting output. The ledger may be maintained on an open item or balance brought forward basis, or a mixture of the two. The package may be installed as a stand-alone system, may be automatically updated by invoices generated by the Sales order processing system, and may also be linked to the general ledger system.

ACCOUNTS RECEIVABLE

ORIGINATOR: Construction Information Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.

PROGRAM SUITE: CONSTRUCT.

DESCRIPTION: Designed to give the user the ability to handle receivables and cash applications. There is a special option relating to sub-contract debtors. Interfaces with the Job cost and General ledger modules.

ACCOUNTS RECEIVABLE

ORIGINATOR: ESCOM Inc [USA].

DISTRIBUTOR: Adserve Computing Ltd.

AGENT: Aston Technology Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb discs.

PROGRAM SUITE: DMC Financial Management System.

ACCOUNTS RECEIVABLE

DISTRIBUTOR: General Automation Ltd.

AGENTS: Real Time Business Systems Ltd, Sanderson Computers Ltd, Simdell Ltd, Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Maintains a detailed record of all sales and enables management to maintain tighter credit control. Integrates with General Ledger.

ACCOUNTS RECEIVABLE

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

ACCOUNTS RECEIVABLE

ORIGINATOR: Software Group [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 256Kb RAM, 20Mb disc storage.

PROGRAM SUITE: IAS.

ACCOUNTS RECEIVABLE SYSTEM (RA/ESS)

ORIGINATOR: AMI Datashop.

AVAILABLE ON: IBM PC/XT and compatibles, Sabre.

HARDWARE REQUIREMENTS: 320Kb RAM.

PRICE: SwKr15,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

DEBTORS AND SALES ANALYSIS

ORIGINATOR: AWA Computer Services Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

PROGRAM SUITE: IDEAS.

DESCRIPTION: It provides full facilities for the generation of invoices from sales order forms (optionally), collection of all line item detail, and subsequent analysis and financial control of debtor accounts and sales history. Detailed ENGLISH-based sales analysis reports are available. The module may be installed on a stand-alone basis or may be integrated with Order processing, General ledger.

DEBTORS PROCESSING

ORIGINATOR: Howse, Fink & Johnson Computing Services Pty Ltd.

AVAILABLE ON: PICK - all.

PROGRAM SUITE: DISTRIB.

DESCRIPTION: Features include: full cash receipting facilities, including automatic reversal of dishonoured cheques, bank deposit slips produced on demand, comprehensive debtors enquiry, 'balance forward' and 'open item' methods of debtors processing, 13-month sales history and complete sales analysis by classification.

FORMS-SALES

ORIGINATOR: Selima Software Ltd.

DISTRIBUTOR: Aston Technology Ltd.

AGENTS: Aston Technology dealer network, Logman Computer Services Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 1Mb RAM.

PRICE: £795.

DESCRIPTION: Customers may be referenced by simple meaningful access keys, rather than only codes. When linked to the Nominal ledger, posting is automatic and instantaneous.

LIBRA SALES LEDGER

ORIGINATOR: Simdell Ltd.

AGENTS: Aston Technology Ltd, Fletcher Computer Services Ltd, Hooper Systems & Technology Ltd. Other dealers on application.

AVAILABLE ON: Crystal, PICK - all, Prime, Sabre.

PRICE: From £1,000 (£150 annual maintenance).

DEVELOPMENT SYSTEM/LANGUAGE: Libra.

DESCRIPTION: Full multi-company, multi-currency sales ledger including ledger accounting by division or company, open item or brought forward balance, post dated invoices, interfaces from sales invoicing and nominal ledger, postings validated at entry, multiple invoice and delivery addresses, cash receipts by matching reference, age period, roll forward, unallocated cash, standard reports.

ON-LINE 2000 ACCOUNTS RECEIVABLE

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Provides solid control, bank deposits, sales budgeting and extensive sales analysis. Can be installed alone or integrated with other modules in the suite.

PICKSOFT SALES LEDGER

ORIGINATOR: Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: May be operated as a stand-alone module or integrated with Sales invoicing, Sales order

processing, Stock control and Nominal ledger. Transactions are held with an English-type notation (e.g. INV, CSH) for easy identification by the operator. Sales analyses can be printed giving gross profits margins by customer, salesman or area.

SALES LEDGER

AGENT: 4GL Computing.
AVAILABLE ON: IBM PC/XT, Sperry PC.
PRICE: £800.

SALES LEDGER

ORIGINATOR: Applied Computer Expertise Ltd.
AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.
HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.
PROGRAM SUITE: ACE standard ledger suite.
DESCRIPTION: Features include: display of customer records showing previous 12 months sales and costs figures; multi-currency; customers accessed by name or number; aged debt reports; sales analyses by customer, area, home or export; cash flow prediction based upon past customer payment performance. May be used as a stand-alone package or integrated.

SALES LEDGER

AGENT: Computer Factors (Sales) Ltd.

SALES LEDGER

ORIGINATOR: Datastart (Computer Services) Ltd.
AVAILABLE ON: McDonnell Douglas, PICK - all, Zebra.
PRICE: £850.
PROGRAM SUITE: DIAS.
DESCRIPTION: Provides a full open item system handling invoices, credit notes, remittances and journal adjustments with links (as required) to sales order processing, sales analysis and nominal ledger.

SALES LEDGER

ORIGINATOR: Electronic Data Processing plc.
AVAILABLE ON: Mentor.
DESCRIPTION: Can be linked to the Sales order processing and/or General ledger systems.

SALES LEDGER

DISTRIBUTORS: English Language Software Company / Business Computers International.
AVAILABLE ON: Pinnacle.
PRICE: £695.
PROGRAM SUITE: Accounts suite.

SALES LEDGER

ORIGINATOR: Fletcher Computer Services Ltd.
AVAILABLE ON: PICK - all, Sabre.
PRICE: £1,000.

SALES LEDGER

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.
AVAILABLE ON: Prime, Ultimate.
PROGRAM SUITE: INFOFLO.

SALES LEDGER

ORIGINATOR: Marshall Sons & Co Ltd.
AVAILABLE ON: McDonnell Douglas.
DESCRIPTION: Customer master, invoice and credit note entry, cash application, month-end reports, VAT reports, nominal analyses.

SALES LEDGER

ORIGINATOR: MOS Computers Ltd.
AVAILABLE ON: Mentor.
PRICE: £850.
PROGRAM SUITE: TARGET.

SALES LEDGER

ORIGINATOR: Northgate Computer Services Ltd.
AVAILABLE ON: McDonnell Douglas.
DESCRIPTION: The sales ledger generates standard outputs, management information and feeds to the nominal ledger from the day to day input of invoice, cash, customer and journal information.

SALES LEDGER

ORIGINATOR: PICS Ltd.
DISTRIBUTOR: Sanderson Computers Ltd.
AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.
AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.
PRICE: £1,500 (1st year licence fee), £225 (annual licence fee).
PROGRAM SUITE: PICS.
DESCRIPTION: Interfaces with General Ledger.

SALES LEDGER

ORIGINATOR: Ramdata Systems Ltd.
BUNDLED ON: WYSEpc.
AVAILABLE ON: Crystal.
HARDWARE REQUIREMENTS: 256Kb RAM, 10Mb hard disc.
PRICE: £750.

SALES LEDGER

ORIGINATOR: Real Time Business Systems Ltd.
PROGRAM SUITE: Realsystem.
DESCRIPTION: Maintains a detailed record of all sales to ensure tight credit control. Features include: flexible cash recording methods; open item sales ledger; credit limits checked at order entry and prior to dispatch; automatic production of statements; commissions ledger; full integration with word processing.

SALES LEDGER

ORIGINATOR: System 800 Computers Ltd.
AVAILABLE ON: Zebra.
HARDWARE REQUIREMENTS: 128Kb RAM, 20Mb disc storage.
DESCRIPTION: An open-item, multi-company system designed for the control of matching invoices and cash postings to the sales accounts. Allows integration to nominal ledger.

SALES LEDGER

ORIGINATOR: Timeslice Ltd.
DISTRIBUTOR(S): Aston Technology Ltd, PM Associates Ltd, Universal Computers Ltd.
AVAILABLE ON: Altos, Crystal, Prime, Ultimate, PICK - all.
PRICE: £900 (desktop). £1500 (floormount).
DESCRIPTION: Features include: online update, open item, fast cash allocation, user defined account number, aged debt, profit, product, sales analyses, multi currency, settlement discount. Will integrate with other ledgers.

SALES LEDGER

ORIGINATOR: Systems Management Inc [USA].
UK OWNER/DISTRIBUTOR: Trifid Software.
AGENT: McDonnell Douglas Information Systems Ltd.
AVAILABLE ON: McDonnell Douglas.
PROGRAM SUITE: Business Control Programs (BCP+).

SALES LEDGER

AGENT: Unison Technology plc.
AVAILABLE ON: Altos.
PRICE: £500.

TRIACC SALES LEDGER

ORIGINATOR: Tripont Associated Systems Consultants Ltd.
DISTRIBUTOR(S): Aston Technology Ltd, CB Business Systems Ltd.
AGENTS: Aspect Computer Systems Ltd, Beauchamp Computer Systems Ltd, Centre Tec, Digitus Ltd, Essex Micro Computers Ltd, ORAC Information Systems Ltd.
AVAILABLE ON: Crystal, IBM Series/1, PICK - all, Sabre, Ultimate, Wicat, Zebra.
PRICE: From £695.
DESCRIPTION: Operates as a fully open item system. The system covers a variety of transactions - invoice,

credit note, cash and applies validation checks throughout. A version incorporating up to 10 foreign currencies is also available.

6.11. Stock Control and Inventory Systems

BOUGHTOUT RECORDS SYSTEM

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: Free with Stock control system, or as separate module - £1,000 (1st year licence fee), £150 (annual licence fee).

PROGRAM SUITE: PICS.

DESCRIPTION: Provides full details of buying prices and related information. Designed to run in conjunction with the Stock Control System.

COSMOS (COMPUTER OPERATED SUPPLY MANAGEMENT ON-LINE SYSTEM)

ORIGINATOR: Crown Agents.

AVAILABLE ON: Crystal, IBM PC/XT, IBM 4300.

PRICE: £6,000 (software only, UK), £9,000 (software only, overseas). Complete turnkey solutions also sold.

DESCRIPTION: Multi-user, multi-location software to control the general area of Supply management - inventory control, purchase, requisitioning, provisioning, issue, receipt, stocktaking and embodies a Supply Management information system. Developed especially for the public sector, but also suitable for company use.

FORMS-STOCK

ORIGINATOR: Selima Software Ltd.

DISTRIBUTOR: Aston Technology Ltd.

AGENTS: Aston Technology dealer network, Logman Computer Services Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 1Mb RAM.

PRICE: £795.

DESCRIPTION: May also be operated as a stand-alone system. Products may be accessed by part number or by up to six characters of the product description. Recalculation of cost prices may be carried out automatically, if desired. FIFO costing may be implemented to give tighter control on product costs.

INVENTORY

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.

AVAILABLE ON: Prime, Ultimate.

PROGRAM SUITE: INFOFLO.

INVENTORY

ORIGINATOR: Software Group [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 256Kb RAM, 20Mb disc storage.

PROGRAM SUITE: IAS.

INVENTORY

ORIGINATOR: Systems Designers International plc.

AVAILABLE ON: Prime.

PROGRAM SUITE: PRO III.

INVENTORY CONTROL

ORIGINATOR: ESCOM Inc [USA].

DISTRIBUTOR: Adserve Computing Ltd.

AGENT: Aston Technology Ltd.

AVAILABLE ON: Crystal, PICK - all.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb discs.

PROGRAM SUITE: DMC Financial Management System.

INVENTORY CONTROL

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Fully integrated with the Purchasing, Sales and Manufacturing modules. It provides for the creation, modification, display and deletion of all data records on the inventory database. Features include: inputs and controls stock adjustments; caters for single or multiple warehouses, in single or multiple divisions; each item may be associated with a standard and/or average cost; maintains a history of all stock movements by item.

INVENTORY CONTROL

ORIGINATOR: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Manufacturing Control System (MCS+).

DESCRIPTION: It produces real-time information to optimise the inventory investment and provide maximum customer service. The module is used to monitor: inventory receipts, issues and commitments, analyse inventory levels, classify (ABC) inventory, and maintain an overall history of inventory use as a guide for improved planning and overall control.

INVENTORY CONTROL/PURCHASING

ORIGINATOR: Howse, Fink & Johnson Computing Services Pty Ltd.

AVAILABLE ON: PICK - all.

PROGRAM SUITE: DISTRIB.

DESCRIPTION: Features include: helps decide optimum stock levels, with reports reflecting projected sales against stock holdings, allowing for buying trends or seasons; multi-warehouse capability; flexible stock pricing with quantity breaks and automatic maintenance of average and latest cost prices; purchase order production, progress chasing and goods receipt, preferred and alternate suppliers.

INVENTORY CONTROL SYSTEM

ORIGINATOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PRICE: £1,000.

PROGRAM SUITE: PICKACS.

DESCRIPTION: Designed to provide management information on all aspects of stock and its control. It maintains details of stocks movements, orders on suppliers and customer orders received. Stock balances are updated automatically by batch posting programs or via the sales invoicing programs. The package may be installed as a stand-alone system, may be automatically updated by invoices posted via the accounts payable system and may also be linked to the general ledger system and purchase order processing.

INVENTORY MANAGEMENT

ORIGINATOR: Construction Information Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.

PROGRAM SUITE: CONSTRUCT.

DESCRIPTION: Forms one of the CONSTRUCT Material Control System modules. The purpose is to accept details into the system from material receiving reports, maintain details of the quantity, value and physical location of every inventory item. It controls the allocation of costs to either the Equipment or Job cost modules from material requisitions, and interfaces with the General ledger module.

INVENTORY PLANNING

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTORS (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.
HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: MMC.

DESCRIPTION: Organises all requirements for inventory items such as: the master build schedule, sales order, production needs and automatic stock replenishment, with all material sources such as inventory on hand, scheduled work orders and incoming purchase orders. Nightly, the Material Requirements Planning is run. This determines net requirements, or shortages; applies all the ordering policies such as lead time, scrap factor, EOQ and order size; develops planned orders for production and complete buying recommendations for purchasing.

INVENTORY TRANSACTIONS/STOCK STATES

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

LIBRA STOCK CONTROL

ORIGINATOR: Simdell Ltd.

AGENTS: Aston Technology Ltd, Fletcher Computer Services Ltd, Hooper Systems & Technology Ltd. Other dealers on application.

AVAILABLE ON: Crystal, PICK - all, Prime, Sabre.

PRICE: From £1,000 (£150 annual maintenance).

DEVELOPMENT SYSTEM/LANGUAGE: Libra.

DESCRIPTION: Maintains stock details for central and depot stock. Has selective price adjustments with facility to delay introduction of revised prices.

ON-LINE 2000 INVENTORY MANAGEMENT SYSTEM

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Provides an optional hierarchical definition of a product from group to model to size to colour with considerable reduction in disc storage requirement. Traditional unique coding of each product is also available. Extensive usage history is recorded. Integrates with billing, accounting and manufacturing systems. Provides suggested re-order data as required.

PHYSICAL INVENTORY

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Allows a complete stock-take to be undertaken at any time of the year. Features include: generation and printing of stock tags, count sheets and cards; entry of physical inventory count; production of variance reports, recount sheets and recount tags; standard costs of inventory items can be changed at any time during the stock-take; final results are posted to the inventory and to the General ledger.

PHYSICAL INVENTORY

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

PICKSOFT STOCK CONTROL

ORIGINATOR: Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: May operate as a stand-alone module or be integrated with Sales invoicing, sales order processing and Purchase order processing. Stock records may be linked to multi-location and/or multi-level assemblies. Each record maintains a multi-pricing structure together with essential information relating to turnover history and current stock levels. Stock transactions may be posted through production and/or external suppliers. Simulations of stock requirements may be made using the "What if" option.

STOC II+

ORIGINATOR: Logman Computer Services Ltd.

AVAILABLE ON: Prime, Zebra.

HARDWARE REQUIREMENTS: Prime 2250 upwards, Zebra 1750 upwards.

DESCRIPTION: Comprehensive stock control and equipment tracking system. Features include: full inventory control, multi-project capabilities, multi-locations, customs documentation, import/export documentation, serial number tracking, material requisitioning, purchase order control, full costing/financial reporting.

STOCK

DISTRIBUTOR(S): English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

PRICE: £695.

DESCRIPTION: May be fully integrated with the Accounts suite. Features include: registration of orders; display of stock availability, alternates and re-ordering situation; production of simultaneous or prior delivery notes; back order option; invoice production.

STOCK

ORIGINATOR: Ramdata Systems Ltd.

AVAILABLE ON: Crystal, WYSEpc.

HARDWARE REQUIREMENTS: 256Kb RAM, 10Mb hard disc.

PRICE: £900.

STOCK ACCOUNTING

DISTRIBUTOR: General Automation Ltd.

AVAILABLE ON: Zebra.

STOCK CONTROL

ORIGINATOR: AWA Computer Services Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

PROGRAM SUITE: IDEAS.

DESCRIPTION: It facilitates the entry and control of purchase orders, goods receipts, and stock adjustments. Features include: maintenance of stock records, product grouping (incorporating a flexible discount structure, stock transfers, minimum/maximum stock levels and re-order point reporting, exception reporting, comprehensive stock enquiry facility. The module may be installed on a stand-alone basis or may be integrated with Order processing, Creditors, Job costing.

STOCK CONTROL

DISTRIBUTOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PROGRAM SUITE: Delta Manufacturing Control System.

DESCRIPTION: Maintains stock records in real time mode providing up to date management information. Unique stock record enquiry displays balances and history similar to manually maintained bin card. Items may be held by batch number in multiple locations.

STOCK CONTROL

AGENT: Computer Factors (Sales) Ltd.

STOCK CONTROL

ORIGINATOR: Datastart (Computer Services) Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Zebra.

PRICE: £850.

PROGRAM SUITE: DIAS

DESCRIPTION: Designed to provide management with information to enable them to retain only enough inventory to meet the demand for stock, to prevent running out of stock, and to allow economic lots of stock to be purchased. Links to sales order and purchase order processing modules.

STOCK CONTROL

ORIGINATOR: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

DESCRIPTION: Can be linked with sales order processing, purchase order processing, manufacturing control and general ledger systems.

STOCK CONTROL

DISTRIBUTOR: General Automation Ltd.

AGENTS: Real Time Business Systems Ltd, Retriever Technology Ltd, Sanderson Computers Ltd, Simdell Ltd, Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Most inventory postings such as stock on order, receipt of materials, issue of materials and dispatch of finished stock are controlled by this system. Automatic posting of all movements to the General Ledger.

STOCK CONTROL

ORIGINATOR: Kalamazoo plc.

AVAILABLE ON: Crystal, IBM PC/XT, Sperry PC.

HARDWARE REQUIREMENTS: 256Kb memory, 20Mb disc.

PRICE: £845. Price includes word processing.

PROGRAM SUITE: Integrated accounting system.

DESCRIPTION: May be sold as a 'stand-alone' system, or linked to Accounting module, with or without links to sales invoicing or sales order entry.

STOCK CONTROL

ORIGINATOR: Marshall Sons & Co Ltd.

AVAILABLE ON: McDonnell Douglas.

STOCK CONTROL

ORIGINATOR: MOS Computers Ltd.

AVAILABLE ON: Mentor.

PRICE: £850.

PROGRAM SUITE: TARGET.

STOCK CONTROL

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

STOCK CONTROL

ORIGINATOR: System 800 Computers Ltd.

AVAILABLE ON: Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 20Mb disc storage.

STOCK CONTROL

ORIGINATOR: Systems Management Inc [USA].

UK OWNER/DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Business Control Programs (BCP+).

DESCRIPTION: Provides real-time information to optimise inventory investment and improve customer service. Provides the ability to record inventory receipts and issues, and analyse inventory levels, highlighting stock shortages and slow and non-moving items.

STOCK CONTROL

ORIGINATOR: Timeslice Ltd.

DISTRIBUTOR: Aston Technology Ltd.

AVAILABLE ON: Crystal.

PRICE: £1500 (Crystal desktop). £2500 (Crystal floor-mount).

DESCRIPTION: A system designed to maintain stock at efficient levels in up to 100 warehouses. It features online updating, complete audit trail, low profitability and turnover reports, recommended order report, three methods of costing, etc.

STOCK CONTROL

AGENT: Unison Technology plc.

AVAILABLE ON: Altos.

PRICE: £500.

STOCK CONTROL SYSTEM

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £2,000 (1st year licence fee), £300 (annual licence fee).

PROGRAM SUITE: PICS.

STOCK LEDGER

ORIGINATOR: Applied Computer Expertise Ltd.

AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.

PROGRAM SUITE: ACE standard ledger suite.

DESCRIPTION: Features include: multi-branch; easy display of stock records showing current stock position, allocated stock; FIFO costs held; reports show stock valuation, stock below re-order level, price lists etc. May be used as a stand-alone package or integrated.

TRISTOCK

ORIGINATOR: Tripont Associated Systems Consultants Ltd.

DISTRIBUTOR(S): Aston Technology Ltd, CB Business Systems Ltd.

AGENTS: Aspect Computer Systems Ltd, Beauchamp Computer Systems Ltd, Centre Tec, Digitus Ltd, Essex Micro Computers Ltd, ORAC Information Systems Ltd.

AVAILABLE ON: Crystal, IBM Series/1, PICK - all, Sabre, Ultimate, Wicat, Zebra.

PRICE: From £1500.

DESCRIPTION: A multi-branch, multi-company stock control system which allows for the holding of stock in product groups and posts receipts, issues, returns and adjustments. Reports produced include audit reports, control reports (zero stock, below minimum etc), stock valuation, transaction history and analysis and perpetual inventory check list. The invoicing system is also available with Tristock.

7. Manufacturing Software

7.1. Bill of Materials

BILL OF MATERIAL

ORIGINATOR: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Manufacturing Control System (MCS+).

DESCRIPTION: This module provides real-time and batch capability to create, update and report parts master, parent-component relationships, single-level and indented bill of material.

BILL OF MATERIALS

DISTRIBUTOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PROGRAM SUITE: Delta Manufacturing Control System.

DESCRIPTION: Maintains information on the breakdown of the product into assemblies, sub-assemblies and components with required quantities of each level. No limit to number of levels in a structure.

BILL OF MATERIALS

DISTRIBUTOR: General Automation Ltd.

AGENTS: Real Time Business Systems Ltd, Retriever Technology Ltd, Sanderson Computers Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: This module allows finished products to be exploded to their constituent parts for use by the Manufacturing modules.

BILL OF MATERIALS

ORIGINATOR: Marshall Sons & Co Ltd.

AVAILABLE ON: McDonnell Douglas.

BILL OF MATERIALS

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Provides the structural details of each part together with manufacturing comments and the sequence of manufacturing operations. Features include: multi-level; where-used and quantity-used features, including exploded lists and indented parts list; standards maintained for each operation to allow the labour element of inventory cost to be tracked and monitored.

BILL OF MATERIALS

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

BILL OF MATERIALS

ORIGINATOR: Systems Designers International plc.

AVAILABLE ON: Prime.

PROGRAM SUITE: PRO III.

BILL OF MATERIALS/JOB COSTING

ORIGINATOR: Howse, Fink & Johnson Computing Services Pty Ltd.

AVAILABLE ON: PICK - all.

PROGRAM SUITE: DISTRIB.

DESCRIPTION: Caters for work order (or job) processing and job costing including comparisons to standard

and/or budgeted costs. An unlimited number of levels or sub-assemblies is allowed and also the inclusion of labour times and sub-contract costs. Work orders may be raised and costed for the production of standard products, products from a formula bill, or specially manually-defined jobs.

BILL OF MATERIALS PROCESSING

ORIGINATOR: Applied Computer Expertise Ltd.

AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.

PROGRAM SUITE: ACE standard ledger suite.

DESCRIPTION: Features include: multiple level structure file up to 100 levels or more; real-time updating of "where-used" data; real-time updating of structure including number and content of sub-assemblies; "what-if" report shows stock and raw material requirements and stock shortages; cost report shows cost of building specific number of finished items, sub-assemblies or parts. Integrates to job costing if desired.

ENGINEERING

ORIGINATOR: Anacom Inc [USA].

DISTRIBUTOR (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: MMC.

DESCRIPTION: Provides for the entry or updating of inventory master part records and bills of materials. The system can explode a bill of materials down through an infinite number of levels and produce an indented listing.

HISTORICAL BILLS OF MATERIAL

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

7.2. Capacity Planning

CAPACITY PLANNING

DISTRIBUTOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PROGRAM SUITE: Delta Manufacturing Control System.

DESCRIPTION: Finite and infinite capacity scheduling available to suit user needs. Graphical presentation is used to distinguish split of workload between planned and confirmed orders.

CAPACITY PLANNING

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.

AVAILABLE ON: Prime, Ultimate.

PROGRAM SUITE: INFOFLO.

CAPACITY PLANNING

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Addresses the problems of excessive work in progress, queues that are too long, large volumes of work that are behind schedule and excessive lead times. Features include: forms the base from which detailed operational schedules can be developed; provides long range capacity planning; assists in the

levelling of workloads; simulates plant operations to show the effect of adding/removing plant capacity, different product mixes and volumes, changing shifts and overtime; infinite and finite loading modes.

CAPACITY PLANNING

ORIGINATOR: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Manufacturing Control System (MCS+).

DESCRIPTION: This module determines workload by time period in each work centre for labour and machine, over and under-loaded situations being identified for management action.

CAPACITY REQUIREMENTS PLANNING

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

KITTING

DISTRIBUTOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PROGRAM SUITE: Delta Manufacturing Control System.

DESCRIPTION: Assigns batches of stock for manufacture of works orders utilising the bill of materials structures files. Can be used in trial mode to assess availability of stock for any planned or confirmed order.

MATERIAL AND CAPACITY PLAN SYSTEM

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £3,000 (1st year licence fee), £450 (annual licence fee).

PROGRAM SUITE: PICS.

DESCRIPTION: Provides full details of the gross and net material requirements and of the capacity required on each machine or group of machines within the factory. It allows forward planning of resources to take place and allows both stock shortages and overstocking to be minimised.

MATERIAL PLANNING SYSTEM (RA/MPS)

ORIGINATOR: AMI Datashop.

AVAILABLE ON: IBM PC/XT and compatibles, Sabre.

HARDWARE REQUIREMENTS: 320Kb RAM.

PRICE: SwKr15,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

ROUGH CUT CAPACITY PLANNING

ORIGINATOR: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Manufacturing Control System (MCS+).

DESCRIPTION: This module allows production managers to simulate the work load on the factory arising from alternative versions of the master manufacturing schedule and worksheet. The work load, phased by time periods, can be established against all work centres, or only those regarded as critical.

7.3. Costing

CONTRACT COSTING

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £2,000 (1st year licence fee), £300 (annual licence fee).

PROGRAM SUITE: PICS.

CONTRACT ESTIMATING

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £3,000 (1st year licence fee), £450 (annual licence fee).

PROGRAM SUITE: PICS.

COST ACCOUNTING

ORIGINATOR: Systems Designers International plc.

AVAILABLE ON: Prime.

PROGRAM SUITE: PRO III.

COST CONTROL

ORIGINATOR: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Manufacturing Control System (MCS+).

DESCRIPTION: This module provides a logical and comprehensive cost build-up system for each product, as well as required cost calculations and summary information. The module creates, updates and reports current production and standard costs for material, labour and overheads for each manufacturing stage. It uses Bill of Material and Routing files to generate costs.

COSTING AND VALUATION

DISTRIBUTOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PROGRAM SUITE: Delta Manufacturing Control System.

DESCRIPTION: Reports standard and actual costs of stock and work in progress. What-if costing facilities enable effects of changing cost parameters to be examined.

COSTMASTER

AGENT: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Complete job costing system providing cost centre time analysis, job cost sheets, work-in-progress reports, material analysis, cost and sales analysis, stock analysis.

JOB COSTING

ORIGINATOR: Applied Computer Expertise Ltd.

AVAILABLE ON: Crystal, IBM PC/XT, Mentor, Zebra.

HARDWARE REQUIREMENTS: 128Kb RAM, 1 VDU.

PROGRAM SUITE: ACE standard ledger suite.

DESCRIPTION: Features include: ideal for manufacturing companies who wish to revise prices of finished goods at job completion; transactions recorded include parts, labour, raw material; job progress may be displayed at each level and each sub-assembly showing quantities required and made, and cumulative costs to date; jobs in production may be compared to historical jobs for cost comparisons.

JOB COSTING

ORIGINATOR: AWA Computer Services Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

PROGRAM SUITE: IDEAS.

DESCRIPTION: It caters for the recording and reporting of all costs associated with completing specific jobs. Job

creation allows for the entry of date, division, description, production quantity, customer data, etc. Materials can also be reserved for a job at this stage. During the course of the job individual materials and quantities, labour hours, subcontractor costs and sundry items may be recorded. The module may be installed as a stand-alone system, or interfaced with the Stock control module.

JOB COSTING

DISTRIBUTOR: General Automation Ltd.

AGENTS: Real Time Business Systems Ltd, Retriever Technology Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: This system records material, labour and overhead costs accrued to each job as it progress through a factory.

JOB COSTING

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Records material, labour and overhead costs accrued to each job as it progresses through a factory. Features include: each job is monitored against dates (e.g. customer requirement and scheduled dates); caters for jobs sub-contracted to external contractors, processed on non-standard equipment or using non-standard labour rates; materials can be issued to jobs in batches.

ON-LINE 2000 JOB AND PRODUCT COSTING

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Features include: unlimited levels, 'what-if' function, automatic capture of price changes from Purchasing system, suggested price reporting, optional actual versus bill reporting, reconciliation with payroll. Used for stock replenishment, standard make-to-order, special jobs.

STANDARD COSTING

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Records material, labour and overhead standard costs for each product and level of manufacture. Features include: overheads are identified as a percentage of labour costs; costs are accumulated and available for comparison with actual costs at any time; variance reports produced on request at any time; standards can be changed in total or selectively.

TRIJOB

ORIGINATOR: Tripont Associated Systems Consultants Ltd.

DISTRIBUTOR(S): Aston Technology Ltd, CB Business Systems Ltd.

AGENTS: Aspect Computer Systems Ltd, Beauchamp Computer Systems Ltd, Centre Tec, Digitus Ltd, Essex Micro Computers Ltd, ORAC Information Systems Ltd.

AVAILABLE ON: Crystal, IBM Series/1, PICK - all, Sabre, Ultimate, Wicat, Zebra.

PRICE: From £1500.

DESCRIPTION: Job costing system integrated with sales, purchase and nominal ledger, payroll and stock systems. A virtually unlimited number of cost codes may be applied. In addition to the accumulation of financial values, quantities may also be extracted.

WORK ORDER COSTING

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

7.4. Integrated Manufacturing Systems

DELTA MANUFACTURING CONTROL SYSTEM

DISTRIBUTOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PRICE: £25,000.

DESCRIPTION: The Delta MCS uses a set of modules which utilise a common database. The appropriate modules are selected to meet users' individual requirements. The various modules are listed separately.

INFOFLO

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.

AVAILABLE ON: Prime, Ultimate.

DESCRIPTION: Manufacturing and distribution system which provides real-time and integrated business control solutions for: manufacturing companies; batch production and unique products; distribution companies needing excellent stock management; service departments - recording service calls, despatching engineers and invoicing; accounts departments. The main application modules of INFOFLO are listed separately. They are sales order, purchase orders, project orders, inventory, product definition, manufacturing control, requirements planning, capacity planning, service orders, asset register, general ledger, payroll, sales ledger, purchase ledger.

MANAGE-2000

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, Mentor, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PRICE: A\$25,000 to A\$100,000 (depending upon modules selected).

DESCRIPTION: An integrated accounting, marketing, engineering and manufacturing system, with a wide range of modules which may operate on a stand-alone basis or be integrated.

MANUFACTURING

DISTRIBUTOR: General Automation Ltd.

AGENT: Retriever Technology Ltd.

AVAILABLE ON: Zebra.

MANUFACTURING CONTROL SYSTEM

DISTRIBUTOR: Management Accounting Software Systems Ltd.

AVAILABLE ON: Mentor, PICK - all, Ultimate.

DESCRIPTION: Available in late 1985 for medium to large organisations. It comes complete with a code generator and extensive library of reports. The system is especially suitable for make-to-order style of manufacturing and organisations which have to produce many tenders. The special strength of the system is its control of the marketing activity necessary to secure a given volume of business.

MANUFACTURING CONTROL SYSTEM (MCS+)

ORIGINATOR: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: The Manufacturing Control System (MCS+) consists of 11 modules which provide management with all necessary information for the planning and

control of manufacturing processes and decision making. Each module is listed separately. The MCS can be interfaced with the Business Control Programs.

MANUFACTURING SYSTEMS

AGENT: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Bill of materials, stores control, production data control, shop floor recording, planners system, sales/purchases, wages bonus system, work study, works documentation, product costing and stock valuation, materials requirements planning, capacity planning.

MMC (MANUFACTURING MANAGEMENT AND CONTROL)

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTOR (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: Crystal, McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PRICE: Modular pricing with modules ranging from £27,000 to £50,000. £12,000 (Crystal).

DESCRIPTION: Comprehensive integrated manufacturing and financial package which assists management in the control of a typical fabrication and assembly plant. Software modules include engineering entry, order processing, inventory planning (MRP), purchasing, work in process costing, shop floor control (CRP), accounts receivable, accounts payable, payroll and general ledger.

MMC-J

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTOR: Adserve Computing Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: The jobbing shop derivative of MMC. Designed to meet the needs of a manufacturing company that has many non-repetitive works orders, needs to provide fast and accurate estimates, needs to schedule plant flow carefully, needs to track and change works orders frequently. Includes the following modules: quotations, engineering, material control, purchasing, shop floor control, costing, payroll, bought ledger, sale ledger and general ledger.

PICS

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £1,000 - £8,000 per module.

DESCRIPTION: Integrated Financial and Production control system comprising Sales ledger, Purchase ledger, General ledger, Wages and salaries, Fixed assets, Sales order invoicing and analysis, Purchase order, Stock control, Work-in-progress and costing, Planning and methods of manufacture, material requirements and capacity planning, Tool control, Shop floor data collection. Each is listed separately.

SPRINTER

ORIGINATOR: Systemes Informatiques pour l'Industrie s.a.r.l..

AVAILABLE ON: Intertechnique, PICK - all, Zebra.

DEVELOPMENT SYSTEM/LANGUAGE: PICK/BASIC, FRANCAIS.

DESCRIPTION: Integrated series of modules covering all aspects of production management.

PRO III

ORIGINATOR: Systems Designers International plc.

AVAILABLE ON: Prime.

DESCRIPTION: Interactive, on-line system for manufacturing and/or distribution company planning and control. It consists of 15 modules including order entry and invoicing, inventory, purchasing, BOM, WIP, cost accounting, master scheduling, MRPII, shop floor, ledgers, auto-documentation. Modules can be installed separately in functionally related groups or in total.

7.5. Materials Requirements Planning

MATERIAL REQUIREMENT PLANNING

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTOR (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: MMC.

DESCRIPTION: Includes net change MRP, regenerative MRP, ABC analysis, inventory planning inquiry, stock enquiry.

MATERIAL REQUIREMENT PLANNING

DISTRIBUTOR: General Automation Ltd.

AGENTS: Real Time Business Systems Ltd, Retriever Technology Ltd, Sanderson Computers Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: This module allows the material requirements for a selected set of jobs or sales orders to be determined over a given time frame. Each assembly is exploded and netted off against stock to determine material shortages/requirements.

MATERIAL REQUIREMENT PLANNING

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Determines exact material and manufacturing schedules based on customer or works order. Features include: identifies material required for one order from a customer, one works order for stock item, or all outstanding orders; calculates gross or net requirements of current stock and orders on suppliers; provides two levels of MRP - short term with mixed timescales or long term with standard time intervals.

MATERIAL REQUIREMENT PLANNING II

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTOR (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

PROGRAM SUITE: MMC.

MATERIAL REQUIREMENT PLANNING II

ORIGINATOR: Systems Designers International plc.

AVAILABLE ON: Prime.

PROGRAM SUITE: PRO III.

MATERIAL REQUIREMENT SYSTEM (RA/MBU)

ORIGINATOR: AMI Datashop.

AVAILABLE ON: IBM PC/XT and compatibles, Sabre.

HARDWARE REQUIREMENTS: 320Kb RAM.

PRICE: SwKr15,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

MATERIAL REQUIREMENTS PLANNING

ORIGINATOR: Howse, Fink & Johnson Computing Services Pty Ltd.

AVAILABLE ON: PICK - all.

PROGRAM SUITE: DISTRIB.

DESCRIPTION: Allows the complete monitoring of all stock used as components in the production of assemblies, etc. Any significant changes are reported, along with the necessary action to be taken in order to maintain parts availability. In exploding each assembly level, MRP determines whether quantity on hand plus scheduled acquisitions are sufficient to met demand. If not, an automatic purchase order is raised.

MATERIALS REQUIREMENTS PLANNING

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, Mentor, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

REQUIREMENTS PLANNING

DISTRIBUTOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PROGRAM SUITE: Delta Manufacturing Control System.

DESCRIPTION: Identifies stock shortages and generates a suggested program of purchase and manufacture which will service the needs of production and sales. Forecasting routines can be implemented where required.

REQUIREMENTS PLANNING

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.

AVAILABLE ON: Prime, Ultimate.

PROGRAM SUITE: INFOFLO.

REQUIREMENTS PLANNING

ORIGINATOR: Marshall Sons & Co Ltd

AVAILABLE ON: McDonnell Douglas.

REQUIREMENTS PLANNING

ORIGINATOR: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Manufacturing Control System (MCS+).

DESCRIPTION: This module determines exact component requirements and manufacturing schedules based upon commitments to customer and/or product forecasts. When the demand for finished goods and spare parts has been established, the system computes the quantities needed to meet demand on a time-phased basis, using user-defined order policies.

7.6. Miscellaneous Manufacturing Processes

GROUP TECHNOLOGY/DESIGN RETRIEVAL CODES

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, Mentor, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

MPS FORECASTING

ORIGINATOR: Adserve Computing Ltd.

DISTRIBUTOR: Aston Technology Ltd.

AVAILABLE ON: Crystal.

PRICE: £4,950.

DESCRIPTION: A comprehensive forecasting module which integrates with the MMC manufacturing system, and which offers four different forecasting algorithms. Data from sales orders can be used as the basis for the calculations or forecast orders can be used. Reports include graphical outputs.

ON ORDER

ORIGINATOR: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Manufacturing Control System (MCS+).

DESCRIPTION: This module maintains every order used throughout the manufacturing operation. The user is guided through the creation of the master manufacturing schedule and work sheet (both of which are basic to the Rough Cut and Requirements Planning modules).

This module can create, update and report purchase orders (if the BCP+ Purchase Order is not implemented), production work orders and master schedule orders.

PLANNING RECORDS SYSTEM

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £5,000 (1st year licence fee), £750 (annual licence fee).

PROGRAM SUITE: PICS.

DESCRIPTION: Maintains full details of the method of manufacture of each item. Provides both the bills of material and the labour routing details, as well as full costing information.

PRODUCT DEFINITION

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.

AVAILABLE ON: Prime, Ultimate.

PROGRAM SUITE: INFOFLO.

QUARTEC

ORIGINATOR: Retriever Technology Ltd.

AVAILABLE ON: IBM PC/XT or compatibles.

PRICE: £1,000 upwards.

DESCRIPTION: Quality control package for statistical process control, acceptance sampling and gauge calibration.

SCRAP REPORTING AND YIELD ANALYSIS BY OPERATION

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, Mentor, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

SPECIFICATIONS

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Provides the facility to create specifications for all levels of assembly of products manufactured by the company. Features include: specifications on any topic including: design instructions, manufacturing instructions to operators, machine settings, inspection instructions, optional components, packing instructions, cross reference to customers standards (e.g. Ministry of Defence), sub-contracting procedures, standards and quality criteria.

TOOL CONTROL SYSTEM

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £1,000 (1st year licence fee), £150 (annual licence fee).

PROGRAM SUITE: PICS.

DESCRIPTION: Provides a full history of tool cost details and related information.

7.7. Production Scheduling

MASTER PRODUCTION SCHEDULING

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTOR (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: MMC.

DESCRIPTION: The purposes are: to effectively plan all manufacturing resources, including labour, machine and material; to interface with MRP to produce a complete closed-loop system; to integrate business planning with production planning. Features include a 'what if' facility.

MASTER SCHEDULING

ORIGINATOR: Systems Designers International plc.

AVAILABLE ON: Prime.

PROGRAM SUITE: PRO III.

WORK ORDER PLANNING SYSTEM (RA/AOF)

ORIGINATOR: AMI Datashop.

AVAILABLE ON: IBM PC/XT and compatibles, Sabre.

HARDWARE REQUIREMENTS: 320Kb RAM.

PRICE: SwKr15,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

7.8. Routing

ROUTING

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Maintains a complete list of operations associated with each job. It maintains routings for each finished product and each level of manufacture/assembly, together with alternative routings. Features include: displays/prints instructions; records standards and actual times for each process; fully integrated with Bill of materials, Specifications, Shop control and Inventory.

ROUTING

ORIGINATOR: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Manufacturing Control System (MCS+).

DESCRIPTION: This module accesses the Bill of Material module and provides production managers with consolidated information to give them control of product flow through all fabrication and assembly operations to finished goods.

WORK CENTRES/ROUTINGS

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, Mentor, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

7.9. Shop Floor Control

INPUT-OUTPUT CONTROL

ORIGINATOR: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Manufacturing Control System (MCS+).

DESCRIPTION: This module monitors the work entering and leaving each work centre and provides information for comparing actual work rates with expected work rates.

MANUFACTURING CONTROL

DISTRIBUTOR: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

MANUFACTURING CONTROL

ORIGINATOR: Interactive Inc [USA] / Interactive Inc.

AVAILABLE ON: Prime, Ultimate.

PROGRAM SUITE: INFOFLO.

ON-LINE 2000 MANUFACTURING/JOBING

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Copes with jobbing, batch and flowline production. Features include: specifications incorporate bills of material, labour, job set-up, routing, operating instructions; unlimited number of levels; works orders can be generated automatically from a stock analysis or can be initiated from a production plan; parts availability analysis can be undertaken; plant loading analysis; costing.

PROCESS PLANNING

DISTRIBUTOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PROGRAM SUITE: Delta Manufacturing Control System.

DESCRIPTION: Maintains data on production resources (machines, tools and jigs, operatives etc.) and process route information for assemblies and piece parts.

PRODUCTION CONTROL

ORIGINATOR: Database Applications Ltd.

AVAILABLE ON: PICK - all, Sabre.

DESCRIPTION: Extension of the Configure accounting suite.

SHOP CONTROL

ORIGINATOR: Real Time Business Systems Ltd.

PROGRAM SUITE: Realsystem.

DESCRIPTION: Collects, tracks and reports on the status of all jobs in the manufacturing process. It tracks in detail all cost transfers associated with the movement of materials and the expenditure of direct and indirect labour. Features include: batch job and single shop order maintenance; control of stock replenishment by collection and release of stock jobs; entry of sales order related, indirect expense, engineering and marketing jobs; entry and control of material requisitions and job transfers by picking lists.

SHOP FLOOR

ORIGINATOR: Systems Designers International plc.

AVAILABLE ON: Prime.

PROGRAM SUITE: PRO III.

SHOP FLOOR CONTROL

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTOR (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: MMC.

DESCRIPTION: This module deals with the management of machines, work centres and manpower. It includes the following functions: routings, tracking and capacity planning.

SHOP FLOOR CONTROL/LABOUR REPORTING

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

SHOP FLOOR RECORDING SYSTEM

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £8,000 (1st year licence fee), £1200 (annual licence fee).

PROGRAM SUITE: PICS.

DESCRIPTION: Allows both time and attendance recording and the recording of all time worked against individual jobs to take place on the shop floor. Where appropriate, magnetic stripe badge readers and bar code readers can be used to improve the accuracy and security of the system.

WORK ORDER LAUNCHING

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTOR (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: MMC.

DESCRIPTION: Used by the production department to control the opening and completion of work orders. Following decisions as to which orders to open on to the floor, checks that all parts are available and in sufficient quantity, produces picklists. Completed work orders are reported back to the system. Unplanned events are allowed for.

7.10. Traceability

ARCHIVING AND TRACEABILITY

DISTRIBUTOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PROGRAM SUITE: Delta Manufacturing Control System.

DESCRIPTION: Comprehensive procedures for tracing batches of materials used in any given product and identifying other items in which the batches were used. The user can specify the amount of live data held prior to archiving to tape.

LOT TRACEABILITY

ORIGINATOR: ROI Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, Mentor, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 50Mb disc storage.

PROGRAM SUITE: MANAGE-2000.

TRACEABILITY PROCESSING

ORIGINATOR: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Manufacturing Control System (MCS+).

DESCRIPTION: This module provides the necessary facilities for the retrieval of the traceability elements identified in the database. The procedures satisfy traceability demands from contractual and/or legislative requirements enabling materials and components to be traced from stocked or purchased parts through to dispatch of the finished goods comprising these parts; and from finished goods back through production to the stocked or finished parts that initiated the activity. The module is fully integrated across both BCP+ and MCS+.

7.11. Work in Progress

WIP CONTROL SYSTEM

ORIGINATOR: PICS Ltd.

DISTRIBUTOR: Sanderson Computers Ltd.

AGENTS: 4GL Computing, Cotswold Computer Services Ltd, Retriever Technology Ltd, Unison Technology plc.

AVAILABLE ON: C.Itoh, McDonnell Douglas, PICK - all, Sabre, Zebra.

PRICE: £2,000 (1st year licence fee), £300 (annual licence fee).

PROGRAM SUITE: PICS.

WORK IN PROCESS COSTING

ORIGINATOR: Anacomp Inc [USA].

DISTRIBUTOR (UK): Adserve Computing Ltd.

AGENT (AUSTRALIA): Domestic Computer Systems Pty Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime.

HARDWARE REQUIREMENTS: 256Kb RAM, 67Mb disc storage.

PROGRAM SUITE: MMC.

DESCRIPTION: Accumulates direct costs for each work order including labour material and sub-contract expenses. These are then compared with standards and variances are computed.

WORK IN PROGRESS

DISTRIBUTOR: Compaddress Ltd.

AVAILABLE ON: Mentor, Prime, Ultimate, Zebra.

HARDWARE REQUIREMENTS: 20Mb disc storage.

PROGRAM SUITE: Delta Manufacturing Control System.

DESCRIPTION: Controls the allocation of work to resources and reports back the status of batches in progress. Shop floor data collection available.

WORK IN PROGRESS

DISTRIBUTOR: General Automation Ltd.

AGENTS: Real Time Business Systems Ltd, Retriever Technology Ltd, Sanderson Computers Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: This module collects, tracks and reports on the status of all jobs in the manufacturing process. It also tracks all cost transfers associated with the movement of materials and the expenditure of direct and indirect labour.

WORK IN PROGRESS

ORIGINATOR: Systems Designers International plc.

AVAILABLE ON: Prime.

PROGRAM SUITE: PRO III.

WORK IN PROGRESS

ORIGINATOR: Systems Management Inc [USA].

DISTRIBUTOR: Trifid Software.

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

PROGRAM SUITE: Manufacturing Control System (MCS+).

DESCRIPTION: This module creates, updates and reports work order status throughout the entire production cycle. It also reports on costs associated with actual production, and pinpoints variances between actual and planned costs resulting from work activity and management decisions.

8. VERTICAL MARKET SOFTWARE

8.1. Advertising

ADVERTISEMENT MANAGEMENT SYSTEM

ORIGINATOR: Hooper Systems & Technology Ltd.

AVAILABLE ON: PICK - all, Prime.

DESCRIPTION: Advertisement order processing and invoicing system interfacing into statistical and accounting procedures.

ADVERTISING

AGENT: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Press, television, work-in-progress, sales ledger, bought ledger, nominal ledger, petty cash, payroll, client profitability.

ADVERTISING AGENCIES SYSTEM

ORIGINATOR: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

ADVERTISING AGENCY SYSTEM

ORIGINATOR: Adserve Computing Ltd.

AVAILABLE ON: PICK - all.

HARDWARE REQUIREMENTS: 256Kb RAM, 10Mb disc storage.

PRICE: Rented from £1,800 p.a.

DESCRIPTION: Consists of the following modules: Press system (orders, schedules, invoices, etc.); TV system (orders, schedules, invoices, audience statistics); Work in progress (suppliers' invoices etc, entered & posted to sales and purchase ledgers); Sales ledger; Bought ledger; Petty cash; Client profitability system (analyses of time spent by client, employee, turnover & revenue by client or classification etc); Nominal ledger.

ADVERTISING REVENUE CONTROL

ORIGINATOR: Timeslice Ltd.

NEWSPAC

ORIGINATOR: AWA Computer Services Pty Ltd

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

DESCRIPTION: Newspaper Advertisement System. Controls all administrative processes associated with the sales, booking, placement and billing of advertisements in a newspaper or similar periodical journal. It also compiles and produces detailed statistics by issue, customer, sales representative and copy category. Consists of 5 main modules: Advertisement bookings, Publication control, Line classified advertisements type-setting, Billing and accounts receivable, Publication statistics. May be integrated with PRINTPAC.

8.2. Agriculture

AGRICULTURAL MERCHANTS

AGENT: Computer Factors (Sales) Ltd.

HORTICULTURE

ORIGINATOR: AWA New Zealand Ltd.

AVAILABLE ON: Corona PC, IBM PC/XT and other compatibles.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

DESCRIPTION: A package for management reporting and accounting.

8.3. Astrology

LIFESCAN

ORIGINATOR: Coral Group.

AVAILABLE ON: Prime.

DESCRIPTION: Astrology system which will produce 30 page individual charts from exact birth data. Suitable for self-growth or marketing purposes.

8.4. Banking

BANKING

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Foreign exchange, loans and deposits, Eurobonds, general ledger, certificates of deposit, securities, Bank of England returns, current accounting, commercial loans, loans analysis.

CROESUS

ORIGINATOR: Ring Computer Software Pty Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: Croesus is an on-line real-time merchant banking system which consists of a number of integrated modules: money market cash dealing, bill trading, fixed interest, corporate finance facilities, settlements and banking, general ledger and accounting, word processing. Modules for international finance, foreign exchange and client marketing are under development. The word processing facility uses IBM (or similar) PCs linked to the Prime host.

8.5. Building and Construction

ACTION

ORIGINATOR: Construction Software Services Partnership.

AVAILABLE ON: PICK - all.

DESCRIPTION: Project control system for architects, project managers and contractors which offers: critical path analysis (PERT/CPM), project calendar, bar charts, cash flow, resource allocation and miscellaneous reports.

ADACS (ARCHITECTS DOCUMENTATION, ADMINISTRATION AND CONTROL SYSTEM)

ORIGINATOR: Construction Software Services Partnership.

AVAILABLE ON: PICK - all, Sabre, Wicat.

DESCRIPTION: An integrated suite of programs for architects/project manager offering facilities in the areas of: Drawing and documentation control; room data sheets; specification writing and printing; project administration (including contract adjustments, extension of time, progress payment details, rise and fall commitment statement). The package ACTION (q.v.) is also integrated into ADACS.

ARCHPAC

ORIGINATOR: AWA Computer Services Pty Ltd

AVAILABLE ON: McDonnell Douglas, Sabre.

DESCRIPTION: A system for architects which allows total control of paper flow and payments in contract administration.

BUILDERS AND CONTRACTORS

AGENT: Computer Factors (Sales) Ltd.

CHEOPS

ORIGINATOR: Construction Software Services Partnership.

AVAILABLE ON: IBM PC/XT, PICK - all, Sabre, Ultimate, Wicat.

DESCRIPTION: Contractors project control system which offers control over time, cost and resources. The main features offer: project budget and job costing,

activities (calendar, activity links, bar charts), material and labour (suppliers register purchase order/invoice/budget comparisons, time sheet input), sub-contract control, variations, progress payments, miscellaneous reports, accounting.

CONSTRUCT

ORIGINATOR: Construction Information Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Mentor, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.

PRICE: Varies depending upon system size.

DESCRIPTION: CONSTRUCT consists of a number of modules which act on a full stand-alone basis or as a fully integrated system. Each module is described separately, apart from the System Control Module which must be run if any of the other modules is being used. It stores all information on the user company (or companies), the active modules and defines system security.

CONTRACT ACCOUNTING SYSTEM (CATAS)

ORIGINATOR: Wootton Jeffreys Systems Ltd.

AVAILABLE ON: Prime.

DESCRIPTION: Can be linked to the Integrated Management Accounting System (IMAS).

EQUIPMENT

ORIGINATOR: Construction Information Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Mentor, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.

PROGRAM SUITE: CONSTRUCT.

DESCRIPTION: An equipment pool manages all units of equipment within a company. The responsibilities include the determination of rental rates, for operating costs, preventive maintenance costs, major overhaul costs, replacement decisions, maintenance scheduling, acquisitions and retirements, etc.

ESTIMATING

ORIGINATOR: Construction Information Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Mentor, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.

PROGRAM SUITE: CONSTRUCT.

DESCRIPTION: The objective of the estimating module is to simulate, as far as possible, the traditional worksheets used by estimators. There are 6 individual functions: estimating control, estimate resource allocation, bidding and cost distribution, risk analysis, resource scheduling, inflation/escalation analysis.

EVEREST

ORIGINATOR: Construction Software Services Partnership.

AVAILABLE ON: PICK - all.

DESCRIPTION: A parameterised estimating and analysis system for contractors and quantity surveyors allowing estimators to measure and price project costs using area elemental and/or measured approximate quantities related to the users own data base. The system facilitates the establishment and maintenance of an up to date rate system based on current price of materials, labour, plant and other elements.

HOUSE BUILDERS SYSTEM

ORIGINATOR: DataBase Information Systems & Services Ltd.

INTERCOST

ORIGINATOR: Construction Software Services Partnership.

AVAILABLE ON: Mentor, McDonnell Douglas, PICK - all, Sabre, Ultimate.

DESCRIPTION: Internal costing system designed for use by service supply organisations such as architects, engineers and quantity surveyors. It allows management to analyse job, company and staff productivity; control fee accounts payments and receipts; maintain timesheets and leave records. The main functions are: timesheets, job costing, job budgets, fee accounts, productivity analysis, cash books and reports.

JOB COST

ORIGINATOR: Construction Information Systems Inc [USA].

DISTRIBUTOR: IMG Systems Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Mentor, Prime, Ultimate.

HARDWARE REQUIREMENTS: 512Kb RAM, 40Mb disc storage.

PROGRAM SUITE: CONSTRUCT.

DESCRIPTION: It reports on the current status of each project on a day-to-day basis, by gathering information from Accounts payable, Accounts receivable, Purchasing, Payroll, Equipment and Inventory. The module accumulates cost, budget, commitment and revenue data by project, according to the project's chart of accounts.

RIPAC

ORIGINATOR: Construction Software Services Partnership.

AGENT (AUSTRALIA): AWA Computers.

AVAILABLE ON: McDonnell Douglas, Mentor, PICK - all, Prime, Sabre, Ultimate.

DESCRIPTION: A fully integrated suite of programs for quantity surveyors covering both pre-contract and post-contract administration. It links the pre-contract database to post-contract facilities so that cost statistics, variation, valuation, cash-flow, commitment statistics, etc are all based on, or related to, the original data collated by the surveyor at measurement stage. Covers measurement, preambles/specification, quantities/schedules, pricing, elements, post contract administration.

WINDOW DESIGN SYSTEMS

ORIGINATOR: System 800 Computers Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Developed to act as an aid to the design function by the use of grid designs and the maintenance of a styles file. A cutting list can be defined for each style/size and there is an option to produce a costed breakdown of all materials in any cutting list. The system features automatic processing of stock allocations to contract, posting of issues to stock file and automatic invoice production. Stock level checks are carried out automatically.

8.6. Charities

CHARITY ADMINISTRATION SYSTEM

ORIGINATOR: Dolphin Computer Services Ltd.

AGENTS: Asdon Computers Ltd, CB Business Systems Ltd.

AVAILABLE ON: Crystal, IBM PC/AT, IBM PC/XT, Sabre.

HARDWARE REQUIREMENTS: 10Mb disc.

DESCRIPTION: The main aims of the system are to provide financial control through a fully integrated ledger system (purchase, nominal and also payroll),

administrative control of covenant schemes, word processing and database storage/retrieval for names, addresses, etc. to produce automatic letters to donors, covenantors, etc.

8.7. Co-operatives

COPAC

ORIGINATOR: AWA Computer Services Pty Ltd
AVAILABLE ON: McDonnell Douglas, Sabre.
DESCRIPTION: An administrative system for control of co-operative operations, including a savings bank debtors system.

8.8. Credit Management

DEBT COLLECTION

ORIGINATOR: Timeslice Ltd.
DISTRIBUTOR: Aston Technology Ltd.
AVAILABLE ON: Crystal.
DESCRIPTION: Part of the LAWMAN series of modules. This module automates the process of the collection of monies from debtors. The system is based on an automatic diary which allows the user to define dates upon which documents are to be raised or actions taken. A direct interface is maintained with the accounting system so that court disbursements, costs and receipts are automatically entered. Documents such as praecipe, judgments, cheques are printed.

DEBTOR/LITIGATOR

DISTRIBUTOR: General Automation Ltd.
AGENTS: Datec Ltd, Universal Computers Ltd.
AVAILABLE ON: Altos, Ultimate, Zebra.
DESCRIPTION: Adjuncts to client accounting. DEBTOR is a system which accepts defaulting and delinquent accounts and is used for the management of debt recovery. LITIGATOR is designed to accept delinquent credit accounts due for litigation either directly or from DEBTOR. The system generates all documentation for necessary legal action and follows each case through.

INSTALMENT CREDIT CONTROL

DISTRIBUTOR: Universal Computers Ltd.
AVAILABLE ON: Altos, Ultimate.

LOAN ACCOUNTING

AGENT: Universal Computers Ltd.
AVAILABLE ON: Altos, Ultimate.
DESCRIPTION: Loans, saving and repayment system includes payment of interest etc.

MINDER

ORIGINATOR: Datec Ltd.
DESCRIPTION: Assists in recovering outstanding debts as promptly and efficiently as possible. Features include: creation of personalised debt recovery letters in the pre-litigation phase; computer-produced court documents in the approved formats; daily action list; work-state summary; temporary re-allocation of cases among clerks; integrated and/or stand-alone word processing; all cases controlled from within one integrated system; credit ledger and cashier facilities.

8.9. Credit Unions

CREDIT UNION SYSTEM

ORIGINATOR: AWA Computer Services Pty Ltd.
AGENT: AWA Computers.
AVAILABLE ON: Corona PC, McDonnell Douglas, Sabre.
DESCRIPTION: The system revolves around a comprehensive database which stores all relevant information including member details, account and loan data and supervisor functions. The major system components include: cashier functions; Savings and standard deductions; Loans; Investments; ATM facilities (on-line network, or off-line); Payroll; Banking and bank reconciliation. Applications are integrated into a financial accounting system for analysis and budget control. Security and integrity is a major feature of the system. There is also an Insurance system which provides

facilities for operating various insurance services for Credit Union members (see separate entry). A travel agency package can also be integrated into the suite for those credit unions operating travel services for their members.

8.10. Data Bases

CHEMDATA

ORIGINATOR: National Chemical Emergency Centre.
DISTRIBUTOR: Wootton Jeffreys Systems Ltd.
AVAILABLE ON: Prime.
DESCRIPTION: Hazardous chemicals database. For each chemical is recorded: nature, use of breathing apparatus, evacuation, explosive, how to disperse. Access to the details may be by full or part name, Hazchem code, etc. Suppliers details are also included.

8.11. Distribution

ALLDIST

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd
AVAILABLE ON: McDonnell Douglas.
DESCRIPTION: Fully integrated distribution management system.

COMPLETE WHOLESALE DISTRIBUTOR

DISTRIBUTORS: English Language Software Company / Business Computers International.
AVAILABLE ON: Pinnacle.
PRICE: £1,495.

DISTRIBUTION

DISTRIBUTOR: General Automation Ltd.
AGENT: Real Time Business Systems Ltd.
AVAILABLE ON: Zebra.
DESCRIPTION: Provides facilities for selling out of stock and from more than one warehouse. It handles warehouse to warehouse transfers so as to keep track of goods in transit and to plan lorry routing.

ON-LINE 2000 DISTRIBUTION SYSTEM

ORIGINATOR: On-line Data Processing Pty Ltd.
AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.
AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).
AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.
AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.
AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.
DESCRIPTION: Suite of modules used in all forms of retail/wholesale distribution. They can be used on a stand-alone basis or can be integrated. The relevant modules are: General ledger and budgeting, Plant depreciation ledger, Creditors ledger and expense reporting, Local and overseas purchasing, Inventory control and stocktaking, Debtors ledger with comprehensive sales reporting, Customer order entry and invoicing, Stores stock picking manager and order dispatch planning.

TOTAL DISTRIBUTION CONTROL

ORIGINATOR: Gail Computer Systems Inc [USA].
DISTRIBUTOR: IMG Systems Pty Ltd.
AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.
HARDWARE REQUIREMENTS: 256Kb RAM, 20Mb disc storage.
DESCRIPTION: Features include: full integration of inventory, sales, purchasing and accounting operations; flexible pricing of products so that different types of customers are afforded different prices automatically;

picking by individual order or master picksheet; automatic backorder filling when product becomes available; sophisticated inventory planning analysis.

8.12. Education

ALL TEACHING PROGRAM PROCESSOR

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Computer aided instruction system. Operates in three modes: Author mode where the teacher specifies screens and text, student inputs, tests to be performed on the student's response, actions to be taken, files to be updated and information to be logged; Student mode where a student pursues the teaching program derived from the author's specification; Monitor mode where the results of the student's study are monitored.

CAST (COMPUTER ASSISTED SYSTEMS TRAINER)

ORIGINATOR: IPM Data (UK) Ltd.

DISTRIBUTOR: Systems and Accounting Services Company Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: CAST is an authoring system originally developed for the oil and gas industries. Complete courses can be developed very rapidly using the Tutor, Creator and Learner packages. The computer-based instruction may be integrated with other teaching media such as slides, video and audio. It may also be combined with simulation software to allow dynamic systems familiarisation.

DISC TUTOR

ORIGINATOR: DISC International Ltd.

AVAILABLE ON: PICK - all, Prime.

DESCRIPTION: This distance learning system is based upon the Viewbase videotex system and comprises four base elements: course generation (authoring), course execution (student use of the authored course), tutoring system (full control information for tutors regarding assessment of student populations plus course performance and progress), student administration (registration, tracking and progress). Access to the system may be via an ASCII terminal, a Prestel terminal or a NAPLPS terminal (if advanced graphics are required). Links to videotex are provided.

ENGLISH LANGUAGE STRUCTURE DRILLS

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Set of drills based upon the ALL Teaching Program Processor.

SCHOOL ADMINISTRATION SYSTEM

ORIGINATOR: Dolphin Computer Services Ltd.

AGENTS: Asdon Computers Ltd, CB Business Systems Ltd.

AVAILABLE ON: Crystal, IBM PC/AT, IBM PC/XT, Sabre.

HARDWARE REQUIREMENTS: 10Mb disc.

DESCRIPTION: The main aims of the system are to provide financial control through a fully integrated ledger system (fees accounting, purchase, cash receipts and payments, nominal and also payroll); administrative control within the school through full records for all pupils, present and future which may be correlated in any form to provide reports, statistics, nominal rolls etc; word processing for the school office, and database storage/retrieval for names, addresses, etc. to produce automatic letters to parents, former pupils and parents of future pupils.

STAMPEDE

ORIGINATOR: AWA Computer Services Pty Ltd

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Comprehensive student administrative system highlighting student records, training and development and off-campus administration.

STUDENT UNIONS

ORIGINATOR: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

8.13. Estate Agents

COMPLETE ESTATE AGENT

DISTRIBUTORS: English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

PRICE: £1,995.

DESCRIPTION: Features include: enter properties and applicant details; property enquiries; lease property; view property; landlord details; follow-up appointments.

8.14. Financial Services

BOND DEALING

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Investment accounting system for investment/merchant banks and Eurobond dealers. Includes multi-currency ledgers, foreign exchange, client/control/general ledgers, confirmations, control reports, portfolio valuations.

COCOFIN (COMMODITY BROKING)

ORIGINATOR: Consultants (Computer and Financial) plc.

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Complete commodity companies system, on-line system, client ledgers/positions/options, contracts/contract diary, warrants, foreign exchange reports, cash book, Bank of England returns, clearing reports, MEMO interface, option contracts/warrants.

CURRENCY CONTROL SYSTEM

ORIGINATOR: Courtaulds Computing and Communications.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Allows monitoring of contracts purchasing foreign currency. Features monthly roll-forward of aged information, full nominal ledger interfaces.

FORWARDS

ORIGINATORS: Sucden (U.K.) Ltd, Cortex Computer Systems Ltd.

AVAILABLE ON: Crystal, Prime, Zebra.

DESCRIPTION: Commodity broking system. Features include: multi-market, multi-commodity, full option capability, automatic/system settlements, automatic contract generation, position analysis, credit control, integrated accounts system, optional links to IDM, ICCH. May be integrated with SPOT.

INFOS - INFORMATION NETWORK FOR SECURITIES

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: INFOS has been designed as the base component of a fully integrated stockbroker's information network. This module provides a multi-currency, contracting accounting and settlement facility. It includes interfaces to Charm and Talisman.

INVESTMENT FUNDS MANAGEMENT

DISTRIBUTOR: General Automation Ltd.

AGENT: Mentor Management Applications Ltd.

AVAILABLE ON: PICK - all, Zebra.

DESCRIPTION: This package has been designed for Investment Managers and Trustees and is capable of recording, analysing and valuing single and multiple portfolios. All categories of investment are catered for in single or multiple currencies.

INVESTMENT MANAGEMENT

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Portfolio valuation, contract debit/credit slips, brokers confirmation/bank instructions, access to

current market information, dealing history, multi-currency, general ledger accounting.

SHARE ACCOUNTING SYSTEM (RA/AKT)

ORIGINATOR: AMI Datashop.

AVAILABLE ON: IBM PC/XT and compatibles, Sabre.

HARDWARE REQUIREMENTS: 320Kb RAM.

PRICE: SwKr15,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

SPOT

ORIGINATORS: Sucden (U.K.) Ltd, Cortex Computer Systems Ltd.

AVAILABLE ON: Crystal, Prime, Zebra.

DESCRIPTION: Foreign exchange management system. Features include: identification of foreign exchange requirements, position evaluations, generates deal confirmation letters, checks confirmations received, diary feature, maturity lists, generates instruction letters for payments, calculates profit and loss, complete transaction history. May be integrated with FORWARDS.

STOCKBROKER SYSTEM

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Includes ledgers and account profiles.

STOCKBROKING

AGENT: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Fully integrated stockbroking control accounting and ledger system. Includes: contracts/client ledger/cash book, Charm and Talisman, market accounting, commission/dividend ledgers, valuations, options dealing, foreign currency and arbitrage.

STOCKBROKING

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

TIMS - THE INVESTMENT MANAGEMENT SYSTEM

ORIGINATOR: Consultants (Computer and Financial) plc.

DESCRIPTION: Investment management and accounting, fund management, portfolio valuation, unit trust valuation, performance monitoring.

TOPICLINE INTERFACE

ORIGINATOR: DISC International Ltd.

DESCRIPTION: Interface to link a host processor running Viewbase to TOPICLINE, a service offered by the Stock exchange which gives remote access to TOPIC (the Stock Exchange's videotex-based financial and business information system).

TRADED OPTIONS

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

TREASURY DEALING

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

TRUST ACCOUNTING

ORIGINATOR: Timeslice Ltd.

8.15. Fire Service

FIRE SERVICE INFORMATION SYSTEM

ORIGINATOR: Wootton Jeffreys Systems Ltd.

AVAILABLE ON: Prime.

HARDWARE REQUIREMENTS: Prime 2250, 1Mb RAM, 68Mb Winchester disc.

PRICE: £12,000.

DESCRIPTION: Computerised information system incorporating the Chemdata database containing details of all hazardous chemicals, and an incidence analysis program pinpointing high fire-risk areas with details of previous and potential occurrences.

8.16. Food Industry

FOOD COST CONTROL SYSTEM

ORIGINATOR: Datec Ltd.

DESCRIPTION: Handles the tasks associated with running a restaurant or other catering units, such as stock and portion control, financial management, supplier and recipe indexing, and sales performance.

8.17. Health Services

ADVERSE DRUG REACTION REPORTING SYSTEM

ORIGINATOR: DLB Systems Ltd.

AVAILABLE ON: Apricot, IBM PC/XT and compatibles.

HARDWARE REQUIREMENTS: 512Kb RAM.

PRICE: £3,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

DESCRIPTION: A package which provides facilities for the collection of data and the reporting of adverse events. Features include: details of suspected drug, dose, batch, reporting doctor and circumstances; patient details; adverse drug reaction details; details of current medication; coded drugs database; ability to print out Yellow cards; generation of standard letters.

AMBULANCE CONTROL SYSTEM

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Covers all aspects of patient travel request, planning and control as well as producing statistical reports to Orcon standards. Main features: Street index maintenance; Setting distance and timings between zones; Patient travel request; Planning; Control; Printouts/displays; Entering actuals against estimated times and distances; Statistical reports.

AMBULANCE SCHEDULING

AGENT: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

CLINICAL TRIALS DATA HANDLING SYSTEM

ORIGINATOR: DLB Systems Ltd.

AVAILABLE ON: Apricot, IBM PC/XT and compatibles.

HARDWARE REQUIREMENTS: 512Kb RAM.

PRICE: £3,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

DESCRIPTION: A package for the storage of trials data and the compilation of reports. Features include: a screen for each page of a case record form book (with many standard pages available); ability to perform basic statistical analyses; links to standard statistical packages; standard letters; pattern identification.

CLINICAL TRIALS MANAGEMENT SYSTEM

ORIGINATOR: DLB Systems Ltd.

AVAILABLE ON: Apricot, IBM PC/XT and compatibles.

HARDWARE REQUIREMENTS: 512Kb RAM.

PRICE: £3,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

DESCRIPTION: A package for the monitoring and administration of clinical trials. Features include: details of trials in progress and a history of previous trials; monitoring of critical events in the progress of a trial; databases of monitors, investigators, sponsors, controllers, etc; volunteer and/or patient databases; allocation of volunteers/patients dependent upon trial design; brief adverse drug reaction reporting (with links to full system if required).

DISPENSER

ORIGINATORS: Cortex Computer Systems Ltd.

AVAILABLE ON: IBM PC/XT, Crystal, PICK - all, Sabre, Zebra.

PRICE: £3,000 (£1,000 for a Health Authority purchasing under a Regional Health Authority regional licence agreement).

DESCRIPTION: Pharmacy management system. Main areas covered are Drug information - details of items to be dispensed; Pharmacy information - details of the

pharmacy, its S.I.S. references and staff who may use the system; Label information - details of instructions, directions, warnings etc to be printed on labels; Label production - control of production of labels and other issues and returns in the pharmacy; Reporting; Connection to the S.I.S.

HEALTH CARE

AGENT: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Stock control, patients private property, special equipment register, endorsements and gift funds, staff travelling expenses, computerised nursing information, commitment control, estate management information.

HEALTH SERVICE SYSTEMS

ORIGINATOR: ISIS Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

HOSPITAL MANAGEMENT INFORMATION SYSTEM

ORIGINATOR: AWA Computer Services Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Suitable for both public and private hospitals. The system revolves around a database which stores all relevant information, including details of patients, surgeons, clinics, beds, wards, services, and charges. System modules include the following: Admissions, discharges, transfers and patient billing; Outpatients billing; Planning and scheduling, Supplies inventory control; Catering control; Linen control; Accident reporting and analysis; Payroll. Applications are integrated into a financial system for analysis and budgetary control. There is a large number of other functions carried out by the system.

IMMUNISATION RECORDING (IRIS)

AGENT: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

NHS JOINT SOFTWARE DEVELOPMENT SCHEME

DISTRIBUTOR: Sanderson Computers Ltd.

AVAILABLE ON: C.Itoh.

DESCRIPTION: Sanderson offer a joint software development scheme under which the resources of Sanderson are available to the NHS at reduced rates.

NATIONAL SUPPLIES (SIWP) SYSTEM

AGENT: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

NHS APPLICATIONS

DISTRIBUTOR: General Automation Ltd.

AVAILABLE ON: Zebra.

OCTOPATH

ORIGINATOR: Diagnostic Systems Ltd.

AVAILABLE ON: PICK - all, McDonnell Douglas, Mentor.

HARDWARE REQUIREMENTS: 256Kb RAM, 50Mb disc storage.

PRICE: From £8,000.

DESCRIPTION: Pathology department support system. It consists of a specialist module together with the core 'patient handling module'. The system is patient-based as recommended in the Korner report, with all specimen or examination details being linked to the patients record. These support systems are primarily designed as tools to promote improved efficiency within the department and are integrated into all departmental functions: clerical, administrative, clinical and management.

PATIENT ADMINISTRATION (COMPAS)

AGENT: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

PATIENT FUNDS SYSTEM

AGENT: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

PHARMACY STOCK CONTROL

AGENT: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

RADIOLOGY BOOKING AND ADMINISTRATION

ORIGINATOR: AWA Computer Services Pty Ltd

AVAILABLE ON: McDonnell Douglas, Sabre.

DESCRIPTION: Covers on-line reservations and booking, reception and billings for small to large medical practices.

RHEUMATOLOGY PATIENT ASSESSMENT SYSTEM

ORIGINATOR: DLB Systems Ltd.

AVAILABLE ON: Apricot, IBM PC/XT and compatibles.

HARDWARE REQUIREMENTS: 512Kb RAM.

PRICE: £4,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

DESCRIPTION: A package which allows for the monitoring of rheumatology patients and the management of a rheumatology clinic. Features include: rapid global assessment of the patient's state, progress and response to drug therapy; patient database; drugs database; pathology data entry; metrology data entry in similar format to RS Assessment form; summary of patient metrology data; data sorting and marshalling; free text entry linked to standard word processing packages.

TIDI

ORIGINATOR: Diagnostic Systems Ltd.

AVAILABLE ON: PICK - all, McDonnell Douglas, Mentor.

HARDWARE REQUIREMENTS: 256Kb RAM, 50Mb disc storage.

PRICE: From £8,000.

DESCRIPTION: Diagnostic imaging department support system. See OCTOPATH above for further details.

RADIOLOGY SYSTEM

ORIGINATOR: Diagnostic Systems Ltd.

AVAILABLE ON: PICK - all, McDonnell Douglas, Mentor.

TABLET - THE RESEARCH AND MANAGEMENT SYSTEM FOR GENERAL PRACTICE

ORIGINATOR: DLB Systems Ltd.

AVAILABLE ON: Apricot, IBM PC/XT and compatibles.

HARDWARE REQUIREMENTS: 512Kb RAM, 10Mb hard disc.

PRICE: £1,750.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

DESCRIPTION: A package which offers computerisation of practice administration and more efficient analysis of patient data for use in preventive medicine. It can also be linked to the clinical trials software. Features include: coded lists for all key data entries (e.g. drugs, doctors, problems); patient information; screening information; problems list with selection facility for research and audit; repeat prescription details and form generation; address book.

WIMS

ORIGINATOR: Sanderson Computers Ltd.

AVAILABLE ON: C.Itoh.

DESCRIPTION: Works Information Management System. Can also be used in local government.

8.18. Hotels

COMPLETE HOTEL

DISTRIBUTORS: English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

PRICE: £2,995.

DESCRIPTION: Features include: reservations, searches, check-in, billing, check-out, stock, fully integrated accounts, complete management and front desk reports, integrated bar cash registers.

8.19. Insurance and Underwriting

BROKER DOCUMENTATION AND RISK MANAGEMENT SYSTEM (BDRM)

ORIGINATOR: PM Associates Ltd.

AVAILABLE ON: Prime.

HARDWARE REQUIREMENTS: Prime 2250 upwards.

PRICE: From £25,000.

DESCRIPTION: For the Lloyd's insurance broker. Divided into two main sections. Word processing covers the production of such functions as slips, cover notes, policies/wordings, endorsements, schedules and general correspondence. Data processing covers the processing of such risks as direct, facultative, proportional and non-proportional treaty, binding authorities including facilities for aviation, marine and non-marine.

INSURANCE AND UNDERWRITING

DISTRIBUTOR: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Master policy details, renewal diary, risk information, claims handling, insurance accounting, cash reconciliation, insurance statistics, reinsurance, Department of Trade returns.

INSURANCE COMPANIES SYSTEM

ORIGINATOR: City Computer Services Ltd.

AVAILABLE ON: IBM Series/1, Mentor, Ultimate.

HARDWARE REQUIREMENTS: 80Mb disc, 128K RAM.

PRICE: £30,000.

DESCRIPTION: The system is designed to computerise from the slip stage to general ledger, covering outwards reinsurance, DOT, PSAC tape input, ILU tape input, with on-line accounting, including statistics, management reports, etc.

INSURANCE INTERMEDIARIES SYSTEMS

ORIGINATOR: Kalamazoo plc.

AVAILABLE ON: Crystal, IBM PC/XT, Sperry PC.

HARDWARE REQUIREMENTS: 25Kb RAM, 10Mb disc.

DESCRIPTION: The suite is modular and offers any combination of the following: Client and policy database; Motor and general accounting (client/company ledgers, I/B bank account and other I/B assets and liabilities); Office accounting (intermediary's general ledger); Links to motor quotation systems with requote facilities; Life and pensions accounting (commission/brokerage calculation) and receipt/payment records; Investment portfolio management; Life and pensions marketing. Accounting modules comply with the rules of the IBRC.

INSURANCE SYSTEM

ORIGINATOR: AWA Computer Services Pty Ltd

AVAILABLE ON: McDonnell Douglas, Sabre.

DESCRIPTION: Provides facilities for operating various insurance services for Credit Union members. The insurance service may be operated as a stand-alone autonomous company or integrated with the main Credit Union system. Most types of insurance services are catered for, including general insurance, accident, fire, term insurance and motor vehicle insurance. Features include: claims processing and history, automatic generation of renewal notices and letter, commission processing, global recasting of insurance rates, individual policy holder history details, 'what-if' projections of rate variations, budget forecasting and reporting.

LLOYD'S BROKING SYSTEM

ORIGINATOR: City Computer Services Ltd.

AVAILABLE ON: IBM Series/1, Mentor, Ultimate.

HARDWARE REQUIREMENTS: 30Mb disc, 128K RAM.

PRICE: £10,000.

DESCRIPTION: Designed to cater for the Lloyd's or Lloyd's-type brokers operating in the slip market and fully meets the requirements of the LPSO, PSAC and ILU. The main features are: document production, accounting, management reports, search facility, general/private ledger, table files.

MOTOR UNDERWRITING SYSTEM

DISTRIBUTOR: City Computer Services Ltd.

AVAILABLE ON: IBM Series/1, Mentor, Ultimate.

HARDWARE REQUIREMENTS: 66Mb disc, 64K RAM.

PRICE: £20,000.

DESCRIPTION: Designed for both motor underwriting syndicates and companies, it can handle all administration from the receipt of the proposal form from the broker through to receipt/issue of cheques. The main features include: new business, certificates, renewals, print policy schedule, files, statistics, broker ledgers (open item or balances b/forward), cash system, claims.

8.20. Legal Profession

CONVEYANCING

ORIGINATOR: Timeslice Ltd.

DEEDS/WILLS

ORIGINATOR: Timeslice Ltd.

LAWMAN

ORIGINATOR: Timeslice Ltd.

DISTRIBUTOR: Aston Technology Ltd.

AGENT: Universal Computers Ltd.

AVAILABLE ON: Altos, Crystal, Ultimate.

DESCRIPTION: Time recording analysis, client matter profitability, work-in-progress analysis, bills and payments control, client/office/disbursement ledger, nominal ledger balancing, profit and loss, partners' summary.

MAGISTRATES COURT SYSTEM

AGENT: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

SOLICITORS

AGENT: Computer Factors (Sales) Ltd.

SOLICITORS SYSTEM

ORIGINATOR: ISIS Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

8.21. Library and Information Retrieval Systems

BOOKSHELF

ORIGINATOR: Logical Choice.

AVAILABLE ON: PICK - all.

PRICE: From £10,000.

DEVELOPMENT SYSTEM/LANGUAGE: Creator.

DESCRIPTION: A fully integrated multi-user library management system, comprising a series of four modules: Cataloguing and enquiry (on-line catalogue entry and amendment with variable-length records, on-line search facilities and catalogue output); Circulation control (with a wide range of reader and item categories); Acquisitions (ordering, receipt and labelling of items, with multi-currency budget accounting); Series control (cataloguing, ordering, registration and circulation of journals, along with a complete account of holdings and binding information).

CORPORATE RETRIEVER

ORIGINATOR: QCOM Pty Ltd.

DESCRIPTION: Full-text information retrieval system.

DYNIX AUTOMATED LIBRARY SYSTEM

ORIGINATOR: Dynix Inc [USA].

DISTRIBUTOR: Universal Computers Ltd.

AGENT: Biblio Tech Ltd.

AVAILABLE ON: McDonnell Douglas, PICK - all, Prime, Ultimate.

HARDWARE REQUIREMENTS: System with 20Mb storage, 128K memory, 3 terminal ports. Can grow to 2400Mb storage, 8Mb memory, 132 terminal ports.

DESCRIPTION: Currently has modules for Cataloguing with powerful search features (e.g. title/author, keyword in title, LC card number, subject), on-line authority verification, variable length fields, locally defined fields; Circulation - covering issue, discharge, title holds, statistics, notices, renewals, blocks; Public access - designed to make searching simple for all library users

and restricted to inquiry mode only for catalogue, holdings and status information; Acquisitions and periodicals control.

CONTEXT RECORDS MANAGEMENT SYSTEM

ORIGINATOR: AWA Computer Services Pty Ltd

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

DESCRIPTION: Provides an organisation with the means of controlling the information recorded in files and records, using facilities such as record creation and maintenance, enquiry and file tracking. Features include: multiple copies of records (each being uniquely identified by a record number and barcode); Access via record number, file number, title, subject, name or keywords; File tracking facility which monitors the movement of files, by recording details of issues, returns and reservations.

SABINI

ORIGINATOR: Organizacion de Consultores.

AGENT: Trifid Software.

AVAILABLE ON: PICK - all, IBM PC/XT, Clan.

DESCRIPTION: Integrated local library system using a MARC bibliographic file. The system performs the following functions: Acquisition management; Users management; Cataloguing (MARC format and ISBD facilities); Classification (descriptors, subject headings, UDC, DDC); Thesaurus and authority files management (mono and polyhierarchical thesaurus, multilingual thesaurus); Information retrieval and on-line catalogue (Boolean search and thesaurus tree paths, SDI); Editing (printing catalogues, catalogue cards, microform catalogues, tape catalogues); Circulation.

TECHNICAL INDEX SYSTEM

ORIGINATOR: Courtaulds Computing and Communications.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Allows retrieval of documents based upon multiple key or index words - based upon an on-line glossary or index of terms.

URICA

ORIGINATOR: AWA Computer Services Pty Ltd.

DISTRIBUTOR (UK): McDonnell Douglas Information Systems Ltd.

AGENT (AUSTRALIA): AWA Computers.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Consists of 5 modules (which may be integrated) - Information retrieval and cataloguing, acquisitions and administration, serials control, circulation control and public access catalogues. Data is held in PICK format with MARC translation routines.

8.22. Local Government

BLIS - BROOKS ROSS LAND INFORMATION SYSTEM

ORIGINATOR: Brooks Ross & Associates Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

DESCRIPTION: An Australian integrated local authority system which is based upon the concept of the parcel of land as the fundamental data item. BLIS is available in three formats: BLIS I (basic property database plus modules for council rates and and electoral roll); BLIS II which adds modules for licenses, health and building and certificates; BLIS III includes further modules for town planning, engineering and central records.

EMPLOYEE BONUS

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Incorporates local agreements, provides for backdated awards, automatically produces information for inclusion in payroll, links to DLO, if required.

D.L.O. (DIRECT LABOUR ORGANISATION)

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Provides a methods for DLO and client departments to raise jobs, plan and control progress and accurately cost, charge and account for all aspects of the work. Covers housing and highways. Allows for a choice of estimating methods - schedule of rates, dayworks, bulk estimates, target hours, fixed price, bills of quantity. Has optional work programming methods - ad hoc, cyclic maintenance, pre-planned maintenance, resource reservation. Includes charging, costing, and accounting and client contractors modules.

ENVIRONMENTAL HEALTH PROPERTY MANAGEMENT SYSTEM

ORIGINATOR: Fletcher Computer Services Ltd.

AVAILABLE ON: PICK - all.

PRICE: £11,500.

DESCRIPTION: Environmental health property-based system adaptable to all local authority requirements. It provides a database for the recording, analysis and reporting of the essential data required for the effective management of an Environmental Health department. The range of activities includes: housing (including improvement grants), commercial premises, pollution control, pest control, nuisances and offensive trades, Shops Act, communicable diseases, places of public entertainment, hotels and boarding houses, tented holiday camping sites, swimming pools and bathing places, rivercraft and marinas, port health, animal welfare.

ENVIRONMENTAL HEALTH SYSTEM

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Intended to improve the productivity of Environmental Health Officers and to improve and centralise information and information support to the field. The system covers inspection of premises, complaints, health and safety at work, licensing and registration of premises and street traders, issue of notices and orders with appropriate follow-up and legal action, identification of housing action areas, statistical returns and management reports, processing of drainage plans, improvement grants and land charges.

ENVIRONMENTAL HEALTH SYSTEM

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas M4040 packaged system.

PRICE: M4040: £32,000 (entry level system).

HOUSING BENEFITS SYSTEM (LASBEN)

ORIGINATOR: Local Authority Software Ltd.

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas M4010 packaged system, McDonnell Douglas M6000 series, McDonnell Douglas M9000 series.

PRICE: M4010: £33,000 (entry level system); other systems: 60p. per case (minimum £5,000, maximum £25,000).

DESCRIPTION: Designed to enable local authorities to execute their responsibilities under the Social Security and Housing Benefit Act 1982. It assesses claimant's benefit entitlement under the Act as it applies to Council tenants, private tenants and owner-occupiers. It has back-dating facilities, bulk automatic recalculation for legislative or statutory changes, includes letter processing facilities, full on-line benefit enquiries, complete statistical analysis and DHSS claim details.

LOCAL AUTHORITY SYSTEMS

ORIGINATOR: ISIS Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

LOCAL GOVERNMENT PAYROLL

ORIGINATOR: Timeslice Ltd.

DESCRIPTION: Modified version of PAYMAN system (q.v.)

SOCIAL SERVICES CLIENT INDEX SYSTEM

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas M4030 packaged system.

PRICE: M4030: £34,500 (entry level system).

SOCIAL SERVICES SYSTEM

ORIGINATOR: Northgate Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: The system maintains a full data base of client information, including relevant personal details, plus all the client services provided, with full cross-referencing between them. There are 6 modules: Client index and personal details database maintenance; Client referral analysis and case allocation; Client service data (generating review and case conference information, essential documentation and forms, resource records, handicap registers, allocation of occupational therapy aids and housing adaptations) and Work load control (generating case load management, comparative information, a diary facility); Home help sub-system; Meals on wheels sub-system.

STORES CONTROL

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: With stock control, job scheduling and materials planning in mind, this system includes multi-depot capabilities, incorporates and stores accounting interface, links to DLO, if required.

STREET LIGHTING MAINTENANCE SYSTEM

ORIGINATOR: Fletcher Computer Services Ltd.

AVAILABLE ON: PICK - all, Prime.

PRICE: £3,000.

DESCRIPTION: Allows for the following activities: Lighting schedule (including street information), estimating sub-system (including materials and labour with standard and variable costs), regular maintenance (including job card issue and printing, complaint details, repairs completion, cleaning details, painting details and Electricity Board orders) and standard reports. The system can also be adapted for bridge or lift maintenance requirements.

VEHICLE AND PLANT MAINTENANCE SYSTEM

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas M4020 packaged system.

PRICE: M4020: £30,500 (entry level system).

8.23. Mail Order**MAILBRAIN MAIL ORDER**

ORIGINATOR: Computer Factors (Sales) Ltd.

AVAILABLE ON: Mentor, PICK - all.

DESCRIPTION: Enables a mail order company or fulfilment organisation to process high volume data, and to maximise the control of both cash and stock. It consists of a number of interlinked modules covering order processing, pre-dispatch action, returns/refunds, financial control, order statistics, promotion statistics, sales statistics, stock control, customer services. Interfaces with Mailbrain List Management.

8.24. Maintenance**PEM - PLANT EQUIPMENT MAINTENANCE**

ORIGINATOR: General Physics Corporation [USA].

DISTRIBUTOR: Database Information Systems & Services Ltd.

AVAILABLE ON: IBM PC/XT, PICK - all.

DESCRIPTION: Supports the activities of a maintenance department, and suitable for manufacturing planes, process plants, hospitals, military units, power generating plants, utilities. PEM consists of four modules: Maintenance - provides for the planning and administration of the actual corrective/preventive maintenance activity; Material - maintains spare parts lists and provides inventory management; Purchasing - supports order initiation and approval, order printing, tracking, etc; Equipment data - provides for storage and retrieval of equipment data and history.

PLANNED MAINTENANCE SYSTEM

ORIGINATOR: System 800 Computers Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Caters for both planned maintenance and breakdowns and stores historical information on each item of plant. Some features are: automatically produces works orders for planned maintenance by trade on the relevant day or week; incorporates breakdowns for additional works orders; stores schedule of outstanding orders; breakdown analysis; analysis of labour and costs; may be linked to stock package to check parts availability for maintenance and breakdowns.

8.25. Membership Records**CLUB SUBSCRIPTIONS SYSTEM**

ORIGINATOR: Beauchamp Computer Systems Ltd.

AVAILABLE ON: Crystal, IBM PC/XT and compatibles.

MARSHAL

ORIGINATOR: System Options Ltd.

AVAILABLE ON: IBM PC, Prime.

DESCRIPTION: Membership system designed for the use of charities, professional institutions, schools and universities, magazine publishers, political parties, trade unions and clubs. It is fully interactive and allows the online addition of new members, modifications and financial updates to existing members, 'ad-hoc' enquiries and reports.

MEMBER ASSOCIATIONS SYSTEM (RA/MEO)

ORIGINATOR: AMI Datashop.

AVAILABLE ON: IBM PC/XT and compatibles, Sabre.

HARDWARE REQUIREMENTS: 320Kb RAM.

PRICE: SwKr15,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

MEMBERSHIP ACCOUNTING

ORIGINATOR: Applied Computer Expertise Ltd.

MEMBERSHIP RECORDS PACKAGE

ORIGINATOR: Fantour Computer Services Ltd.

AVAILABLE ON: IBM PC, Datamedia 932, PICK - all.

DESCRIPTION: Maintains full membership and accounting details including direct debits.

MEMBERSHIP SYSTEM

ORIGINATOR: Timeslice Ltd.

MEMPAC

ORIGINATOR: AWA Computer Services Pty Ltd

AVAILABLE ON: McDonnell Douglas, Sabre.

DESCRIPTION: Provides comprehensive facilities for the analysis and control of membership details, financial and statistical information. Features include flexible file maintenance facilities, facilities for the calculation and production of subscription and reminder notices; facilities for the entry of receipts for mail and counter payments; many standard financial and statistical reports. Suitable for trade unions, sporting bodies, clubs and associations.

8.26. Mining Industries**MINING MANAGEMENT SYSTEM**

ORIGINATOR: AWA Computer Services Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: An integrated system which revolves around a comprehensive database which stores all relevant information including inventory items, purchase orders, stores, vendors, stock balances, payroll and machine maintenance data. The system consist of major modules covering inventory, creditors, asset register, maintenance scheduling, payroll and personnel. Applications are integrated into financial systems for analysis and budget control.

8.27. Miscellaneous

E.E.C. AVERAGE CONTENTS

AGENT: Computer Factors (Sales) Ltd.

8.28. Motor Trade

MOTOR DEALERS SYSTEM

ORIGINATOR: Motor Dealers Management Systems Ltd.

AVAILABLE ON: Mentor.

HARDWARE REQUIREMENTS: About 24Mb disc storage.
PRICE: From £5,995.

DESCRIPTION: Functions include: Parts - stock control, invoicing, re-order, transaction log, customer history details; Service - workshop loading and diary, time control, estimating, invoicing; Showroom - vehicle ledger, quotations, fleet sales, orders, invoicing; Prospecting - customer history, follow-up for sales, parts and service departments; Accounting - sales, purchase, nominal and payroll; Word processing; Office automation; Spreadsheet.

MOTOR FACTORS RETAIL INVOICING

ORIGINATOR: Applied Computer Expertise Ltd.

MOTOR TRADE

AGENT: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

MOTOR TRADE STOCK CONTROL

ORIGINATOR: Ivory Computer Systems Ltd.

AVAILABLE ON: Crystal.

TRIMOD

ORIGINATOR: Tripont Associated Systems Consultants Ltd.

DISTRIBUTORS: Aston Technology Ltd, CB Business Systems Ltd.

AGENTS: Aspect Computer Systems Ltd, Beauchamp Computer Systems Ltd, Centre Tec, Digitus Ltd, Essex Micro Computers Ltd, ORAC Information Systems Ltd.
AVAILABLE ON: Crystal, IBM Series/1, PICK - all, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: The Tripont Motor dealers system is a fully integrated system giving the facility to control vehicle sales accounting, vehicle spares, hire purchase and a mailing facility.

8.29. Oil and Gas Industries

OIL DISTRIBUTION SYSTEM

ORIGINATOR: AWA Computer Services Pty Ltd.

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: A fully on-line system for oil delivery and distribution which integrates ordering, invoicing, customers, and products/stock. Major functions include: customer order entry, delivery scheduling, account invoicing, debtor accounting, stock control and payroll (optional). These functions may be integrated into financial accounting systems for analysis and budgetary control. The system is suitable for packaged products delivered in a range of different sizes, or for bulk deliveries measured by weight or volume.

8.30. Paper and Timber Industries

PAPER AGENTS SYSTEM

ORIGINATOR: Timeslice Ltd.

DESCRIPTION: Import/export system.

PAPER MERCHANTS SYSTEM

ORIGINATOR: Timeslice Ltd.

TIMBER AGENTS CONTRACT HANDLING

ORIGINATOR: Applied Computer Expertise Ltd.

8.31. Pensions

PENSIONS

ORIGINATOR: Datastart (Computer Services) Ltd.

8.32. Police

MICAH

ORIGINATOR: ISIS Computer Services Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Major Incident Computer Application - Holmes. System for searching through thousands of statements during a major incident enquiry in order to retrieve specific facts. The modules cover Indexing and action management; Data capture and Free-text retrieval.

POLICE PERSONNEL SYSTEM

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas M4050 packaged system.

PRICE: M4050: £33,000 (entry level system).

POLICE UNIFORM STORE SYSTEM

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas M4070 packaged system.

PRICE: M4070: £33,000 (entry level system).

POLICE VEHICLE FLEET MANAGEMENT SYSTEM

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas M4060 packaged system.

PRICE: M4060: £33,000 (entry level system).

8.33. Printing and Publishing

ICS INDEX

ORIGINATOR: Intelligent Computer Services (Sales) Ltd.

AVAILABLE ON: PICK - all, IBM PC/XT.

HARDWARE REQUIREMENTS: 10Mb disc storage

PRICE: £2,500.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

DESCRIPTION: Maintains indexing system for magazines or journals. Produces indexes by author or keyword ready for typesetting. Entry is from contents page and information can be recalled by title, issue or volume.

NEWSPAPER DIARY SYSTEM

ORIGINATOR: System 800 Computers Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: Designed to simplify and streamline the publishing process. The main features are: maintenance of price list and classification details, entry of diary entries from order/invoice, diary copy confirmation, client history enquiries, expected appearance list, auto invoice posting, source (i.e. representative) analysis print.

PRINTPAC

ORIGINATOR: AWA Computer Services Pty Ltd

AGENT: AWA Computers.

AVAILABLE ON: McDonnell Douglas, Sabre.

DESCRIPTION: Printer's Production Management System. Comprises four integrated modules: Estimating - rapid establishment of accurately costed job specifications and quotation facilities; Production control - automatically issues detailed material requisitions and word order documentation and tracks job through the production process with actual resource utilisation details gathered from material issues and time sheets; Performance reporting - uses information gathered by

the Production control module to produce reports on work centre performance analysis, labour analysis, employee labour analysis, work in progress, completed jobs; Inventory control - tracks stock movements, stores supplier details, includes standard, moving average and last purchase costs. May be integrated with NEWSPAC.

PRODUCTION PROGRESS

ORIGINATOR: Intelligent Computer Services (Sales) Ltd.
AVAILABLE ON: PICK - all, IBM PC/XT.

HARDWARE REQUIREMENTS: 10Mb disc storage

PRICE: £7,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

DESCRIPTION: Publishers progress system which stores information on current production situation of all books in production as well as all specification data. It includes an archiving system and audit trail, estimating and gross margin calculations and cash forecasting facility.

PUBLISHING PROGRESS

ORIGINATOR: Timeslice Ltd.

8.34. Professional Services

AGENCY SOFTWARE

ORIGINATOR: Logman Computer Services Ltd.

AVAILABLE ON: Zebra.

DESCRIPTION: The system collects the input of hours from timesheets and provides direct input to Logman payroll and sales ledger systems. The system includes: contract file recording, recording of hours per contract, production of payroll automatically, production of sales invoices automatically, contract status reporting, contract costing.

JOB COST

ORIGINATOR: PM Associates Ltd.

AVAILABLE ON: Prime.

HARDWARE REQUIREMENTS: Prime 2250 upwards.

PRICE: £7,000 to £12,000.

DESCRIPTION: The system is designed to provide the management of the company with detailed information on job costs, fees earned and billed and required manpower resources. Data can be collected via this system or input via the fully integrated sales and purchase ledgers.

ON-LINE 2000 PUBLIC ACCOUNTANTS - CLIENT ACCOUNTING

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Consist of four components: General ledger, Bank transactions (processing from either bank statements or source documents, plus complete bank reconciliation facilities), Fixed assets (automatic calculation of the year's depreciation and apportions private use) and Livestock trading (costs stock at average value and produces the reports and calculations needed for pastoral accounting). Features include: multi-user, all client processes reference the Master Chart of Accounts and Master Report Specifications, specific client accounts can be established, range of reconciliations.

ON-LINE 2000 PUBLIC ACCOUNTANTS - TAX ADMINISTRATION

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty

Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Generation 2000 (Computer Services Ltd).

AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Consist of two components: Lodgement system, which gives full control over categories and classes in accordance with the requirements of the Australian Taxation department; Return preparation, which ensures that the printing of tax return covers is fast and efficient.

ON-LINE 2000 TIME AND COST MANAGEMENT

ORIGINATOR: On-line Data Processing Pty Ltd.

AGENTS (AUSTRALIA): Access Computing Pty Ltd, Ambit Computer Consultants, Clegg Driscoll Consultants Pty Ltd, Datastream Computer Systems, KRS Data Systems Pty Ltd, Prologic Pty Ltd, Qcom Pty Ltd.

AGENT (HONG KONG): Génération 2000 (Computer Services Ltd).

AGENTS (NEW ZEALAND): Genasys Ltd, Online Business Management Ltd.

AGENT (S.E. ASIA): Complete Computer Systems SDN BHD.

AVAILABLE ON: Clan, Mentor, McDonnell Douglas, Prime, Pyramid, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: Comprehensive system for the efficient and economic management of an accountancy, legal or other professional practice. The system covers Client billing, Work-in-progress, and Employee productivity.

8.35. Property Management

HOUSING ALLOCATIONS

DISTRIBUTOR: McDonnell Douglas Information Systems Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: Assists the user to assess housing needs, process allocations and administer waiting lists. Some features are: automatic points calculation, extensive matching facilities based upon absolute requirements and then individual preferences, provides for garage allocations, can be linked to Direct Labour Organisation property database.

NEEDALL (NEEDS AND ALLOCATIONS) SYSTEM

ORIGINATOR: PM Associates Ltd.

AGENT: Logman Computer Services Ltd.

AVAILABLE ON: Prime, Zebra, PICK - all.

HARDWARE REQUIREMENTS: 20Mb disc.

PRICE: £4,000 to £8,000 (depending upon size of local authority).

DESCRIPTION: Holds data base information for Council house applicants/transfers and nominations plus the details of voids as they become available. All applicants and transfers are allocated points automatically by the system with facilities to input any special points. Enables the matching of 'voids' with applicants/transfers and produces the necessary offer documentation and a diary file maintained to monitor progress. On letting the property, the applicant/transfer is transferred to the tenants data base and the 'void' to the property data base.

PIMS (PROPERTY INFORMATION MANAGEMENT SYSTEM)

ORIGINATOR: Herring Son & Daw.

DISTRIBUTOR: DecisionWare Ltd.

AVAILABLE ON: PICK - all, Prime.

DESCRIPTION: PIMS caters for several sections of the commercial property and estate agents market: office, industrial, shops agency; fire insurance; applicants

requirements; rent review/lease renewal diary; investments; valuation; rating; names & addresses; mailing lists; property management.

PROPERTY MANAGEMENT

ORIGINATOR: Mentor Management Applications Ltd.
AVAILABLE ON: PICK - all, Zebra.
HARDWARE REQUIREMENTS: Depends upon modules chosen.
PRICE: From £7,500 to £50,000 depending upon modules chosen.
DESCRIPTION: The Property Investment and Management package caters for the management and administration of group properties. The total system comprises a library of selectable sub-systems. Features include: property listing, tenancy listing, legal information, rental information, financial accounting, accounts receivables, management accounting, administration & services.

PROPERTY MANAGEMENT

AGENT: Universal Computers Ltd.
AVAILABLE ON: Altos, Ultimate.
DESCRIPTION: Property details, rents payable, rents receivable, rating payable, rating details, property account ledger, property budgets.

RAM (REPAIRS AND MAINTENANCE SYSTEM)

ORIGINATOR: PM Associates Ltd.
AGENT: Logman Computer Services Ltd.
AVAILABLE ON: Prime, Zebra, PICK - all.
HARDWARE REQUIREMENTS: 20Mb disc.
PRICE: £9,000 to £18,000 (depending upon size of local authority).
DESCRIPTION: Maintains details of all work done on any property for a Borough Council, Housing Association or any other major landlord. The system handles the production of works orders, surveyor request details, tenant acknowledgement letters, and reminders to contractors with details of work overdue. Provision has also been made for on-line enquiries, a schedule of rates and for a more general property database. The RAM system will also integrate with the NEEDALL (Needs and Allocations) System.

8.36. Radio/Television

RADIO SCHEDULING

ORIGINATOR: AWA Computer Services Pty Ltd
AVAILABLE ON: McDonnell Douglas, Sabre.
DESCRIPTION: A fully integrated advertisement booking, scheduling and billing system.

STARS (SALES, TRAFFIC AND ACCOUNTING IN RADIO STATIONS)

ORIGINATOR: Electronic Data Processing plc.
AVAILABLE ON: Mentor.
DESCRIPTION: Covers control of radio advertising, including order receipt, determination of when advertisements are to be played, accounting, presenters log; royalty fee calculation; word processing.

8.37. Recruitment Agencies

RECRUITMENT AGENCIES SYSTEM

ORIGINATOR: Ivory Computer Systems Ltd.
AVAILABLE ON: PICK - all.
DESCRIPTION: Matches jobs to vacancies.

8.38. Retailing

ACORD

ORIGINATOR: Datec Ltd.
DESCRIPTION: Carpet industry ordering system.

CARPETS

ORIGINATOR: Datec Ltd.
DESCRIPTION: Viewdata system which assists carpet retailers in maximising their sales. Stock availability enquiries are available and the process of in-store estimating and ordering is simplified.

COMPLETE FISH MERCHANT

DISTRIBUTORS: English Language Software Company / Business Computers International.
AVAILABLE ON: Pinnacle.
PRICE: £1,495.
DESCRIPTION: Specialist version of stock control and sales order systems for fish merchants.

COMPLETE FRUIT & VEG MERCHANT

DISTRIBUTORS: English Language Software Company / Business Computers International.
AVAILABLE ON: Pinnacle.
PRICE: £1,495.
DESCRIPTION: Specialist version of stock control and sales order systems for fruit and vegetable merchants.

FLASH SALES

ORIGINATOR: Datec Ltd.
DESCRIPTION: Viewdata system which collects and displays sales information, allowing a rapid assessment of performance. Displays present company-wide sales results, including weekly and cumulative last-year comparisons. Results can be displayed in various formats and units which perform badly against each other (or a company average) can be readily identified.

IDO

ORIGINATOR: Datec Ltd.
DESCRIPTION: Interactive merchandise allocation and ordering system which performs two basic functions: the allocation of stock to each outlet using data from sales and stock recording systems; creation of supplier orders and accompanying documentation.

RESSIS

ORIGINATOR: Datec Ltd.
DESCRIPTION: Designed for use chiefly by buyers and merchandisers. Features include: flash sales and gross profits are reported for the week, accounting period and year-to-date at various levels (company, outlet grouping or geographic area, and outlet), sales and stock can be reviewed at product level through to company level, stock replenishment is handled from order to allocation, stock valuation, stock-taking routines, mark-downs can be handled, price lists can be produced.

RETAIL CARPET SYSTEM

ORIGINATOR: Software Group [USA].
DISTRIBUTOR: IMG Systems Pty Ltd.
AVAILABLE ON: Mentor, McDonnell Douglas, Prime, Ultimate.
HARDWARE REQUIREMENTS: 256Kb RAM, 20Mb disc storage.
PRICE: A\$8,700 to A\$12,500 (depending upon system size).
DESCRIPTION: Designed to provide total inventory and sales control for single or multiple retail carpet outlets. It allows for commission calculations and manufacturer reports for co-operative advertising and is fully integrated to an automatic general ledger. Features include: inventory, purchase orders, sales orders and accounts receivable; may be integrated with accounts payable and financial management; complete tracking of both sales and purchase orders; detailed analyses of sales by stores, salespersons, manufacturers, etc.

SELLING SPACE MANAGEMENT

ORIGINATOR: Datec Ltd.
DESCRIPTION: Viewdata system which displays the sales results (collected from a system such as Flash Sales) on the basis of sales achieved per square foot of selling space. The spatial data can be analysed in a variety of ways so that the performance of departments can be assessed in relation to their position in different stores.

STARPAC

ORIGINATOR: AWA Computer Services Pty Ltd
AGENT: AWA Computers
AVAILABLE ON: McDonnell Douglas, Sabre.

DESCRIPTION: Integrated system for the retail industry covering: Purchase ordering and inventory control; Sales office procedures; Trade-ins, rental and consumer credit administration; Debtors and sales analysis; Financial accounting, including accounts payable and general ledger.

8.39. Telecommunications

BRITISH TELECOM DIRECT SALES SYSTEM

DISTRIBUTORS: Universal Computers Ltd, Datec Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Designed to handle billing and accounting arrangements for the outright sales of telecommunications apparatus. Order entry, details of bills and payments, follow ups and enquiries are entered via a VDU.

TELEPHONE DIRECTORY MANAGEMENT SYSTEM

OWNER: Ivory Computer Systems Ltd.

AVAILABLE ON: McDonnell Douglas. Being converted to standard PICK.

DESCRIPTION: System which handles all aspects of the production and compilation of telephone directories (including typesetting tapes), sales and accounting of advertising space, production of White and Yellow Pages.

8.40. Textile and Fashion Industries

ACCOUNTING SYSTEM

ORIGINATOR: Hield Brothers Ltd.

AVAILABLE ON: McDonnell Douglas.

HARDWARE REQUIREMENTS: 1/2Mb RAM, 125Mb disc.

PRICE: Negotiable.

DESCRIPTION: Nominal ledger, Sales ledger and Purchase ledger systems including foreign currency, open items, cash, journal, invoices, transfers plus cost centre and financial accounts.

COMPLETE TEXTILE SYSTEM

DISTRIBUTORS: English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

PRICE: £1,995.

DESCRIPTION: Features include: customer details, designer, outworker, supplier's details, fabric catalogue, trimming, costings, issue orders to outworkers, receiving goods from outworkers, buyers orders, outstanding orders, order fabrics and fabric stock.

GARMENT MANUFACTURERS SYSTEM

ORIGINATOR: Electronic Data Processing plc.

AVAILABLE ON: Mentor.

ORDER ENTRY & PROGRESSING SYSTEM

ORIGINATOR: Hield Brothers Ltd.

AVAILABLE ON: McDonnell Douglas.

HARDWARE REQUIREMENTS: 1/2Mb RAM, 125Mb disc.

PRICE: Negotiable.

DESCRIPTION: For textile manufacture. Includes customer records, order build-up, progressing routines, product structures, material requirements explosion. Product should preferably be capable of description within 10 numeric characters.

8.41. Time Recording

TIME AND ATTENDANCE

ORIGINATOR: Triad Computer Services.

AVAILABLE ON: McDonnell Douglas.

TIME COSTING

AGENT: Timeslice Ltd.

TIME PLANNING AND FOLLOW-UP SYSTEM (RA/TID)

ORIGINATOR: AMI Datashop.

AVAILABLE ON: IBM PC/XT and compatibles, Sabre.

HARDWARE REQUIREMENTS: 320Kb RAM.

PRICE: SwKr15,000.

DEVELOPMENT SYSTEM/LANGUAGE: Revelation.

TIMEREC

ORIGINATOR: PM Associates Ltd.

AVAILABLE ON: Prime.

HARDWARE REQUIREMENTS: Prime 2250 upwards.

PRICE: £5,000 to £7,000.

DESCRIPTION: Provided for professional practices (such as accountants, solicitors, consultancies etc), where there is a need to record the time spent by individuals and the expenses occurred on specific client work. The Resources Planning module permits the user to enter the days planned in specific weeks for specific persons on specific projects.

TIMESHEETS/CONTRACTS

ORIGINATOR: Ivory Computer Systems Ltd.

AVAILABLE ON: Crystal.

8.42. Trade Unions

TRADE UNION MEMBERSHIP AND SUBSCRIPTION SYSTEM (TMS)

ORIGINATOR: Miller Technology Ltd.

AVAILABLE ON: McDonnell Douglas.

DESCRIPTION: features include: access to records via registration number, National Insurance. number or name, automatic posting of subscriptions, on-line or via direct deductions at source tape from employers, comprehensive branch and regional lists, selective mailing and labelling facilities.

8.43. Transport and Travel Services

CHARMS

ORIGINATOR: Travellog Systems Ltd.

AVAILABLE ON: Prime.

HARDWARE REQUIREMENTS: Prime 2250 with 1 Mb RAM.

DESCRIPTION: CHARMS is a system for tour operators which provides computerised reservations (both in-house and through viewdata, using Viewbase) and administration functions. The major functions provided are: Product maintenance (creation and amendment of flights, inventory control of hotel and similar accommodation); Reservations (allowing flight only or accommodation only as well as inclusive packages); Booking administration (processing of booking form information including production of confirmation accounts, car hire vouchers, surcharge invoices passenger manifests etc); Accounting (fully integrated sales, purchase and nominal ledgers); Word processing (full word processing and mailmerge facilities).

COMPLETE TRAVEL AGENT

DISTRIBUTORS: English Language Software Company / Business Computers International.

AVAILABLE ON: Pinnacle.

PRICE: £1,995.

DESCRIPTION: Features include: contract sales, contract sales queries, contract options, contract option queries, ad-hoc sales, ad-hoc sales queries, car hire, insurance, telephone book, final payments, management reports.

DIAL-A-RIDE

ORIGINATOR: Fletcher Computer Services Ltd.

AVAILABLE ON: IBM PC/XT, Mentor, Sabre.

PRICE: £3,000.

DESCRIPTION: Dial-a-Ride is a system for disabled hospital transport management and journey planning. It provides community transport units with the facilities for the registering of passengers with their details and regular destinations, booking and trip details and analysis.

FLEETPLAN

ORIGINATOR: Fletcher Computer Services Ltd.

AGENT: CB Business Systems Ltd.

AVAILABLE ON: Mentor, PICK - all, Prime, Zebra.

PRICE: £5,000 - £20,000.

DESCRIPTION: Fleetplan fleet management systems provide a broad range of computer solutions to control the costs of owning, operating and maintaining fleets of vehicles. It caters for fleets of commercial vehicles, cars or mechanical handling equipment. Fleetplan is tailored for each client, but draws upon a large library of programs. Some of the areas covered are vehicle cost and performance analysis, workshop planning and control, parts inventory management, warranty monitoring, and maintenance personnel management.

HOLIDAY TOUR OPERATION

ORIGINATOR: Timeslice Ltd.

SHIPS - SHIP INFORMATION PROCESSING SYSTEM

ORIGINATOR: Consultants (Computer and Financial) plc.

AGENT: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

DESCRIPTION: Shipbroking sale and purchase. Chartering (dry cargo and tankers). Voyage accounting.

TRANSPORT SYSTEM

AGENT: Universal Computers Ltd.

AVAILABLE ON: Altos, Ultimate.

TRAVEL AGENCY PACKAGE

ORIGINATOR: Prosys Computer Systems.

AGENT: AWA Computers.

AVAILABLE ON: Corona PC, McDonnell Douglas, Sabre.

DESCRIPTION: Incorporates the following modules: Debtors; Creditors; General ledger; Banking control; Itinerary production; Sales analysis. Can be used as a 'stand-alone' system or integrated with the Credit Union system.

TRAVEL AND LEISURE INDUSTRY SYSTEMS

ORIGINATOR: DataBase Information Systems & Services Ltd.

TRISHIP

ORIGINATOR: Tripont Associated Systems Consultants Ltd.

AVAILABLE ON: Crystal, IBM Series/1, PICK - all, Sabre, Ultimate, Wicat, Zebra.

DESCRIPTION: A ships accounting system covering the financial, operational and freight forwarding operations. The system enables disbursement accounts to be produced quickly and integrates the log book with the financial system. The statement of fact is printed automatically. Freight forwarding is simplified with facilities to control all parcels, shipments and deliveries with both inward and outward manifests. All functions integrate to a central accounting system which includes payroll.

9. TRAINING SERVICES

Introduction to this section

Most manufacturers and dealers run training sessions on PICK and details can be obtained from the companies concerned. The companies listed in this section are those which appear to have specialised in PICK training. The courses listed are those which are offered on a fairly regular basis by the companies concerned. An approximate indication of the length of the course and the *approximate* price (as at late 1985) is given.

9.1. Training Companies

ANJEC Computer Services Ltd

Offers 'customised' training courses held on the client's premises, on all aspects of PICK, from management seminars to detailed programming courses (including RPL).

Clear Systems Ltd

Training on all aspects of PICK.

Datec Ltd

Offers a wide range of training courses aimed at PICK software professionals. These cover PICK/BASIC, PROCS, PICK enquiry languages, systems analysis, design and team leading. Courses on computer appreciation, selection and security are provided for user managers and staff.

Digitus Ltd

In-house training courses arranged.

Kalamazoo plc

See entries in the course list below.

Northern Computing (NI) Ltd

Offers training services.

Northgate Computer Services Ltd

Offers training courses in ALL. See entries in the course list below.

Northgate Haven Ltd

Offers training courses in PICK topics other than ALL. See entries in the course list below.

Parker & Parker

Specialists in the provision of 'bespoke' training courses in all aspects of PICK: PICK/BASIC, PROCS, ENGLISH/RECALL/ACCESS etc. One or two students can be catered for at Taunton, but most work is on site.

Peat, Marwick, Mitchell & Company

Can provide in-house training in the use of Prime INFORMATION, both to systems designers and programmers, and provide guidance on quality assurance standards that should be applied throughout the development life cycle. Courses are tailored to the client's individual requirements.

Universal Computers Ltd

See entries in the course list below.

WALCAM Ltd

Provides in-house customer staff training, course design and presentation to customers' specifications in all PICK areas.

9.2. Training courses

4TH GENERATION LANGUAGES - MANAGEMENT AWARENESS

COMPANY: Northgate Computer Services Ltd.

LENGTH: 1 day.

COST: £250.

DESCRIPTION: Intended to familiarise the participant with the project estimation and measurement tools which are available in the fourth generation language environment.

4TH GENERATION LANGUAGES - USER AWARENESS

COMPANY: Northgate Computer Services Ltd.

LENGTH: 1 day.

COST: £250.

DESCRIPTION: Designed to be an introduction to the user aspects of a fourth generation language.

ACCESS RETRIEVAL LANGUAGE

COMPANY: Northgate Haven Ltd.

LENGTH: 2 days

COST: £250.

DESCRIPTION: Enables participants to produce a wide variety of ad-hoc reports from the PICK database.

ALL PROGRAMMING NURSERY

COMPANY: Northgate Computer Services Ltd.

LENGTH: 4 days.

COST: £450.

DESCRIPTION: Intended for programmers and analysts who have attended the 'Introduction to ALL' course and who wish to put the knowledge gained there to practical use. It looks at ways in which ALL is used to handle more complex problems.

ALL PROJECT METHODOLOGY

COMPANY: Northgate Computer Services Ltd.

LENGTH: 3 days.

COST: £950.

DATA/BASIC AND PROCS

COMPANY: Northgate Haven Ltd.

LENGTH: 5 days

COST: £595.

DESCRIPTION: Comprehensive course in programming in the DATA/BASIC language with particular regard to file handling in both interactive and batch modes.

INTRODUCTION TO PICK

COMPANY: Northgate Haven Ltd.

LENGTH: 2 days.

COST: £250.

DESCRIPTION: Highly intensive course to introduce PICK to experienced computer staff.

INTRODUCTION TO PICK

COMPANY: Northgate Haven Ltd.

LENGTH: 3 days.

COST: £395.

DESCRIPTION: Assumes no prior knowledge of computing. Designed as a practical introduction to the use of the PICK operating system.

INTRODUCTION TO PICK AND THE USE OF RECALL

COMPANY: Universal Computers Ltd.

LENGTH: 3 days.

COST: £255.

DESCRIPTION: Intended primarily for the programmer who may go on to the DATA/BASIC course. Assumes familiarity with programming concepts. The third day is spent on RECALL.

INTRODUCTION TO PICK SOFTWARE

COMPANY: Universal Computers Ltd.

LENGTH: 2 days.

COST: £170.

DESCRIPTION: Intended primarily for the programmer who may go on to the DATA/BASIC course. Assumes familiarity with programming concepts.

INTRODUCTION TO PRO IV/ALL

COMPANY: Northgate Computer Services Ltd.

LENGTH: 4 days.

COST: £450.

DESCRIPTION: A practical course designed to enable the participant to design and produce PRO IV/ALL systems.

INTRODUCTION TO SYSTEM BUILDER

COMPANY: Northgate Haven Ltd.

LENGTH: 2 days.

COST: £250.

DESCRIPTION: Teaches participants how to create information retrieval systems under the control of the System Builder application generator.

JET WORD PROCESSING

COMPANY: Northgate Haven Ltd.

LENGTH: 2 days.

COST: £250.

DESCRIPTION: Teaches the use of the interactive word processing facilities available with Jet on PICK systems. Assumes no prior knowledge of computing.

MCDONNELL DOUGLAS DATA/BASIC LANGUAGE

COMPANY: Northgate Computer Services Ltd.

LENGTH: 4/5 days.

COST: £400/£500.

DESCRIPTION: Designed to present the detail of the McDonnell Douglas DATA/BASIC language.

MCDONNELL DOUGLAS ENGLISH - DATA-BASE RETRIEVAL LANGUAGE

COMPANY: Northgate Haven Ltd.

LENGTH: 2 days.

COST: £295.

DESCRIPTION: Designed to present the detail of the McDonnell Douglas English data-base language.

MCDONNELL DOUGLAS/PICK FOR PRO IV/ALL USERS

COMPANY: Northgate Computer Services Ltd.

LENGTH: 1 day.

COST: £200.

DESCRIPTION: Intended to introduce the participant to the fundamentals of the PICK operating system, with particular emphasis on those features which relate to the PRO IV/ALL user.

MCDONNELL DOUGLAS PROC LANGUAGE

COMPANY: Northgate Computer Services Ltd.

LENGTH: 4/5 days.

COST: £400/£500.

DESCRIPTION: Designed to present the detail of the McDonnell Douglas PROC language.

MCDONNELL DOUGLAS USER COURSE - ADVANCED

COMPANY: Northgate Computer Services Ltd.

LENGTH: 4 days.

COST: £600.

DESCRIPTION: Intended to show how the principles of programming are applied to McDonnell Douglas equipment such as Sequoia and Reality.

MCDONNELL DOUGLAS USERS COURSE

COMPANY: Northgate Computer Services Ltd.

LENGTH: 4 days.

COST: £450.

DESCRIPTION: Intended to show how the principles of programming are applied to McDonnell Douglas equipment such as Sequoia and Reality.

PICK ADVANCED TIPS & TECHNIQUES

COMPANY: Northgate Computer Services Ltd.

LENGTH: 4/5 days.

COST: £400/£500.

DESCRIPTION: Designed to continue the material presented on the 'Introduction to PICK' course.

PICK AND SYSTEM BUILDER OVERVIEW

COMPANY: Kalamazoo plc

COST: £115.

PICK CONCEPTS

COMPANY: Northgate Computer Services Ltd.

LENGTH: 1 day.

COST: £125.

DESCRIPTION: The course is designed as an introduction to the PICK operating system.

PICK MANAGEMENT AWARENESS

COMPANY: Northgate Computer Services Ltd.

LENGTH: 1 day.

COST: £200.

DESCRIPTION: Designed to be an introduction to the management aspects of implementing a PICK system within a data processing facility.

PICK ON VARIOUS MACHINES

COMPANY: Universal Computers Ltd.

LENGTH: 1/2 day.

DESCRIPTION: Seminar, not involving the use of terminals, covering the use of PICK software on various equipment. Primarily intended for those wishing to install Ultimate equipment alongside other PICK machines.

PICK OPERATIONS

COMPANY: Northgate Haven Ltd.

LENGTH: 1 day.

COST: £185.

DESCRIPTION: Explains the procedures necessary to maintain the PICK database efficiently and securely.

PRO IV/ALL ADVANCED TIPS & TECHNIQUES

COMPANY: Northgate Computer Services Ltd.

LENGTH: 4 days.

COST: £600.

DESCRIPTION: Intended for experienced programmers and analysts who need to or wish to improve the efficiency of their systems.

REVELATION TRAINING COURSES

COMPANY: Northgate Haven Ltd

SYSTEM BUILDER EXPERT USERS

COMPANY: Kalamazoo plc

COST: £205.

SYSTEM BUILDER INTERMEDIATE USERS

COMPANY: Kalamazoo plc

COST: £215.

SYSTEM DESIGN WITH PRO IV/ALL

COMPANY: Northgate Computer Services Ltd.

LENGTH: 4 days.

COST: £600.

DESCRIPTION: Intended to show the ways in which a fourth generation language affects the system design and development phases of a project.

THE USE OF DATA/BASIC

COMPANY: Universal Computers Ltd.

LENGTH: 3 days.

COST: £255.

DESCRIPTION: Covers all aspects of DATA/BASIC. Intended for the new programmer and the programmer converting from another language.

THE USE OF RECALL FOR THE GENERAL USER

COMPANY: Universal Computers Ltd.

LENGTH: 2 days.

COST: £170.

DESCRIPTION: Intended for the general user of the system, assuming no prior knowledge of computer procedures.

10. SOFTWARE AND CONSULTANCY SERVICES

General notes to this section

Most companies who supply software and hardware will also offer programming and consultancy services. The companies listed in this section are those who either are solely service companies (i.e. who do not have specific software or hardware products for sale) or those for whom the service element is the major part of their business.

The services offered by companies who have not returned questionnaires (see the note to the Company Directory) have been drawn from statements made in letters or from their letterheads and may not represent all the services offered.

10.1. Service Companies

4GL Computing

Offers consultancy services in the form of feasibility studies; system specification, design and implementation; communications; training and support.

Abacus Computer Consultants

Adserve Computing Ltd

A computer services organisation providing hardware, software and bureau services to advertising agencies and manufacturing industry. Full turnkey system including hardware and all peripherals, software and bespoke programming and full maintenance and support services.

ALLM Books

Providers of information services to the PICK community. Publishers and booksellers, specialising in the supply of books, journals, information and manuals on PICK. Future plans include a PICK magazine and the provision of user installation details, as well as maintaining the *PICK Resources Guide* in machine-readable form.

Ampersand Systems Ltd

Will undertake design consultancy and bespoke systems. Ampersand specialises in developing software for Prime systems.

ANJEC Computer Services Ltd

Offers the following services to distributors, end users and manufacturers in the PICK marketplace: Training (see above); Project management, including control of resource, performance against estimate, technical advice and reporting to client; Design and programming services in most commercial application areas, as well as system areas such as utilities, application generators, etc; Specialist consultancy. Hardware covered: most, but especially ADDS Mentor, C.Itoh, McDonnell Douglas, Ultimate.

Application Management & Design

Computer consultancy, software projects.

Applied Computer Expertise Ltd

A PICK software house offering ledgers and bespoke services to both end users and dealers.

Arculus Systems Ltd

Offers specialist PICK service: consultancy, software, training & turnkey systems.

ASK Micro Consultants Ltd

Aspect Computing Pty Ltd

Australian Pick Systems Pty Ltd

AWA Computer Services Pty Ltd

Offers the following services: sales of standard applications modules, with customisation as required, customer training and application software support; bureau processing; consultancy services including advice of the selection of equipment, implementation and staff selection; development and design services using 4th generation languages.

AWA New Zealand Ltd

Software undertaken on a contract basis.

Beauchamp Computer Systems Ltd

Offer a full range of consultancy and programming services. Specialists in the optimisation of operating system performance.

C2 Products Ltd

Systems house.

Centre Tec

Provides solutions on various PICK implementations, together with consultancy services for the design and installation of complete systems.

City Computer Services Ltd

As well as selling specific PICK software (q.v.), CCS offers the following services to the insurance market: bespoke development, bureau services, consultancy, facilities management, project management and training.

Clear Systems Ltd

Offers consultancy services (software development techniques, hardware evaluation, system feasibility), and software services (including analysis, design, development, implementation), with expertise in a range of business applications and vertical markets.

Compaddress Ltd

Software house.

Compu ment

Computer implementation consultants. Experience includes: procedures for operational areas, control of hardware, hardware efficiency and security, training in all aspects of PICK including technical support staff, and operating system training, application software control, programming standards, documentation of application software, programming, systems analysis project management, O & M.

Computer Accounting Consultants Ltd

Revelation expertise.

Computerstyle Ltd

Software house offering design, analysis and/or programming, contract work, consultancy. Experience in McDonnell Douglas, Prime and Zebra.

Construction Software Services Partnership

As well as supplying packaged software, CSSP offers a variety of services including consultancy, turnkey solutions, contact design, programming and conversion of software between hardware using PICK.

Cortex Computer Systems Ltd

Software house offering consultancy, programming, design, project management, staffing, training and software packages.

Cotswold Computer Services Ltd

An established computer services company able to provide a complete service (to the exclusion of maintenance), from systems design through to software. It has its own team of analysts and programmers and is able to tackle any type of application.

Courtaulds Computing and Communications

Offers a range of consultancy services (from feasibility study through post-implementation) covering McDonnell Douglas/PICK. Abilities available in DATA/BASIC, PROCS, ENGLISH, ALL and systems expertise for payroll, pensions, personnel, accounting, project control, currency, company share registration, debt litigation, etc.

Crocus Marketing

DataBase Information Systems & Services Ltd

Offers consultancy, systems and services in respect of information management and retrieval. These include: systems analysis and design, developing customised software, providing total turnkey systems, implementation services and support, computer education, training. Prime INFORMATION and general PICK systems.

DataMatters Ltd

Supplies software and training services for all PICK-based computers. A full business service is offered, from initial design, through programming, to documentation and implementation. The proprietor is the author of 'PICK for users'.

Datastart (Computer Services) Ltd

A systems house providing consultancy, turnkey systems and packaged and tailored software on PICK, with experience since 1977.

Datec Ltd

Provides the following services: software development on any PICK machine, supply of turnkey systems, viewdata application systems, data communications support, capacity management services, operations support and problem diagnosis.

DecisionWare Ltd

Software consultancy and bespoke systems undertaken.

Diagnostic Systems Ltd

A software house which specialises in providing turn-key computer systems for use within the clinical and diagnostic service departments of the National Health Service - including pathology and radiology (diagnostic imaging).

Digitus Ltd

Offers: a full range of consultancy services (including software evaluation and comparisons, links between PICK and other operating systems, commercial applications of PICK, strategy studies - PICK in the IBM environment); Software services (software development in PICK and Revelation); Systems solutions based upon Zebra hardware.

DLB Systems Ltd

Offers a range of computer services to the medical profession, including specialist software products (detailed separately), running on independent or networked microcomputers, wide experience of networking and communications for data capture, consultancy and the monitoring and administration of projects.

English Language Software Company

Offers bespoke software development and the tailoring of packages to specific user requirements.

Essex Micro Computers Ltd

Offer a range of consultancy services.

Exodus Computer Systems

Exodus provides software services for all PICK-related (i.e. standard PICK, McDonnell Douglas, Prime and Revelation) systems. The most popular services are programming (in BASIC, Proc, RPG, Assembler, etc.), systems design, consultancy and training. Exodus specialises in the more technical side of PICK, including assembly language programming, operating system enhancements, communications, conversions and exotic peripherals. Other services include performance monitoring/enhancement, preparation of technical documentation, provision of on-site training courses. The principals of Exodus both have some 10 years experience in PICK systems.

Faxon Communications (UK) Ltd

Offers a consultancy service which includes advice, guidance, training and assistance concerning all aspects of computer operations.

Fraser Williams (London) Ltd

Software and consultancy suppliers, with Prime INFORMATION expertise.

Geoff Marsh Computing

Consultants. Specialists in systems implementation, contract maintenance, trouble-shooting and technical support. Experienced in SMI's application software and RPL.

Harrison Associates Ltd

Systems house.

Hooper Systems & Technology Ltd

Prime software house, bureau, turnkey and facilities management.

Howse, Fink & Johnson Computing Services Pty Ltd

Software house offering the following services: requirements determination, specification and implementation; software package development; custom written user applications; site maintenance and support; provision of bureau services. HFJ specialises in the development and implementation of software that is easy for the client to learn, understand and use.

Infobase

Infobase was established to provide a service to small and medium businesses. Based upon the PICK system for PCs, services include training, data processing, as well as the provision of complete system packages (custom tailored, as necessary, to the specific requirements of the customer).

Intelligent Computer Services (Sales) Ltd

Specialists in the PICK operating system providing an on-line PICK bureau (on Ultimate equipment) and offering bespoke PICK software. The company has a number of Revelation vertical products.

ITP Computer Software Ltd

Software consultancy - technical problem solving.

Ivory Computer Systems Ltd

Offer the following services: consultancy (from feasibility through to implementation/support); support of 3rd party software; provision of packaged and bespoke software.

Leasco Software Ltd

Specialists in turnkey systems.

Local Authority Software Ltd

Software consultancy for local authorities.

Logical Choice

One of the first systems houses able to provide an integrated response to systems, hardware and communications problems. The design team provide expertise at the applications and operating system levels, along with design work and manufacturing at the board and chip level.

M.A:M. Software Ltd

The company specialises in the design, development and implementation of custom-built PICK software.

Management Accounting Software Systems Ltd

Provides a PICK consultancy service using structured design techniques and application code generators.

Mentor Management Applications Ltd

Software house which develops bespoke software and offers consultancy and training services.

Metropolis Computing Ltd

Provides a full and professional service to PICK end users and software developers, including consultancy, systems analysis, programming, training and installation.

Mine of Information Ltd

MoI offers programming and consultancy services in RPL and DATA/BASIC. Conversion to or from any other language or system can be carried out if required. Work can be done at any level from maintenance to software design, including technical writing. Previous software written for PICK includes payroll, financial planning and software utilities.

MOS Computers Ltd

Software house.

Next Generation Software (UK) Ltd

Suppliers of consultancy services.

Northern Computing (NI) Ltd

Software house and consultancy.

Northgate Computer Services Ltd

Northgate specialises in the use of 4th Generation Language techniques to develop applications software. From basic prototypes, Northgate develop systems tailored to user requirements using prototyping and other techniques. There is also an extensive series of training courses (listed above). Northgate's main expertise is in McDonnell Douglas systems.

On-Line Data Processing Pty Ltd

Independent software house which has specialised for 10 years in developing application software for PICK systems. The company's service covers five major areas: consulting, turnkey solutions, packaged solutions, contract design and programming, computer bureau and time-sharing facility.

ORAC Information Systems Ltd

ORAC is an independent systems house providing a range of hardware, software and services. The services offered include project management, software design, consultancy, training, technical support and engineering maintenance.

Parity Computer Services Ltd

Business systems consultants who can provide services on a long or short term basis to any company or organisation developing PICK software. Experienced on commercial, manufacturing and local government projects on a range of equipment (e.g. McDonnell Douglas, Mentor). Assistance can be given in all areas of system implementation with advice on hardware selection, through systems analysis and software design, to programming, testing and user training.

Parker & Parker

Specialise in the writing of software which is generally compatible to all PICK-based equipment. They have had considerable experience of Mentor, McDonnell Douglas, Prime and Ultimate equipment - including Viewbase applications.

Patterned Systems Designers Ltd

Business systems consultants offering design/evaluation, customising, testing and implementation of real-time systems. PICK experience is based on the SMI Integrated Manufacturing and Business package and on McDonnell Douglas hardware with bar-code reader enhancements.

Peat, Marwick, Mitchell & Company

The Systems Development Group specialises in the development of computer systems as well as data processing consultancy. The group can demonstrate a successful track record in developing and implementing successful PICK systems throughout the entire project life cycle from the initial requirements definition through to successful implementation, using the standard PMM development methodology Systems Development Life Cycle. The group can also offer a project management and implementation service to clients implementing PICK systems developed by a third party. Technical advice and implementation assistance is also offered.

Pectstar Ltd

PICK programming consultant offering bespoke systems analysis, design, specification, programming and implementation services; enhancements and modifications to many of the currently available commercial packages. Experience on McDonnell Douglas and Ultimate machines. Currently developing general business applications packages.

Pick-People

Contract PICK specialists.

Pick Power Pty Ltd

PICK based services and systems.

PM Associates Ltd

PM Associates offers a range of services including design/development of Prime INFORMATION/PICK based systems; provision of turnkey solutions (i.e. hardware/software); provision and support of specialised software solutions; provision and support of generalised software systems; full data preparation/conversion services. The objective is to provide a total data processing service to the general and specific vertical markets - with support for the first time user throughout his total selection, development, installation and ongoing maintenance processes to the provision of specialist development and business analyst support to the large experienced data processing user.

P.O.S.S. Ltd

The main activity is the supply of bespoke software for General Automation Zebra equipment and Prime INFORMATION systems. P.O.S.S. was created to provide technical expertise to the following areas of the

computer market: users who require specialist programming and analysis; telecommunication software for remote computer systems; design of hardware and software systems for the retail industry.

Ramdata Systems Ltd

Offers a complete service from analysis and design through to the writing of bespoke software and installation of complete systems.

Real Time Business Systems Ltd

Business systems, computer consultants, software packages.

Retriever Technology Ltd

A systems house specialising in factory floor applications - production control, production monitoring, quality control.

Ring Computer Software Pty Ltd

A software development company specialising in the development of applications software for the financial industry. The current client base consists of merchant banks and commodities traders. Ring specialises in Prime INFORMATION systems as well as general PICK systems.

Rockend Pty Ltd

Custom software development for PICK environments.

Selima Software Ltd

Software house which offers systems investigation and design, consultancy, short or long term contract programming, bespoke programming, turnkey solutions and training.

Simdell Ltd

Independent software and systems house established in 1972. The company provides a complete turnkey software service which ranges from complex bespoke systems and a line of standard business packages (the 'Libra' series) through to their in-house developed application generator which enables users to write their own systems.

Sounds Christian Ltd

Specialists in the production of audio-visual, sound and video materials - probably the only UK company with expertise in computing and audio visual techniques. Specialising in the support of PICK users, the company has considerable experience in data communications and in the use of micros as terminals.

Steers Computing

Contract programming. Other services include the analysis, design and programming of bespoke systems, and modifications to existing software or integrated business packages.

Sunbird Management Ltd

Accounting and computer consultants, system developers. Currently developing application packages.

System 800 Computers Ltd

Offers a total solution including consultancy, design and implementation of bespoke systems, training, supplies and office equipment, maintenance and finance.

System Options Ltd

A software house providing PICK development skills on Prime INFORMATION and networked MSDOS machines using Revelation. The company can provide business solutions from a single software product to a full turnkey system involving hardware, user support and system building skills.

Systemes Informatiques pour l'Industrie s.a.r.l.

Offers consultancy and systems services.

Systems and Accounting Services Company Ltd

SAS offers consultancy, bespoke software, and bureau services.

Szczepanik Software Systems Ltd

Offers a range of services for PICK-based computer systems, including systems analysis, design and development, implementation, training and support, feasibility studies, evaluations of equipment and software packages.

Take-Off Associates Ltd

Supplier of custom-built communications software to link terminals and IBM PCs (or compatibles) to McDonnell Douglas equipment.

Timeslice Ltd

Eight years experience of providing application packages and utilities, programming and consultancy services.

Travellog Systems Ltd

Specialist services company offering software and systems to the travel industry. The company offers: system consultancy, bureau processing, viewdata systems, software written or tailored to the user's specification, hardware evaluations, software evaluations, training, education, O & M reports and procedures, troubleshooting.

Trilogy Computers Ltd

Consultancy and systems development

Visiondata Ltd

Software authoring company, currently concentrating on language products for PICK systems. As well as the C compiler and VMAP, the company is developing compilers for Fortran, COBOL and Pascal.

WALCAM Ltd

Offers the following services: Consultancy (including feasibility studies, system design, systems analysis & design, program specifications, personnel training), Training services (see above), Software services, including bespoke software designed/written to order. WALCAM is fully conversant with the interface requirements to the FORMS integrated package and has in depth knowledge of Mentor and McDonnell Douglas systems.

Williams, I.M.

Systems analyst and design consultant. Offers services in the areas of: project management, feasibility studies, systems analysis and establishment of system requirements, specification of requirements and logical design, justification (financial and practical) for projects, evaluation of tenders for projects, package evaluation, program specification, design & coding, systems testing, training, preparation of manuals, system performance assessment.

Wootton Jeffreys Systems Ltd

Turnkey systems and software consultancy supplied.

11. RECRUITMENT AND PERSONNEL SERVICES

Apex Computer Recruitment Ltd

Provides a range of recruitment services to the computer industry and has specialised in the PICK/INFORMATION sector for the past two years.

Compument

PICK recruitment and contract specialists.

Cope Management

Fraser Philips Associates Ltd

Recruitment consultants with a large PICK recruitment division.

Ivory Computer Services Ltd

Provide contract staff and teams.

Pick-People

Contract PICK specialists.

12. MAINTENANCE SERVICES

Business Computer Doctors

Intelligent Computer Services (Technical) Ltd

Offers maintenance agreements and repair services for IBM and IBM compatible micros and printers.

Northern Computing (NI) Ltd

Offers full engineering support for their hardware products.

ORAC Information Systems Ltd

Ramdata Maintenance Ltd

13. USER GROUPS

International Data Base Management Association
MICRU International - McDonnell Douglas Reality User
Group

14. PRINTED RESOURCES

14.1. Books

BATE, J. ST J. and WYATT, M. The Pick operating system. Collins, 1986, 224p. Price: £12.00p. ISBN: 0-00-383160-4. Will be available from ALLM Books.

Contents: Overview of the Pick operating system; Languages available; Database file management facilities; Items and attributes in dictionaries; System security; Business applications; Control of peripherals; Application generators; Developments in the Pick world; View of the Pick players; Appendices.

BOURDON, R.J. The Pick operating system: a practical guide. Addison-Wesley, 1986, 300p. Price: £13.95p. ISBN 0-2-1-18055-3. Due: Autumn. Will be available from ALLM Books.

Contents: Overview of the Pick operating system; Pick data structure; Q-pointers; Getting started; Accounts-files-items; Printer control; Using the Editor; The Procedure language; The BASIC programming language; Information retrieval using ACCESS; Text processing using RUNOFF and JET; Pick on the IBM PC and compatibles; Revelation; Application generators; Pick in the commercial world - its strengths and weaknesses.

KITT, N. PICK - your system. Sigma Press, 1986, ca. 180p. Due: January. Price: £9.95p. ISBN: 1-85058-031-6. Will be available from ALLM Books.

O'BYRNE, D. A guide to the Pick operating system. I-Data plc, 1985, 32p.

Overview of the Pick operating system. General Automation Inc, 1982.

Pick System user reference manual. Pick Systems, 1985, 645p. Available from ALLM Books (price: £39.95).

RICHARDSON, W. and ALDIS, M. A Pick handbook: every manager's guide to the Pick operating system. Truro: Syntagma, 1985, 160p. Price: £17.25p. ISBN 0-9510631-0-3. Available from ALLM Books.

Contents: Introduction; Managing the computer; Managing user accounts; Using data; Editor; ACCESS; Appendices; Index.

SISK, J.E. and VanARSDALE, S. Exploring the Pick operating system. Hayden, 1985, 238p. Price: £26.95p. ISBN 0-8104-6286-9. Available from ALLM Books.

Contents: An introduction to the PICK operating system; Overview of the PICK operating system; The user processes: TCL; EDITOR: the user tool; ACCESS: the data retrieval process; PROC: the stored procedure language; PICK/BASIC: the programming language; Controlling peripherals; Core processes; Applications: putting the parts together; Through the PICK looking glass; Pick; Appendixes; Index.

SISK, J.E., WALSH, W.W. and ALL, K.O. The Pick operating system: a multiuser, virtual memory data base management system. A chapter (pages 5-1 to 5-16) in Zarrella, J. ed *Microcomputer operating systems. Volume III.* Suisun (CA): Microcomputer Applications, 1984, 152p. ISBN 0-935230-10-6. Price approx £20.00p. Available from ALLM Books (Price: £15.00p.)

SISK, J.E. Pick pocket guide. Version I. JES & Associates Inc, October 1982, vp.

SISK, J.E. Pick pocket guide. Version II. Pick Systems, October 1982, vp. Published as a stand-up, soft-cover edition. Available from ALLM Books (price £19.95).

SISK, J.E. Pick pocket guide. Version II. JES & Associates, October 1983, vp. Published as a soft-cover edition and as a loose-leaf hard-cover edition in updatable notebook form. Available from ALLM Books (price £19.95p and £29.95p respectively).

Contents: Editor; Pick/BASIC; ACCESS; PROC; RUN-OFF/JET; TCL; Debugger; Spooler; ERRMSG; ASCII.

SISK, J.E. REALITY pocket guide. Edition I. JES & Associates, July 1981, vp.

SISK, J.E. REALITY pocket guide. Edition II. JES & Associates, March 1982, vp.

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Contents: Editor; DATA/BASIC; ENGLISH; PROC; RUNOFF; WORDMATE; TCL; Debugger; Spooler; ERRMSG; ASCII tables.

STAGNER, W. Pick user's handbook. Weber Systems Inc, 1986, approx 300p. Price: £19.75p. ISBN 0-938862-22-7. Due January. Will be available from ALLM Books.

Contents: Virtual Memory manager; System monitor; File structure; Dictionary system; Data base manager; Inquiry language; Pick/BASIC; PROC; EDITOR; RUN-OFF; TCL; Spooling system; security system.

STERN, M. and POLLACK, B. Pick: the easy way. 4 volume set. Huntingdon (NY): Matthew Stern. Volumes 1 and 2 due to be published in Fall 1985. Will be available from ALLM Books.

TAYLOR, M. PICK for users. Blackwell Scientific Publications, 1985, xiii, 183p. ISBN: 0-632-01492-X. Price: £9.50p. Available from ALLM Books.

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14.2. Software Directories

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IDBMA application software directory: a directory of application software packages for Pick-based computer systems. 4th edition. IDBMA, 1985, 235p. Available from ALLM Books. (Price: £25.00p.)

IDBMA directory of PICK/Reality hardware systems and services. IDBMA, 1983.

IDBMA directory of PICK/Reality software. IDBMA, 1983.

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Pick hits: applications software for the Pick System. 2nd edition. Pick Systems, 1985, 132p. [Over 800, mainly U.S. packages]. Available from ALLM Books. (Price: £9.95p.)

Revelation software applications directory. Cosmos Inc, [1984?], 40p.

Revelation software applications directory. Cosmos Inc, 1985, 57p.

Source. Published by Honeywell Information Systems Ltd. Volume 1 Issue 1, 1984 -. Free. [From Volume 1 Issue 2 (1985), contains Pick software running on Honeywell].

14.3. Magazines

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PickWorld. Published by *PickWorld*. Volume 1, 1984-. Quarterly. \$22 (UK price). Available from ALLM Books.

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14.4. House Journals

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CFL Newsletter. Published by Computer Factors (Sales) Ltd.

Crystalline. Published by Aston Technology Ltd. From: May 1984. Frequency: Quarterly.

Discover. Published by DISC International Ltd. From: September 1985 (Vol 1, No 1).

Dynix Dataline. Published by Dynix Inc.

INFOCUS. [Prime INFORMATION newsletter].

Kalamazoo Business News. Published by Kalamazoo plc.

Kode News. Published by Kode Ltd.

Monitor. Published by McDonnell Douglas Information Systems Ltd.

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14.5. Articles

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14.5.5. Application and program generators

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14.5.6. Applications and users

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14.5.9. Companies

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14.5.10. Computer industry

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Dave Cohen. *International Spectrum* 2(3) July 1985, 55-58.

Frank Broos. *International Spectrum* 2(3) July 1985, 52-54.

Super salespeople! Flying high! *International Spectrum* 2(3) July 1985, 42-48. [Introductory article to this series of interviews].

Susan Davis. *International Spectrum* 2(3) July 1985, 49-51.

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14.5.29. Pick Systems and Dick Pick

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R/BEGINNER. *REVTECH* 2(3) March 1985, 6-7.

R/BEGINNER. *REVTECH* 2(6) June 1985, 7-9.

R/BEGINNER. *REVTECH* 2(8) August 1985, 7-9.

R/BEGINNER. *REVTECH* 2(9) September 1985, 8-9.

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R/BRIEFS: brief ideas & comments. *REVTECH* 1(4) September 1984, 6-7.

R/BRIEFS: brief ideas & comments. *REVTECH* 1(5) October 1984, 7-8.

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R/HINTS. *REVTECH* 2(11) November 1985, 9.

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R/MAIL *REVTECH* 2(2) February 1985, 6-9.

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MORAN, N. Ultimate founder fishes up a fortune. *Computer Weekly* 12 September 1985, 14.

Ultimate Corp. goes after the Far Eastern market. *International Spectrum* 2(1) March 1985, 60,62.

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14.5.38. Unison Technology plc

European Pick house to sell in US. *Computer Business Europe* September 1984, 9.

HUNTER, P. Young takes his Pick in Europe. *Computer Weekly* 16 August 1984, 10.

14.5.39. Universal Computers Ltd

Father and son team at Universal. *Computer Talk* 11 November 1985, 9.

Profile: Universal Computers. *International Spectrum* 1(3) July 1984, 35-27.

14.5.40. User Groups

User group directory. *Pickworld* 1(3) September 1984, 26-27.

User group directory & calendar of events. *Pickworld* 1(4) December 1984, 28, 30, 32.

User groups: crawling in all directions. *International Spectrum* 2(1) March 1985, 38-42.

14.5.41. Videotex

O'MALLEY, D. Introduction to videotex. *International Spectrum* 1(4) September 1984, 26-27.

14.5.42. Viewbase

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O'RIORDAN, T. Inside Viewbase. *Discover* 1(1) September 1985, 2-4.

14.5.43. VMark Computer

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14.5.44. WICAT

Profile: WICAT Australia. *International Spectrum* 1(4) September 1984, 30.

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Product profile: Wizard II. *PickWorld* 2(3) September 1985, 49.

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15. COMPANY DIRECTORY

Introduction to this section

The Company Directory includes the details of all companies that we have been able to trace who are involved in the Pick marketplaces in the following geographic areas:

- United Kingdom
- Europe
- Australia
- New Zealand.

Most of these have responded to contact and have supplied and checked information for this Guide. In a number of cases, however, the company name is prefixed by an asterisk (*). This indicates that we have not been able to establish contact with the company concerned for one of several reasons: (a) because we have not been able to trace their full address, (b) they have not responded to questionnaires or letters, or, (c) we have only very recently learnt about them and there has been no time to write to them. In all these cases, they have been incorporated into the Guide on the basis of our best knowledge about them. We hope to include better details in the next edition. In the meantime, they are identified by the * before the company name, so that users will understand that the details given in the main sections may not represent the full scope of the products or services offered by those companies.

In general, names and addresses of United States companies have not been given. This Guide only includes products available through UK (Australian, etc) companies so the first point of contact would be the UK etc. address. As explained in the Introduction, this company list quite deliberately includes incomplete entries, where it has not been possible to trace full details.

4GL COMPUTING
6 Randolph Crescent
EDINBURGH EH3 7TH
Tel: 031-225 5977
Telex: 72562
Contact: Russell Cowe (Director)

*ABACUS COMPUTER CONSULTANTS
55 Spring Meadow
Clayton-le-Woods
PRESTON
Lancs
Tel: Leyland (07744) 51554
Contact: P.A. Pyle (Director)

*ACCESS COMPUTING PTY LTD
10 Queens Road
MELBOURNE
VIC 3004
Australia
Tel: (03) 267 2255

ADSERVE COMPUTING LTD
31-36 Foley Street
LONDON W1P 7LB
Tel: 01-637 9031
Telex: 262914 ADBACK G
Contact: G.R. Brooks (Managing Director)

Branch and other offices

Suite 5
Britannia House
Leagrave Road
LUTON
Beds
Tel: (0582) 421822

Crown Buildings
184-186 Stratford Road
Shirley
SOLIHULL
W. Midlands B90 3BQ
Tel: 021-745 8212
Contact: P. J. Marshall (Manufacturing Systems Consultant)

*ALBION COMPUTER COMPANY LTD
79-83 Great Portland Street
LONDON W1N 5RA
Tel: 01-580 9611
Contact: Kay Woollard

*ALLERSTAR SYSTEMS LTD
27 Wealdon Close
Southwater
HORSHAM
W. Sussex
Tel: (0403) 731577
Contact: M.J.B. Gray

ALLM BOOKS
21 Beechcroft Road
BUSHEY
Herts WD2 2JU
Contact: Alan Pritchard (Owner)

*ALTOS' COMPUTER SYSTEMS LTD
Piper House
Hatch Lane
WINDSOR
Berks SL4 3QJ
Tel: (07535) 50712
Telex: 849139 ALTOUK G
Contact: Barry Forrest (Marketing Manager)

*AMBIT COMPUTER CONSULTANTS
99 Leichardt Street
P.O. Box 400
SPRING HILL
QLD 4000
Australia
Tel: (07) 839 6168
Telex: 145192

AMI DATASHOP
Birger Jarlsgatan 42
114 29 STOCKHOLM
Sweden
Tel: (08) 217887/101099
Telex: 11083 TELEKC S (AMI)
Contact: Harald Marthins

AMPERSAND SYSTEMS LTD
Armourers House
50 Queen Charlotte Street
BRISTOL BS1 4HE
Tel: (0272) 279726
Contact: John Whythe (Director).

ANJEC COMPUTER SERVICES LTD
14 Marriotts Road
LONG BUCKBY
Northants NN6 7QY
Tel: (0327) 842660
Contact: John E. Carter (Managing Director)

APEX COMPUTER RECRUITMENT LTD
59 Grays Inn Road
LONDON WC1X8TL
Tel: 01-404 4821
Contact: Sean Orsler (Director)

APPLICATION MANAGEMENT & DESIGN
Ariel House
27 Harrier Park
NORTHAMPTON
Northants
Tel: (0604) 60501
Contact: Alex Dare (Proprietor)

APPLIED COMPUTER EXPERTISE LTD
9 Roderick Road
LONDON NW32NN
Tel: 01-267 3220
Contact: Rod Voyce (Managing Director)

*ARCULUS SYSTEMS LTD
Walton House
The Courtyard
West Street
MARLOW
Bucks SL7 2LS
Tel: (06284) 73950
Contact: Mike Wyatt (Director)

*ASDON COMPUTERS LTD
Systems House
Bachelors Walk
LISBURN
Co. Down

ASK MICRO CONSULTANTS LTD
23 Lycroft Close
Goring-on-Thames
READING RG8 0AT
Tel: (0491) 872826
Prestel: *25885E or 419826728
Telecom Gold: 72:DTB10037
One-to-One: 13268001
Contact: RobinDyke (Director)

Current mailing address:

P.O. Box 31
WALLINGFORD
Oxon OX10 0XH

From August 1986, address/telephone:

18 Henfield View
WARBOROUGH
Oxon OX9 8DB
Tel: (086732) 8555

*ASPECT COMPUTER SYSTEMS LTD
Devonshire House
Bank Street
LUTTERWORTH
Leicestershire LE17 4AG
Tel: (04555) 4220
Contact: Donald C. Evans (Managing Director)

*ASPECT COMPUTING PTY LTD
Suite 501, Stanhill
34 Queens Road
Melbourne
VIC 3004
Australia
Tel: (03) 267 7333
Contact: Lyndsey Cattermole (Managing Director)

ASTON TECHNOLOGY LTD
Venture Way
Aston Science Park
BIRMINGHAM B7 4AP
Tel: 021-359 4861
Telex: 334535
Contact: Kim Jones (Marketing Manager)

Branch and other offices

2nd Floor
Woburn Buildings
1-7 Woburn Walk
LONDON WC1H 0JJ
Tel: 01-387 9601
Contact: Geoff Morris (Regional Sales Manager)

*ATECH SYSTEM BUILDER LTD
Feldeggsstrasse 26
CH-8008 Zurich
Switzerland
Tel: (1) 251 5115

AUSTRALIAN PICK SYSTEMS PTY LTD
Suite 1
1-3 Moore Street
HARBORD
NSW 2096
Australia
Tel: (02) 939 6023
Contact: Jan Parker (Marketing Manager)

AWA COMPUTER SERVICES PTY LTD
Correspondence to:
P.O. Box 136
EASTWOOD
SA 5063
Australia
246 Glen Osmond Road
Fullarton
SA 5063
Australia
Tel: (08) 79 9581
Telex: AA 88820
Contact: Ms P.M. Renner (National Software Sales Manager)

Branch and other offices

Gas Industry House
Moore & Rudd Streets
CANBERRA CITY
ACT 2600
Australia
Tel: (062) 477522

301 Coronation Drive
MILTON
QLD 4064
Australia
Tel: (07) 369 3577

132 Arthur Street
NORTH SYDNEY
NSW 2060
Australia
Tel: (02) 922 3300

240 St Georges Terrace
PERTH
WA 6000
Australia
Tel: (09) 321 9334

131 High Street
PRAHRAN
VIC 3181
Australia
Tel: (03) 529 4133

AWA COMPUTERS
121-127 High Street
PRAHRAN
VIC 3181
Australia
Tel: (03) 529 4133
Telex: 312455
Contact: David Gregory (Sales Manager)

AWA NEW ZEALAND LTD
100 Ponsonby Street
Grey Lynn
AUCKLAND 2
New Zealand
Tel: 762967

AWA NEW ZEALAND LTD
Wineera Drive
P.O. Box 50-248
PORIRUA
New Zealand
Tel: (04) 375 069
Telex: 31001/3839
Contact: David Stewart (Data Systems Group)

AWA NEW ZEALAND LTD
WELLINGTON
New Zealand
Tel: 85 1279

*BEAUCHAMP COMPUTER SYSTEMS LTD
Churchfield House
45/51 Woodhouse Road
LONDON N12 9ET
Tel: 01-446 8171
Telex: 268037 CHURCH G
Telecom Gold: 74:LGN0121
Contact: Adrian Salter

BIBLIO TECH LTD
78 High Street
MARKYATE
Herts AL3 8LF
Tel: (046272) 318/(0582) 840607
Contact: Peter Evans (Managing Director)

New address:

124 Dunstable Road
LUTON
Beds

*BLUE WATER COMPUTER SERVICES
The White House
Roxby Place
LONDON SW6 1RT
Tel: 01-386 7555/7569
Telecom Gold: 81:MMD320

*BUSINESS COMPUTER DOCTORS
33 New Cavendish Street
LONDON W1M 7RL
Tel: 01-486 9557
Contact: Aaron Gershfield

*BUSINESS COMPUTERS INTERNATIONAL
33 New Cavendish Street
LONDON W1M 7RL
Tel: 01-486 9557
Contact: Aaron Gershfield

C2 PRODUCTS LTD
79-83 Great Portland Street
LONDON W1N 5RA
Tel: 01-636 8284
Contact: Howard Cole (Sales Executive)

CB BUSINESS SYSTEMS LTD
Systems House
5 South Fergus Place
KIRKALDY
Fife KY1 1YA
Tel: (0592) 202958
Contact: J. M. McGinty (Director)

Branch and other offices

2A Parkgrove Terrace
GLASGOW G3
Tel: 041-339 2237

CENTRE TEC
46/47 Pall Mall
LONDON SW1Y 5JG
Tel: 01-839 7626/7628
Telex: 8813252 CENTRE G
Contact: Andrew Green

Centre Technology Ltd
Trading as Centre Tec (q.v.)

*C.I.TOH ELECTRONICS CO LTD
Beacon House
26/28 Worple Road
LONDON SW19 4EE
Tel: 01-946 4960
Telex: 8955616 UKCIE G

CITY COMPUTER SERVICES LTD
20-22 Prescott Street
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Tel: 01-488 2721
Telex: 8955698
Contact: I.A. Khair (Director)

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