

MC600—The Mobile PC

Mobile computing becomes fully IBM PC compatible with the release in May of the MC600. Combining the technological advances of the MC range with the industry standard MSDOS operating system, the MC600 lets you use your standard software packages - Lotus 123, Wordperfect, Word, Wordstar, Dbase, and others - on the move.

Weighing only 4.31bs, it fits easily into your briefcase and gives you thirty hours of battery life with little worry of running out of power half way through a task. Communicating with your desk top PC is easy as the built-in Laplink III means files can be quickly transferred

between your MC and PC. Now all those important documents, spreadsheets, or anything else you might keep on your PC can be carried with you.

Technical innovations

By working closely with Microsoft, Psion has developed the world's first computer to run their ROMDOS (equivalent to MSDOS 3.2), which is executable from ROM rather than RAM, leaving valuable system memory free for other uses.

The machine also incorporates many of the latest developments in screen and custom chip design which improve performance and reduce power consumption. Combine this with a unique power saving mode and the result is a battery life of thirty hours. The MC will automatically turn to "stand by" mode if not used for a few minutes and the screen and other power using elements are closed down. By simply pressing the ON/OFF key, the user is returned to exactly where he left off with no need to re-boot. The machine need never be switched off in the conventional sense.

Other features

In addition to these benefits, the MC contains 1 Mbyte of built-in RAM which can be expanded by a further 2 Mbytes using Psion Solid State Disks. All this together with a built-in editor, password protection and a full set of function keys, and the result is a unique product considerably ahead of the competition.

Continued on back page.

In this issue

Page 4 - Solid State technology makes its mark

Page 6 - Sony, On the spot repairs

Page 11 - Win an MC600

Page 13 - Servicing you - Technical Support

Look out for the first Psion News Supplement

Note from the Editor



Half a million - that's how many Psion Organiser IIs are now in use worldwide. This has generated an enormous user base which continues to develop exciting, diverse and above all interesting products and applications for the Organiser. Consequently the competition for 'space' in Psion News has mushroomed: and to meet the demands of both developers and users alike we've produced the Psion News supplement - the first issue is enclosed.

Dedicated to the news of 'independent Developers' it brings to the newsletter a whole range of newsworthy stories that we wouldn't otherwise be able to feature, and which we think will be of interest to you the readers.

Stop Press..Stop Press..

As corporate systems continue to expand and grow so does the demand for customised hand-held terminals: The latest addition to the Psion range is the POS 296.

This machine will be ideal in applications in which large volumes of predominantly numerical data have to be stored, as it has 96K RAM, 2 line screen and a POS keypad (number and three function keys).

As with all Psion hand-held terminals, this will run the user's own pre-recorded application software and handle a wide range of user specific functions.

This machine can be used in conjunction with any of the peripherals in the corporate product range.

Stop Press..Stop Press..

Organiser Spring Fever

Spring has brought with it a shower of new offers and services for the Organiser enthusiast. A new catalogue, more information and special packages are among the treats in store for the serious user.

Promotions

In the U.K. Organiser users have been able to upgrade and extend their equipment through the recent special in-store promotions for the LZ and LZ64. Special packages were prepared which included an Organiser, extra Datapaks to increase the Organiser's memory capacity, and leather case, at special Spring prices. Some of you may already have seen the advertising campaigns and point-of-sale publicity promoting this new offer.

New Spring Catalogue

By popular demand we have produced a 48 page catalogue packed

with information. It is essential reading to catch up on all the hardware, software and peripherals produced by Psion and by some 60 independent developers.

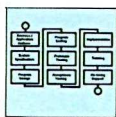
It is split into different categories so whether you are looking for file-handling or business software as diverse as calculating dental fees or logging phone calls, you will find whatever you need quickly. In terms of hardware it covers everything from the Ex-Tech printer to the Powamatic to trickle charge your Organiser battery. The entire Psion Organiser II product range is covered, including the new Thesaurus and Spelling Checker, and this is our most comprehensive catalogue to date.

For your free copy, phone our sales office. Remember our new address and telephone number is Psion UK PLC, Alexander House, 85 Frampton Street, London NW8 8NQ. Tel: 01-262 5580. Fax: 071-402 3144

APPROXIMATION DEVELOPMENT
Softe & Co Ltd, 9 Farnham Avenue, St Albans, Herts, AL1 3SL. Tel: 07271 63234

Softe & Co are one of Psion's leading management consultancy and systems development organisations in the UK. Softe specialises in providing data capture, transfer and reporting systems based upon the Psion Organiser II. Their expertise includes Market Research, Bureau Order Entry and Stock Control Systems. Softe specialises in:

- 1. The incorporation of hand-held/mobile computer technology into corporate IT strategies.
- 2. The implementation of databases and interfaces to mainframe PCs. Their clients include The Rover



Chris, John Lewis Partnership, Chesham World of Advertisements and Advertising World Industries.

SOFTA



An available development tool for systems using software programs for the Psion Organiser II. Operates on a 5.25" disk for IBM PC and compatible systems on the relative create, test and debug your CBI programs on the PC before transferring to the Organiser.

PSION CORPORATE SYSTEMS - Psion UK PLC, 85 Frampton Street, London, NW8 8NQ. Tel: 071-262 5580

Psion Corporate Systems are specialists in providing total solutions to any business problem. Through working with clients in industries as diverse as retailing, financial services, health care and service engineering, we are able to produce complete business to business solutions. This starts with analysing the problem, continues with writing bespoke software, providing standard or modified hardware and is completed with Psion providing full technical back-up and support. Systems may be stand-alone or can be integrated into existing PC or mainframe systems that extend far beyond the confines of the office.

DEVELOPER
Psion UK PLC, 85 Frampton Street, London, NW8 8NQ. Tel: 071-262 5580



IR COMMS INTERFACE - Extech Instruments Corp, 150 Essex Road, Waltham, MA 02154, USA. Tel: 1 617 890 7442

Two port wireless infrared communications link for Psion Organiser II and any serial device (PC or printer) for sending and receiving serial data without the need for RS232 cables. Puts in and plugs into top slot of Organiser and interface to a COM Link software interface file to remote serial device up to 10 metres distance or even to another Organiser. Includes error checking and LED indication of data transmission and reception. Other end plugs into the serial port of a PC or printer via DB-25 connector. Available Summer 1990.

POWER PERIPHERALS - CHESTERMAN Mount, Harrogate, N. Yorks. YO1 1JL. Tel: 0423 560032

A range of POWER SUPPLY products and a non-slip DESK STAND/HOLDER, designed for the Organiser in the office, workshop, or catering, mobile situations. POWAMATICS have the expertise, experience and unique patented design which converts any Organiser into a fully self-contained cost-effective system. Once the special rechargeable Battery Converter Kit is fitted, the necessity to change batteries is completely eliminated.



POWAMATICS PERIPHERALS - an extension of the Psion Organiser

DYNAPHILL - Dynatec Technologies Inc, 800 Bellows Road, Chesham, Bucks, MK45 3AL. Tel: 0494 842650

The Dyna-Pill-485 Network system for the Organiser II session on-line data capture is now available in a full time computer for between 1254 Organiser II's attached to a host PC. Dyna-Pill software utilities are provided for complete network configuration and polling data collection.

PAMALINK - Widget Software Ltd, 171 London Road, Enfield, Herts, SG2 8EJ. Tel: 0426 818444

Pamalink lets you print immediate hard copy from your Organiser to a standard parallel printer. One end of the Pamalink cable slots into the top of the Organiser, and the other into the parallel (Centronics) port provided on 95% of the printers currently on sale. No other software is needed. The Pamalink cable also includes a mini-adaptor socket. Pamalink software allows printing of date files, diary files, notebooks, and programs. Pamalink can be used by any program using standard port commands, including AutoWrite.



LEATHER CASE - Psion UK PLC, 85 Frampton Street, London, NW8 8NQ. Tel: 071-262 5580

A stylish padded leather case with a built-in flap that provides that extra protection and smart look to the Psion Organiser II. Leather-lined, it can be personalised in gold or hand-embossed with up to four initials on the front flap. (See packaging for details).



Brewers Tap New Technology

Britain's brewing industry is discovering cost-effective, efficient computerised solutions to a whole range of classic brewery problems. Using portable technology new computer systems have been developed and implemented for the whole industry.

The Listening Organiser

Using an Organiser linked to a set of headphones proved an imaginative new solution to a problem facing Courage Brewing — the loss of costly aluminium and steel containers. Previously the solution was an annual census of containers returning from the trade that took eight weeks to complete.

This task has been cut to three weeks by equipping the observer with an Organiser, a barcode reader and, for the first time ever, headphones linked through a jack plug to the Organiser. Software house Transform Ltd developed the system.

Now the observer logs data such as date, size, last product contained simply by swiping barcodes on each container. The collected data is then transferred direct to a PC, enabling the brewery to calculate the number of containers lost in the last year.

The brewery had a major problem with noisy unloading areas, which made it difficult to hear the bleep of the Organiser. Attaching the headphones via the jack plug interface solved the problem and saved time by removing the need to read screens.

The system has proven itself to Courage's Information System Project Manager Andrew Powell who comments, "We chose the Organiser hand-held system because it was cost-effective and portable. Though the Organiser wasn't designed originally with the brewery environment in mind, this system has met our requirements. Transform have worked closely with us to meet our particular needs".

Olde Worlde Ales come into the 90s

Traditional small brewer Smiles also

needed a cost-effective cask tracking system along with a customer database, price list, stock control, cask tracking and invoicing system.

Barcode reading was essential for

are off-loaded and empties returned, their barcode labels are read and the data collected.

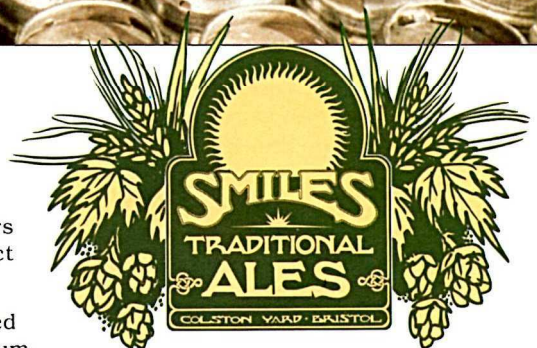
As a result of this draymen can produce and print invoices on the spot, working from the customer database. On return to the brewery, the drayman's Organiser is plugged into the central computer and files are then transferred to update central records.



Counting in the barrels

this system but posed a challenge, the tricky business of swiping round barrels. The solution was to use Organisers with sophisticated non-contact CCD scanners.

As each batch of casks is filled barcodes are read to log cask number, brew number and type of ale. This data is used to update central records. As draymen carry out their deliveries they utilise two databases on the Organiser, one containing cask data and the other customer information. At each pub as casks



As John Payne of Smiles sums up: "Psion have given us a cost-effective solution to a complex problem of tracking casks in addition to which we've gained a computerised invoicing system as well".

New Wave of Scanners

From shopping, to programming the video or checking into security-conscious offices, the ubiquitous barcode is part of all our lives.

With our ability to engineer and manufacture customised products, Psion is at the sharp end of a new generation of scanners that are extending

the use of barcode readers into more challenging environments.

The barcode used to be confined to merchandise that was flat and smooth which could be read easily using conventional pen swipes. Now, new non-contact scanners known as CCDs (charge couple devices) are making it simple to scan goods which are awkward to read.

In the USA Ciro Pearls had to find a solution to the problem of how to read tiny barcodes to effectively capture data on the sale of small items of jewellery, they solved this by using new CCD scanners linked to the Organiser.

By adding the Psion Printer II to the system (hand-held terminal, Gold Star modem, non-contact scanner and software), Ciro obtained an efficient POS system which is now being tested in 30 American outlets.

In these stores the scanner reads the product label, and selected items such as method of payment and cost off a printed menu. The data is stored in the hand-held's internal RAM and the printer then produces receipts for both customer and store at the point of sale.

As each store closes, the assistant simply plugs in the modem and the day's trading is automatically downloaded into the company's main computer, updating the central files for future sales analysis to take place.



Going Underground

Safety on one of the world's busiest and largest underground systems has to be of paramount importance. As part of a safety drive campaign, London Underground Ltd are implementing new computerised systems.

Every Underground station has up to ten signal equipment rooms. Under new safety regulations enforced by the London Fire Brigade, each room has to be checked every hour to ensure that no fire hazard is present until fire detection systems are installed. Previously, the rooms were checked using a clipboard and pen but while efficient, the system and the number of rooms involved needed the speed that the Organiser can provide.

Speed of introduction and ease of use were of primary importance to the London Underground. The new system was implemented with a minimum of disturbance within only a few weeks.

Each signal equipment room now has a barcode on the inside of each door. A barcode reader, connected to the Organiser, is used to swipe the code. This is then recorded and is proof that the room has been checked. The Organiser also logs details such as time, date and the name of the inspector.

At the end of each eight hour shift the inspector downloads

the data from the Organiser at one of ten central London depots, through a modem (Dacom 2424) into a personal computer at London Underground's Signal Department office. This ensures that the fire brigade's requirement that regular and accurately updated inspections on the safety of London Underground's signal equipment rooms are carried out.

Robert Hale, Systems Signalling Development Engineer at London Underground, commented: "This

simple system has saved time and money. The ease of programming and expansion potential of the Organiser means the machine can be further developed for use in maintenance and fault finding". Simplicity itself!



UNDERGROUND

The Key to Productivity

In the increasingly competitive business world of the 90s, the need to improve productivity will be more important than ever. The challenge is to develop innovative techniques that enable organisations to achieve this as easily as possible.

Now Psion Organisers are giving added impetus to a powerful technique developed by specialist consultants Chubb Hennessy Ltd, called Total Quality Supervision (TQS). The system is based on the principle that supervisors are the key to controlling resources more closely. Managing director of Chubb Hennessy, Felix Wentworth, believes that supervisors are in a unique position to reduce the



huge amount of waste which exists virtually everywhere due to the misuse of resources.

Palmers Scaffolding Ltd is the first user of this system which gives supervisors even closer control over their work. Each Palmers supervisor has an Organiser, which enables him to estimate in seconds the work content of every scaffold, track its build status, the labour employed, and report on productivity against target levels.

All delays are logged at the time they occur and coded by cause, which enables management to analyse these and promote prompt corrective action.

The Organisers have been enthusiastically accepted by the supervisors who see them as an important step towards a more technological future. According to senior site supervisor Kenny Earnshaw, "In five years time, if you can't handle one of these, you won't get a job!"

Felix Wentworth sees a virtually unlimited potential for using Psion Organisers as an extension of TQS. "According to the CBI, there are 1.75 million supervisors out there in industry and commerce. Organisers could well be used by half of them".

Solid State of the Art

Solid state technology is not new to Psion, we've been using it for years on the Organiser. But the new use of this technology on the Mobile Computer range has enabled Oxford Magnet Technology, manufacturers of body NMR magnets, to computerise its Magnet Test Dept.

The company needed a network system for its Magnet Test Dept which would monitor magnets at the end of production, ensuring that the products met their precise specifications. But the large stray magnetic field ever present in its factory was an anathema to the delicate and volatile floppy disks and other magnetic media used in most computers.

The MC400 was the obvious solution, as it utilises the new Flash Eprom technology in Solid State Disks. These robust memory devices are totally unaffected by magnetic fields.

For Oxford Magnets, the MC400 also had the bonus of a built-in RS232 port which makes it easy for the computer to communicate with the company's range of RS232 instruments used in daily work. Oxford Magnets now use 15 Psion MC400s with special software.

The MC400s are used to log readings taken by instruments such as voltmeters and frequency meters which monitor finished products. These readings are stored in the MC's internal RAM which is downloaded to the main computer system.

Nick Martyr, Test Engineer for Oxford Magnets comments, "There are endless uses for the Mobile Computer in industry. With more and more peripherals being produced, the MC400 is ideal for our company."



Bringing **SONY** into Focus

One of the Japanese giants in manufacturing today, Sony, has turned to British technology to find a solution to the widespread problem of servicing.

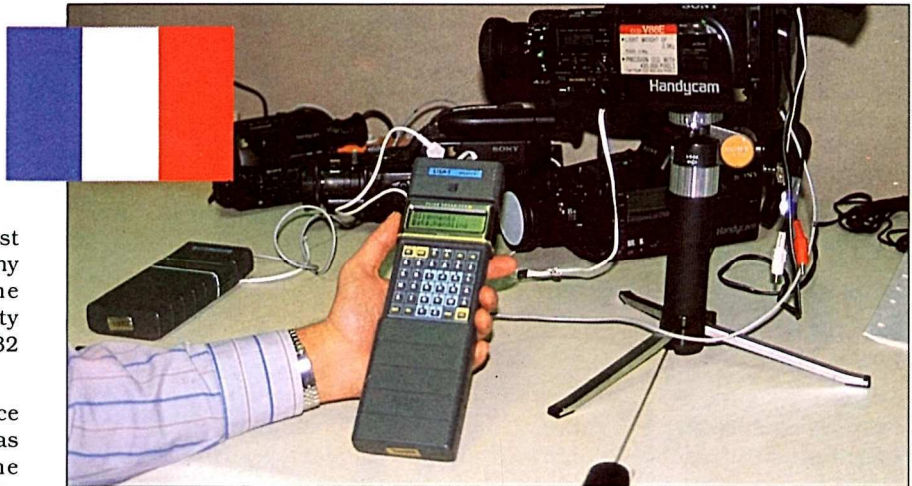
With the need to provide more cost effective and localised servicing, Sony recognised the potential of the Organiser with its programmability and connectivity to any other RS232 device.

Sony's European consumer service headquarters based in Belgium, has developed an interface for the Organiser in addition to a sophisticated machine code program, to allow the Organiser to communicate with Sony's range of camcorders.

The Organiser with the LISA (Links and Innerbus Service Adaptor) interface allow a Sony service technician to make a quick diagnosis of the problem and if necessary automatically realign the camera. Some alignments that took about thirty minutes when executed manually, now take less than two minutes.

Usual alignments carried out include autofocus, focus and speed on a camera which involve complex formulae to calculate the level of adjustment needed. Now the Organiser and LISA interface can calculate and perform the level of adjustment quickly and accurately.

Local dealers who cannot afford larger, purpose-built repair equipment

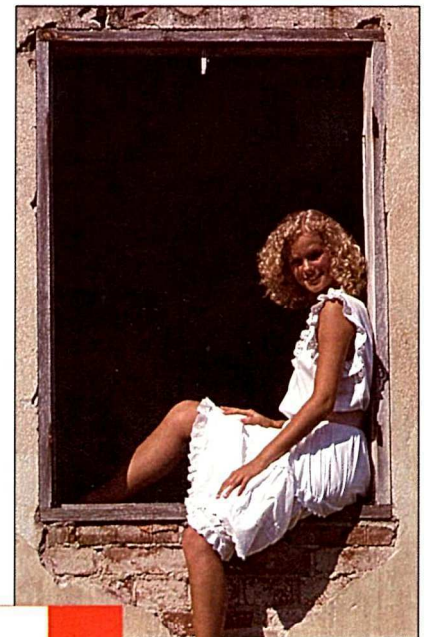


Link-up with Psion services Sony.

can now carry out repair work without the need to return the goods to a major service centre, making the process quicker and cheaper, but above all beneficial to the customer.

As Johan Devenyns of Sony Service Centre Europe explains, "This cost effective system has been developed to make on the spot trouble-shooting and alignment easy for small dealers to provide a better service to our customers".

To date approximately 20 of these systems are in the field, but the camcorder application is only the start of Sony's and Microconnection's (Psion's Belgian distributor) collaboration. Similar systems are under development to assist the service of other Sony equipment, such as TVs, videos and CD players providing a huge potential market for the Organiser.



International Show Dates

Over the next few months Psion will be present at shows which span three continents. Full details given below.

New Zealand - Leatham Electronics Ltd
Bits & Bytes Computer Show:
Auckland, 26-28th April
Wellington, 26-28th July

Sweden - Psicom-Tech
Herning Messen: Stockholm, 11-15th
September

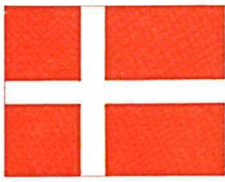
USA - Psion Inc
ID Expo: Chicago, 15-17th May
Consumer Electronics: Chicago, 2-5th
June
Comdex: Atlanta, 3-6th June
Military: Dallas, 12-17th August

Setting the Fashion

A new accessory in the Italian fashion industry is mingling with names such as Armani and Ferre and their stunning new collections. Now on every top fashion stand at Pitti Immagine, one of the biggest international trade fashion fairs in Florence, the Psion Organiser II has its own role to play.

Psicom SRL, Psion's Italian distributor, has supplied every stand with an Organiser and barcode reader which records the name and company of every visitor to the fair along with their reason for visiting. This enables Pitti Immagine to build up a database of invaluable sales leads.

This Organiser-based application is very simple in its operation. Every visitor has a personalised barcode ticket supplied by Pitti Immagine, which is swiped whenever a stand is visited. Any additional information can be added manually to the Organiser.



On the Right Tracks

Passengers on Copenhagen's public transport system can use the same tickets on both the buses and railways. This makes passenger flow throughout the city significantly easier, but at the same time creates a cash-flow problem for the accountants!

Income is shared by the two companies involved, the Danish Railways and the bus company HT, proportional to the number of passengers using each mode of transport. With Psion's help a data collection system has been developed to save time and money, speeding up the dissemination of information and vastly reducing paperwork.

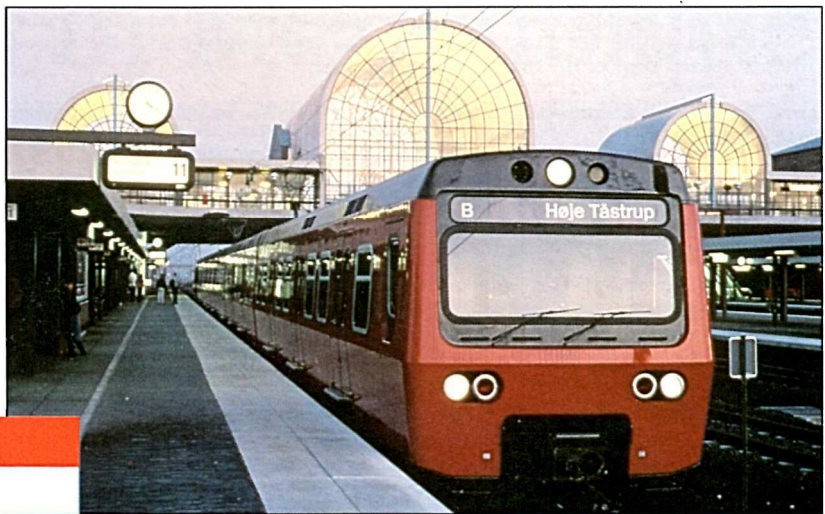
The system uses the Psion POS 200 hand-held computer designed for high numerical input with a numerical only keypad for ease-of-use. Specially written software, stored on 16k Datapaks has been developed jointly by the Danish Railways and Psicom-Tech, Psion's Danish distributor acting as Technical Support for the railways.

Within the new system, 25 collectors based at 13 stations are manned with a

Psion POS 200 and Datapak. Counters join trains as they are about to depart taking an average passenger count from two carriages. Passenger numbers along with date, time and station (all numerical data) is logged onto the hand-held.

When counters finish their shifts, they transfer the data via a comms link and a modem based at their homes to a PC based at Danish Railways HQ.

This allows generation of statistics, and distinguishes revenue between the railways and the buses, in a matter of minutes - a major time and cost saving exercise.



Floral Prints



With an enviable reputation for good quality colourful blooms, the flower trade in Aalsmeer near Amsterdam is always on the look-out for ways to improve the complex administration involved in selling and distributing its produce.

Florists, flower merchants and even truck drivers all have to be kept abreast of the daily changes to the price, type and quality of flowers. This has been simplified by an administration system which operates on the Psion Organiser II, specially designed by FCH Automatisering. Around 50 systems are currently in use covering flower delivery, stock control, on-the-spot printing of delivery notes and management accounting.

For truck drivers delivering the flowers barcode readers are used to record stock levels and deliveries made. Each box of flowers has a barcode which is swiped when delivered. Then, by the means of an Epson printer which runs off the truck battery, a delivery note

and an invoice in duplicate can be produced.

At the end of each day, the Organisers are connected to a PC and all data on the day's deliveries is processed before the next day's auction and retail prices are entered.

"Using the Organiser in Amsterdam's flower trade has proved to be a great success on many different levels", comments Andre Blout, Director at FCH Automatisering. "The system is highly cost-effective and above all easy to program and easy to use, which allows figures to be amended easily and the truck drivers to use the Organisers confidently."

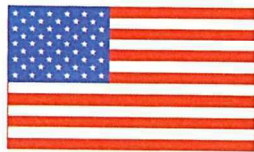
Both the hardware and software can be adjusted to suit the needs of individual flower merchants, providing a highly versatile administration system for the trade.

Other flower merchants are using the Psion Organiser in stock administration and purchasing, daily reporting and profit and loss accounts creating a completely portable system.



Stock-taking 'blooms'.

Uniting the States



Any insurance company operating throughout the US is faced with each of the 50 states of the union having their own set of legislation. Liberty Mutual is one such company who faced with a brief to computerise its quotational service turned to the Psion Organiser II. Programmability, portability, memory capacity and ease-of-use made it a natural choice.



To replace existing bulky rate tables, Liberty Mutual has equipped each salesman with a 2 line Organiser, specially written software and an Ex-tech printer. This impact printer fits snugly onto the top of the Organiser and allows production of a hard copy of the quotation on-the-spot.

Liberty Mutual are unique in that their salesmen visit customers in their homes, and are now able to provide on-the-spot quotations. It is already operational in 19 of the US states for car insurance quotations, and allows the salesman to have all the facts he needs at his fingertips, including geographical variations in insurance legislation. When necessary, information is updated at divisional offices by the company's main computer system.

Julia Holden, Assistant Co-ordinator of Personal Systems at Liberty Mutual, commented, "Due to the nature of our business, our company has benefitted from this system as it provides more accurate quotes which are speedily produced and less prone to error".

The company is so pleased with the system's performance that it is planning to introduce it to other areas of its business in the future, such as quoting on mortgages.



Stealing the Show

The Mobile Computer range is a clear hit in the USA. The new machines were described as the "talk of the show" at Comdex in Las Vegas last November.

For many of the 130,000 visitors to Comdex, the MC had become essential viewing, so much so the stand was permanently jammed with people

wanting hands-on experience with the British star of the show.

News spread fast to the Consumer Electronics Show (CES) in Las Vegas in January. Final honours came when the computers appeared on the main news programme for nationwide TV network ABC, with a follow-up slot on a national talk show.

SET to Conquer



Psion has appointed a new distributor in

Australia - SET Technologies, who are tasked with developing a network of Value Added Resellers (VARs) down under, having demonstrated their technical expertise and knowledge of the Organiser range.

Over the last eighteen months SET Technologies has been working with the Organiser developing TOM, 'The Office Monitor'. This fully networked office system identifies and allocates all costs such as faxes, photocopies, phone calls and even hours worked, charging them to the appropriate client. It's ideal for use in the service industry and has been taken up by large corporate users such as Australia Post.

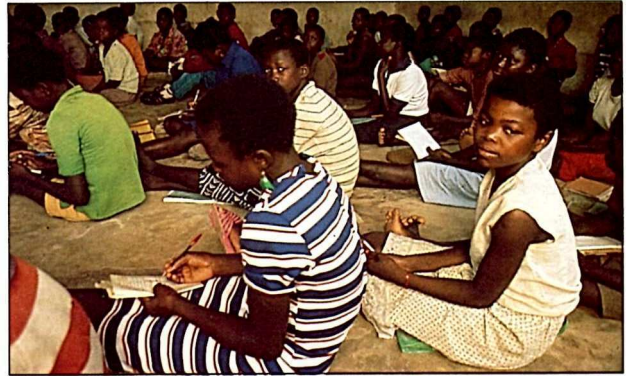
Over the next twelve months SET Technologies will be exploring distinct markets in Australia with the aim of linking with VARs to develop software, hardware and applications for the Psion range. Initially, SET will be looking at potential partners specialising in greatly varying markets. Mining has huge potential for portable data capture systems, capitalising on the fact that engineers in Australia spend most time away from their offices; and the leisure industry will open up opportunities for private pilot or small boats navigational software.

As Dennis Lewis, Sales and Marketing Manager at SET Technologies explains, "We are going to re-launch the Organiser into a market-place bursting with competition. But we have the edge as we invented the market, have the world's largest selling hand-held and have more hardware and software than any of our competitors.

Psion and SET Technologies also see a huge opportunity for the Mobile Computer range. As Dennis Lewis says "There is nothing in Australia to compare with the MC400. In a country of this size, long battery life is a real plus. Now it will be possible to travel right across the continent on one set of batteries".



Igaru - a lifeboat to the people



A new secondary school in Pebane

ActionAid in Mozambique

Psion is a member of the One Per Cent Club which means that we donate one per cent of profits to charity. Psion's chosen charity is ActionAid, the UK's fourth largest development agency.

This report looks at ActionAid's work in Mozambique, a country torn apart by civil war and facing special prob-

lems. Hundreds of thousands of displaced people or 'deslocados' have been left without homes, possessions or land on which to grow essential food.

Over 200,000 people are now crowded into accommodation centres. ActionAid's primary aims are to provide clothing, food and education for these people.

With many children among the deslocados, education is a priority. Mozambique is in danger of a whole sector of its population growing up without the benefit of education. In 1981, 51% of school-age children in the Pebane District attended primary schools. By 1989 this fell to 17% with only 45 out of 74 primary schools still functioning.

ActionAid is helping to rebuild and maintain the education system in the Pebane and Maganja districts of Zambesia province. Educational materials for almost 20,000 children and their teachers have been ordered. Reconstruction of 34 class-

rooms and other school buildings is underway, with rehabilitation of up to 20 more classrooms planned along with the installation of 82 blackboards before June.

A vital part of the programme is the transportation of materials as the war has made normal road transport impossible. Materials for Maganja are carried as part of emergency airlifts. Pebane's materials are brought by sea, primarily by ActionAid's large landing craft 'Igaru'.

Kanamuloguely is one child benefiting from ActionAid's work. He came with his mother and two other children to Pebane two years ago, when he was 7. Kanamuloguely did a year of schooling back home in Bajona in a bare classroom, sitting on the floor in crowded and hot conditions. He tells of his schooling in Pebane:

"It is very exciting. ActionAid came and repaired the school. Now we have a blackboard and reading and writing books. Also a pencil. The teacher has a book also. It is very hard and I am very hungry."

There is a great deal of work still to do at the accommodation centres. Children are hungry, eating small rations of maize meal and cassava leaves. They attend schools, which work in shifts, for only half the day.

With ActionAid's help, basic educational resources are being supplied. The schools hold the communities together with children, many with no families of their own, now having a focus for their lives.



Pebane school destroyed by bandits

MC News in brief

Many companies worldwide are already using the Psion MC to portray their links with the technology of the nineties. The MC range is featured in advertising campaigns and brochures of many multinational companies.

In the States Merrill Lynch, the American investment company, welcomed the nineties with a TV advertising campaign. They were keen to show their mass audience that they not only understood the issues and problems faced by the decade but also the opportunities offered. In demonstrating the advancement of technology, the MC was chosen to portray the 'state of the art'. Children were filmed using the MC400, whilst another shot featured sophisticated robotics.



Merrill Lynch



In its latest newsletter, Bayer was keen to show its contribution in supplying materials for the MC



range. Bayer provided the MC's mouldings, a contract it is particularly keen to let its corporate customers know about.



Another company Psion worked closely with in the MC project is featuring the Mobile Computer in a European trade campaign. Intel, the company which provided the MC's Flash memory, has used the range as the perfect example of how this advanced technology can be used successfully. With the MC range, Psion is the first user of this revolutionary new technology.



The recent 'Times Young Professionals Awards' for young lawyers presented the overall winner with the Psion

MC600 as first prize, recognising it as the ideal partner for the legal profession. Its portability, light, compact design and connectivity with other devices such as PCs, modems and printers will prove invaluable in pro-

Briefs, client records, case law – the information every lawyer needs at his fingertips can result in a mound of paperwork. Soon this may all change, with a new 'professional' joining the benches of the British Law Courts and the tap-tap of the keyboard becoming as familiar a sound as the judge's hammer.



Into the Ice Age

The Psion Organiser was an integral part of equipment used in a battle against the elements of the Arctic using

the latest technology. A project to assess the threat of melting polar-caps caused by the greenhouse effect, was carried out during 1989 by the Danish Geology Institute.

The expedition was sponsored, among others, by Psicom-Tech, Psion's Danish distributor. The Danish Geology Institute developed an 'Iceradar' to measure the depth and thickness of Glacial

Ice. The most important criteria in developing equipment was lightness and portability. The result was a system using a transmitter, receiver, Digital Storage Oscilloscope and a Psion Organiser II as a data storage facility.

So successful was the project in gaining greater knowledge about ice movements, that the equipment will be used again in Greenland.

Win an MC600!

As a reader and probably a user of Psion products, how familiar are you with what you perhaps use every day?

We've decided to test your observation skills on the ever increasing Psion range and have taken 6 photos of different Psion products at unusual angles. To win all you have to do is correctly identify the products featured.

With your name, address and daytime telephone number send your answers on a postcard to the Editor, Psion UK PLC, Freepost, London NW8 6YP. Overseas entries should be sent to the address on the back page. Judges' decision is final and all entries must be received by Friday 3rd August. Good luck!

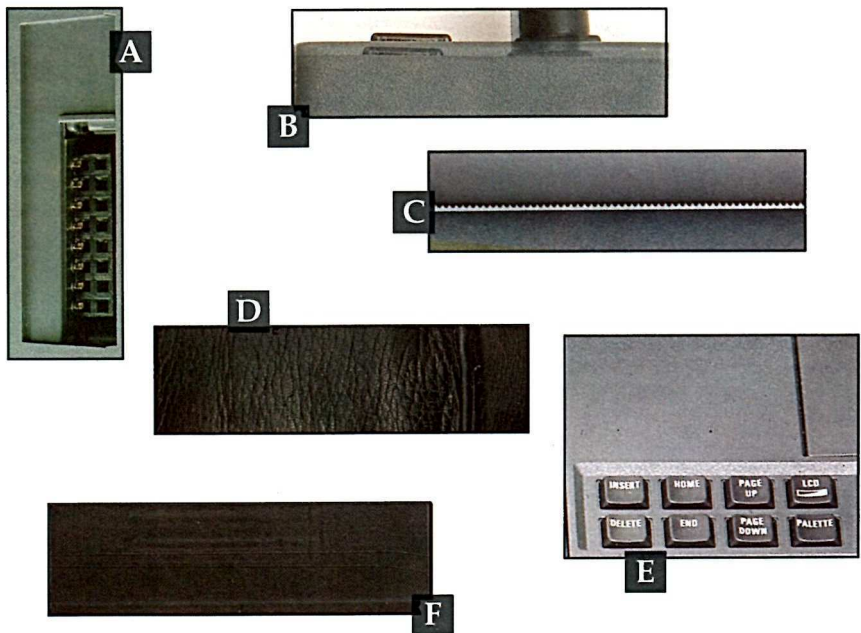
jecting the law profession into the 1990s.



The MC400 is the newest 'face' in the House of Commons, seen in the hands of Lord Young, the Deputy Chairman of the Conservative Party formerly responsible for technology at the DTI, who was at the front of the queue when the very first machines went on sale in December. He plans to use his MC400 to write his memoirs.



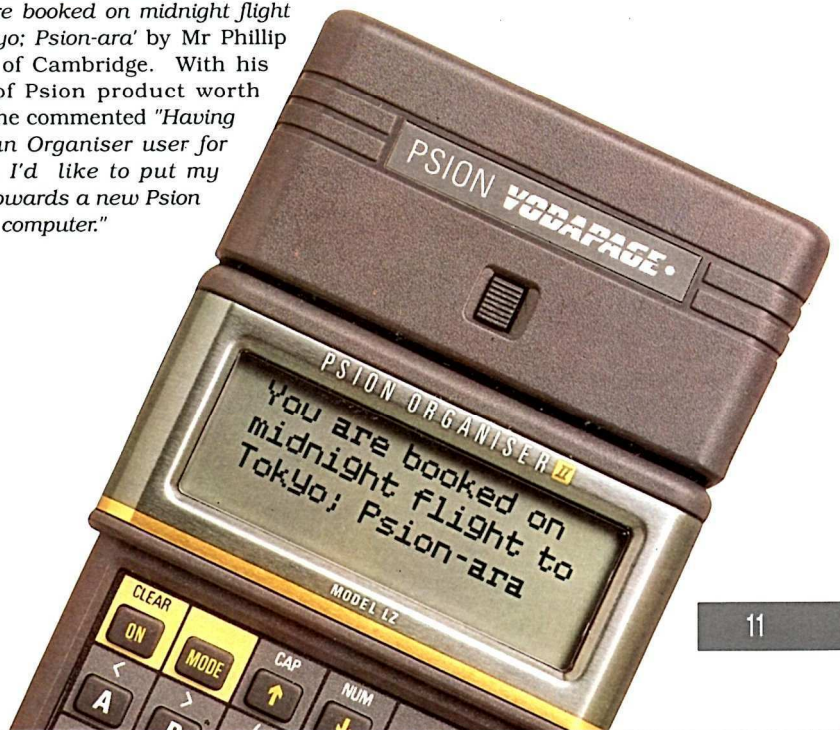
Lord Young - the mobile MP.



Pager Caption Winner

Creative and original thinking were required for last issue's competition in providing a caption for the Pager message. Though many varied suggestions were received, the winning entry was 'You are booked on midnight flight to Tokyo; Psion-ara' by Mr Phillip Smith of Cambridge. With his prize of Psion product worth £300, he commented "Having been an Organiser user for years, I'd like to put my prize towards a new Psion mobile computer."

One of the scientists on the expedition, commenting on Psion's role in the project commented, "The Organiser was chosen as the data storage medium because of its light weight and portability. It is simple to use, has a large storage capacity for such a small piece of equipment and is easy to program and transmit data to a PC. The Organiser was perfect for our project".



Did You See...?

The Organiser is becoming a showbiz celebrity, making regular appearances in top television and theatrical productions around the country.

"Capital City", the ITV soap about city wheeler-dealers, featured the Organiser as one of the essential tools in the high-pressured world of analysts and brokers.

The Organiser also popped up in the more leisurely setting of "Bergerac" in the 'Diplomatic Incident' episode which was about protecting a visit-

ing Diplomat from assassination on the island of Jersey.

Whacky comedienne Su Pollard, was 'organised' whilst playing her role as hostess of game show 'Take The Plunge'. Naturally, she was offered a Pson Organiser II for her trouble!

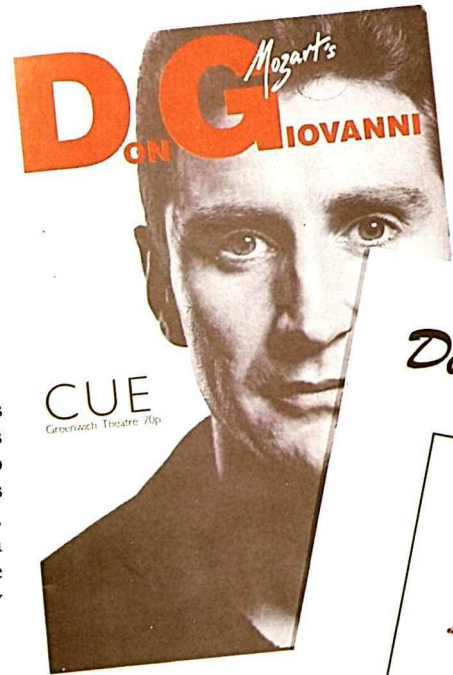
For those who missed these guest appearances, the best is still to come. All keen scafarers should watch the next series of "Howards Way" where the Organiser may be used by a key new character. Could this be a new rival to Charles Frere?

Alternatively, soap lovers will see the Organiser in "Dinas", the first urban-based Welsh soap opera. The new soap from S4C revolves around a tough ship-owning company and is expected to be a hit series in the principality.

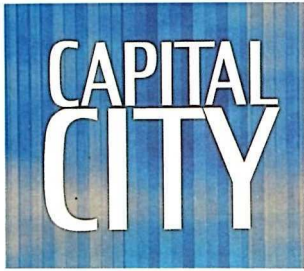
Switching to the theatre, the Organiser is treading the boards at the celebrated Greenwich Theatre. In a modern adaption of Mozart's "Don Giovanni", set in 1990's Docklands, the Organiser is used to list Don's hundreds of conquests. As Leporello puts it in the production, "You certainly know how to pull a bird" - an unusual tribute to the Organiser's impressive memory capacity.

The Organiser also made an appearance as an essential in the busy modern newsroom set of Jeffrey Archer's play, "Exclusive", which played to audiences at The Strand Theatre in London.

But the final accolade must surely be the Organiser's appearance in Scottish Opera's production of Strauss's "Die Fledermaus". Simon Callow's production switches its 1878 Viennese setting for that of Glasgow and its young middle class who operate its financial district. He aims to



"place it in the exciting, dangerous, socially complex and volatile modern city in which the audience lives". Playing to audiences at the Theatre Royal in Glasgow, followed by a national tour, the Organiser is probably faced with its most challenging theatrical role yet!



'Howard's Way' await a new crew member.

Aide Memoire

People often write and tell us how useful they find the Organiser as a memory jogger. Thumbing through the latest post, we think that Paul White and Mark Ripley exemplify this and show that uses of the Organiser are only limited by your imagination. Our congratulations to them both.

To keep the post flowing in, why not write and tell us about any unusual applications, or places in which you've seen the Organiser be it on TV, up in the Andes or even deep sea diving. If we publish your letter you can choose any Psion product worth up to fifty pounds... so drop us a line!

Dear Editor,

I know you are interested in hearing about new uses for the Psion Organiser II.

For many years I have suffered from a neurological condition which has left me somewhat amnesic. You cannot imagine how difficult it can be to organise your life when you have no immediate recall of things happening around you.

A year or so ago my GP suggested a Psion Organiser as a memory aid. Since then it has become invaluable and never leaves my side. I use it in its most simplest form ie. Diary, Alarm and Index, and find that even these basic devices solve many everyday problems and bring some semblance of order into my life again.

I sincerely believe that this device could be of great benefit to others in my situation if only they knew of it. Thank you for making my life a little easier.

Paul C White

Dear Editor,

Firstly thank you for the copy of Psion News 7, it was a nice surprise to find something pleasant had come through my letterbox yesterday among the brown envelopes.

As a disc-jockey I have for many years attempted to have a filing system for my many records. Systems used ranged from Artist/Alphabetical, Year Groups and even Music Types. But now I use The Harvester Data Organiser and five Datapaks (one each for the 80s, 70s, 60s, 50s and the last for older records such as The Big Bands of the 40s etc).

I've set up different fields such as:- title of the track; beats per minute (invaluable information for perfect mixing of records); type of music i.e. Rock, Pop, Dance etc; highest chart position (if any) and if on LP what side and which track.

The title of this file is TRAX for obvious reasons, and having had my Psion Organiser for 6 months I am still loading the information to this day and fear I may have to invest in more Datapaks shortly.

With some 13,500 tracks on records, and this figure increasing every week, I feel it may take more time than my book-keeping!

Mark Ripley



Book Wise

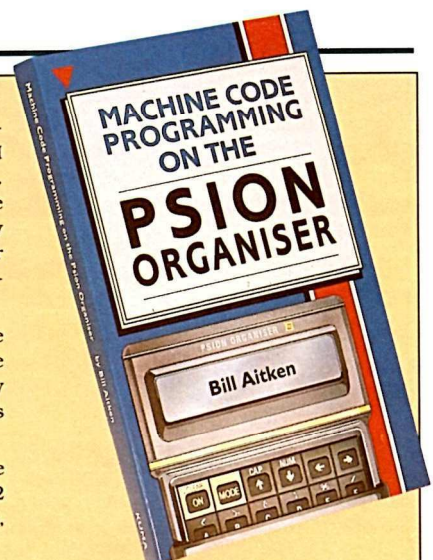
For Organiser enthusiasts, there are three new books. Meeting the demand for an introductory book covering the range of four line Organisers, the LZ and LZ64, in greater depth is 'The Psion Organiser II Deciphered' by Gill and Vic Gerhardt and Andy Berry. It is also a guide covering all Organiser II products and is available now.

By the same authors is 'The Psion Organiser II Communications Hand Book' concentrating on one of the Organiser's most important features-its links with the 'outside world'. An area which is often greatly misunder-

stood, it explains in detail the communication between the Organiser II and any device with an RS232 port. It also covers a range of compatible hardware and software produced by third parties to extend the Organiser II's capabilities. This book is available from June.

If you prefer to write in machine code rather than OPL, then 'Machine Code Programming on the Organiser II' by Bill Aitken is the book for you and is also available now.

These three new books are obtainable from Kuma Computers Ltd, 12 Horseshoe Park, Pangbourne, Berks, RG8 7JW. Tel: 0734 844335.



Back-up Supplied

The Psion Technical Support department provides a valuable technical service to all Psion customers. This includes individual and corporate customers, U.K. distributors, dealers and Value Added Resellers. They also support the worldwide network of international distributors and subsidiaries.

The department operates a Hot-Line telephone service for all users of Psion products between the hours of 10.00am and 4.30pm which is but one of their many support functions.

Besides taking about 2,500 calls a month, they also handle around 250 letters and faxes. John Phillips, the Psion Technical Support Manager comments: "The written word is an integral part of the Technical Support operation, as it's not always practical to solve problems on the phone."

Corporate Sales regularly include members of Support in meetings with customers in order to discuss the technical feasibility of planned systems or projects.

The provision of technical training and consultancy is a vital function of Support. Working alongside other Psion departments, Support has helped to develop more knowledgeable Psion distributors, dealers and VARs.

Sales demonstrations in the form of rolling demo software have been provided for use at retail outlets and at computer shows, so that product demonstrations are automatically available.

Support are very conscious of the need to maintain the quality within the continually increasing Psion product range. For this reason they are actively involved in the testing and quality assurance procedures that surround the launch and maintenance of Psion products.

John Phillips concludes: "The role of Technical Support covers a myriad of Psion business and goes far beyond the commonly perceived misconception of a talking manual service."



Roll call for the Support team.

Monitoring & Controlling the Outside World

Monitoring, logging and the controlling of equipment is an everyday function in industries as varied as brewing, hospitals, food manufacture, laboratories and research or even quality control.

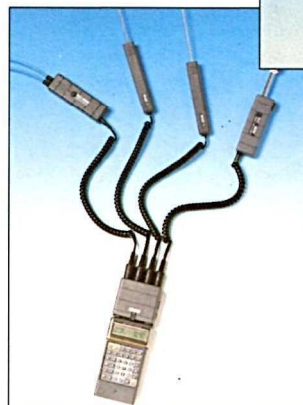
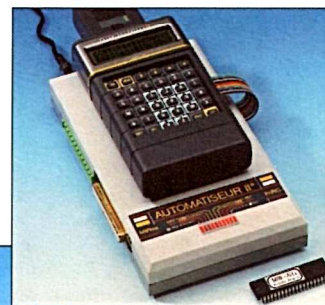
Now Digitron Instrumentation and MIW have each produced new products (a combination of hardware and software), which when linked to a Psion Organiser can be used for just such a purpose.

Digitron's versatile multichannel logger, with four independent channels can be used to measure temperature, pressure, relative humidity and voltage. It can be programmed to log at

intervals between one second and fifteen days using OPL.

Incidentally, this product won an award as "the most innovative, complete industrial sensing system".

Automatiseur II will not only monitor, but also control equipment. It is configured with eight input and eight output lines and can be operated via OPL or directly configured from the Organiser keypad and screen.



MIW are keen for others to use the technology, and will negotiate licence agreements, for further information contact MIW in Paris on 33.-1 -42-00-99-75.

Receiving files from a PC

One of the most common requests that we get from users of the Psion Comms Link, is how to receive files back to the Organiser after they have been sent to a PC using the SENDALL: program which appears in the Comms Link manual. Thus we have come up with this small program.

It's assumed that the files are held in a directory on the PC called, "C:\back-up\", although this can be easily altered. As with SENDALL: the CL software must be running before the program is used.

User Groups

Two new Psion User Groups have been set up to cater for the European market and to meet the growing interest in the new Mobile Computer range.

The Independent Psion Mobile Computer User Group (IPMC) has been established by computer consultant Kevin Holloway. The Group produce a monthly newsletter, covering hardware, peripherals and software for the MC range and will provide a full information service including programming hints and tips. The first newsletter was released in March.

Western Europe has become a particularly strong market for Psion, and the IPSO newsletter is finding an enthusiastic audience. A multi-lingual Organiser User Group based in Switzerland has emerged and will translate the IPSO newsletter into French and German.

For further details contact: Kevin Holloway, IPMC, HB Consultants, 4 Hoestock Road, Sawbridgeworth, Herts, CM21 ODY. Tel: 0279 600430

Peter Gaechter, Cursor On, 34 Pl Bourg de Four, 1204 Geneve, Switzerland.

```

RECVALL:

local orgname$(10),file$(100,20),b$(4),type%,count%,end%,point%
REM
REM ***** MODEL LZ ONLY *****
REM
count%=1
REM
REM ***** open the directory c:/backup/ *****
REM
xfopen("c:/backup/*.*",0,2) :REM ***** read only/directory *****
REM
REM ***** read in file name from directory *****
REM
while not xfeof:
    file$(count%)=xfget$(255)
    count%=count%+1
endwh
REM
end%=count%
REM
count%=1
REM
REM ***** adjust type of file to receive *****
REM
while count%<>(end%-1)
    b$=right$(file$(count%),4)
    if b$=".ODB"
        type%=0
    elseif b$=".OPL"
        type%=1
    elseif b$=".OB2"
        type%=2
    elseif b$=".OB3"
        type%=3
    elseif b$=".OB4"
        type%=4
    elseif b$=".OB5"
        type%=5
    elseif b$=".OB6"
        type%=6
    elseif b$=".OB7"
        type%=7
    endif
    point%=loc(file$(count%),".")
    print "receive",file$(count%)
REM
REM ***** Cut off extension and XTRECV file *****
REM
orgname%=mid$(file$(count%),1,point%-1)
file$(count%)="c:\back-up\"+mid$(file$(count%),1,point%-1)
xtrecv:(file$(count%),orgname$,type%)
count%=count%+1
REM
REM ***** Do it again until end of the directory *****
REM
endwh
REM
cls :print "Job done"
get
    
```

Organiser Based Assembler Debugger

A new Assembler-Debugger program has been written to run on the Psion Organiser, for the first time. It is ideal for beginners and experienced assembler programs on the move or without access to the PC-based Assembler-Debugger. For a long time this PC version has been the only practical way of writing long Assembler routines for the Organiser - a comprehensive, but complicated option.

It also provides a useful introduction to the Organiser and its machine language. It has been written by Rik Van Hauwe and runs on the Organiser XP and LZ models. The programs are menu-driven and all the relevant routines support the use of a printer.

It is available from: Transform Ltd, 7c Station Approach, Hayes, Kent BR2 7EQ. Tel: 01-462 4666

Licensed software

To enable users to run industry standard DOS based software, Psion will licence a full range of Industry standard application software packages including a Word Processor, Spreadsheet and Database from other companies, which will be available on Solid State Disks.

Solid State Disk Drive

To make the transfer of files and programs from Solid State Disk to your PC even easier, an External Solid State Disk Drive has been developed which will take up to four SSDs at once. To take the concept one stage further, once you return to your PC you can plug SSD's directly into it via the Internal Solid State Disk Drive, which fits into the casing of your hard disk.

An alternative method of file transfer is to use the Fast Serial Link which will transfer files to and from the PC at access speeds comparable to a conventional hard disk?



3.5" Floppy Disk Drive

For users to run their existing software they can either load the software programs directly onto the Mobile Computer via Laplink or alternatively plug the MC600 into the 3.5" Disk Drive. This compact mains or battery driven, 1.44 Mbyte disk drive in the same smart grey livery as the machine enables software to be transferred directly into the MC600. (A 3.5" disk drive for the Graphic Interface range will also be available).

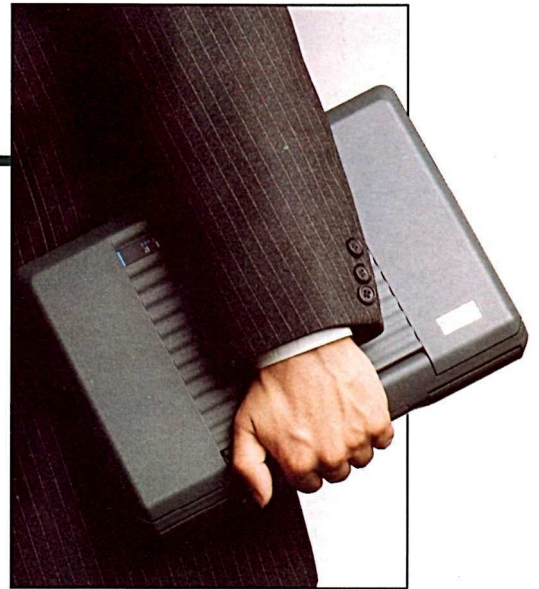
MCs for Overseas

The concept of computers as mobile and versatile as we are is not just confined to Britain, but extends worldwide.

To meet the demand of our export markets Psion have customised the new MC400 to produce a range of machines that will work in many of the key languages of the world.

Through modifications to the interface and/or the keyboards, machines for French, German, Italian, Spanish, Swedish, Danish and Finnish speaking nations have been developed.

As Steve Rogers, Mobile Computer



Business Manager explained; "These modifications mean that we are able to produce German interface machines with either French or German keyboards that can then be used in Switzerland, Germany or Austria. This flexibility ensures that we can produce products to suit the needs of users in over forty countries throughout the world without the need to carry multiple variants of everything."

Psion News is published three times a year by Psion PLC.

All correspondence should be addressed to:

The Editor
Psion News
Alexander House
85 Frampton Street
London
NW8 8NQ

Phone numbers:

Alexander House 071-262-5580
Technical Support 071-262-8188
10am - 4.30pm

Psion Inc 203 274 7521
Psion GmbH 61 723 7098
Psion BV 2 503 21444
Dacom Limited 0908 261686
Circulation 110,000

Psion News is produced in conjunction with Charles Barker Lyons

Designed by Smith Ward Studios

Printed by Raithby Lawrence

PSION

news supplement

A selection of the latest products and applications produced by Independent Developers for the Psion Organiser II range of products.*

Perfect Printing

Everything we buy be it a carton of orange juice or a ticket to Barbados, is printed with information such as barcodes, sell-by dates, product codes and prices.

Linx Printing Technologies Ltd., specialists in this type of printing selected the Psion Organiser as a compact and easy to operate input and diagnostic tool for their range of continuous ink jet printers.

Linx in conjunction with Psion developed an interface and software to link the Organiser to the ink jet printer. This is used to monitor and control variables such as character size, number of lines of print, material on which to print and print speed, and has reduced the need for time consuming manual adjustments and set up.



"Linx-up" with an Organiser

Not only does the Organiser act as an input device to control the printer, it also performs the role of "trouble - shooter". If a problem occurs during production, the operator is able to perform a series of basic checks on the printer, ink flow, etc, to determine what the problem may be and how it can be rectified. This simple diagnostic control system can check over 50

performance factors thereby reducing downtime and the need for constant servicing.

For further information contact:-

Linx Printing Technologies Ltd,
Burrell Road, St. Ives,
Huntingdon, Cambs.
Tel:- (0480) 300755.
Fax: (0480) 495093

Psion Conference on CIX

There is now an alternative way to stay in touch with other Organiser and MC users.

The Compulink Information eXchange (or CIX for short) is a computer conferencing system, allowing people to work and discuss matters anywhere and at anytime. You can call up CIX 24 hours a day, and leave messages for specific individuals or in general discussion areas. There are literally 100s of discussion areas, or conferences and thousands of users.

The PSION conference currently has conference topics for the Organiser and MC such as add-ons, applications and even a "wishlist".

If you want to give it a try, new users registering with CIX who type PSIONEWS at the "special code" prompt will receive a £5.00 discount on the registration charge. The numbers to call are 081-390-1244 or 081-399-5252, and your communication software should be set to 8 bits/1 stop bit/no parity. You can use a v21, v22, v23 or v22bis modem. Once registered you are charged for the time you are connected to CIX.

* Psion UK PLC have not seen or reviewed all the products listed here, and therefore cannot warrant their performance in any way.

Calling all Users

Finding telephone numbers is easy on an Organiser, now so is dialling them by using the DTMF Dialler from Transform Ltd.



This neat, compact unit fits into the top slot of the Organiser. When this is held close to a telephone it generates the tones of a modern digital telephone which are passed straight to the exchange (which must be digital).

For ease of use you can set up your own filing system of phone and fax numbers, categorised in up to 300 separate databases which the Dialler will support. Alternatively it will access any existing database files on an Organiser or Datapaks. What's more the Dialler has a last number redial facility, and will support both BT and Mercury systems.

With the spread of home banking services what could be easier than using the Dialler to set up one or more transactions and then when it is convenient make the transfer, secure in the knowledge that it will be sent without error. If regular monthly transactions are made, these can be stored and carried out each month at the touch of a button.

For further information contact: Transform Ltd, 7c Station Approach, Hayes, Kent. Tel: 071-462-4666

Latest Releases of Third Party Products

Industry

Name	Product	Description
Howard Humphreys & Partners Ltd. Thorncroft Manor Dorking Rd, Leatherhead Surrey, KT22 8JB Tel: 0372-376190	ROADRUNNER	Cost effective highway management system that utilises the Psion Organiser for Data Collection.
Instrumentation Technologies Autotech Bldg, Dominion Rd Bournemouth, BH11 8LH Tel: 0202-593005	Integrated Data Acquisition System (IDAS)	Data logging system for civil engineering environmental and similar industries.
Quality Technical Services 55 Ridgacre Lane, Quinton Birmingham, B32 1EL Tel: 021-422-0941	Hearing Protector Selector Add-man	Calculates attenuated sound levels on a library of hearing protectors. Stores/sorts addresses on IBM PC in correct format for downloading to Organiser.
Rathe & Demus Bahnhofstrasse 29, D-6302 Lich 1, W. Germany Tel: 06404-45-33	FRESH-Utility	Fast 'update' of sorted records without destruction of file structures (replaces OPL-command 'update').
Data Acquisition & Technical Analysis Ltd 9 Bridge St, Aberdeen Tel: 0224-599180	Dataunit	Dimensional analysis based package permitting conversions between complex user defined units.

Consumer

Name	Product	Description
BroadOak Computing Ltd PO Box 366, London WC2E 9SQ Tel: 071-836-7460	Games	Anagrams, Magic, Nim, Roulette and Poker Dice.
Datworks, 4 The Chequers Hills Rd, Buckhurst Hill IG9 5RH, Tel: 0860-441108	London Exchange Update	Auto update of Datapaks with new London exchange prefix codes.
Mackay Language Software 41 Kensington High Street London, W8 5ED Tel: 071-937-2077	French Prapak Attendance Pack Morse Prapak	Conversation Phrase Book with sentence assembler & number translator. Client arrival and departure dates processed to see who is - or will be - with you. Full-featured tuition and practice system for Amateur Radio users.
Monad International Ltd 42 Laburnum Rd, Chertsey Surrey, KT16 8BY Tel: 0932-565035	Easy-writing	Write fast on the Organiser using this revolutionary new technique.
Mr. I. Whitaker 1 Charlotte St, Chapletown Turton, Bolton, BL7 0ES Tel: 0204-852409	Astronomy Software	Astronomy on your Organiser. Celestial object database and positional calculations.
Pilotage Software Ashleigh Market Place Tetney, Grimsby S. Humbs, DN36 5NN Tel: 0472-814701	TIDESXP, TIDESLZ, PILOT	Tidal height computations, using Admiralty method NP159. General Pilotage routines.

PSION

special offer

Save £5 on the new Thesaurus and Spelling Checker

The Thesaurus and Spelling Checker is the latest addition to the Psion Organiser II range of software. It ensures perfect spelling every time, finds elusive words and can even solve anagrams for puzzle enthusiasts.

When added to your Organiser it's a quick, easy to use and portable aid to anyone writing letters, reports, essays or any other general correspondence.

Now at the special offer price of only £44.95, you can take advantage of this pack and get the most from your Organiser.

All you have to do is either

complete the special Psion News Reader £5.00 Voucher and send it to Psion UK PLC at the address below, or phone us on 071-262-5580.

On the one pack you'll find:-

- **Spelling Checker** - checks your spelling of 100,000 words. Optionally finds words that sound similar or accepts "wild cards" to locate the correct spelling even when guesses with missing letters are tapped in. Names, places and abbreviations are included.
- **Thesaurus** - 660,000 synonyms to help locate elusive words. Words are listed in groups with similar meaning.
- **Anagram Solver** - jumbled letters are unscrambled to find correctly spelt words with the same letters.
- **User Dictionary** - a facility to enable you to add your own words to the Spelling Checker.
- **Full OPL Interface** - enables users to write programs that access all the functions described above.

P.S. Hundreds of software, hardware and peripheral products are now available for the Psion Organiser II, so ring our sales office on 071-262-5580 for your free copy of the new 48 page Psion User Catalogue.

SAVE £5 on the Thesaurus and Spelling Checker plus free post and packing

Please complete and return to:- Psion UK Sales, Psion UK PLC, 85 Frampton Street London, NW8 8NQ.

Please send me at £44.95 inclusive of VAT and FREE postage and packing.

Select Method of Payment:-

I enclose a cheque for £ _____ made payable to Psion UK PLC.

Please debit my Credit Card Account for the sum of £ _____ Card type _____
Expiry Date _____

Name _____ Telephone Number (Day Time) _____

Address _____

Postcode _____ Signature _____

Please allow up to 28 days for delivery. Offer expires on 30th September 1990.

MOBILE COMPUTER UPDATE

May 1990

new releases

- **MC600 Fully PC Compatible
Mobile Computer (MS DOS 3.22)**
- **MC200 Graphic Interface Model
for only £595.00**
- **Spreadsheet for the MC400/200**
- **Flash Memory DOUBLES in
Capacity**



U C = DC =
P S I O N

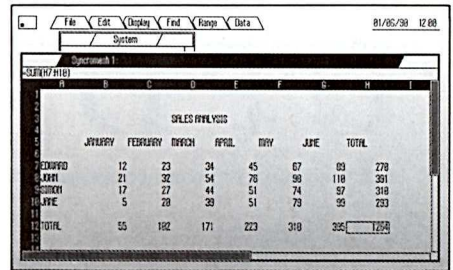
Product News

The Mobile Computer Range continues to develop and expand, so now users have a choice of two ranges each with a full complement of software and peripherals. This Mobile Computer Update brings news of these latest product releases and their availability.

The most recent release is the MC600, a fully PC compatible Mobile Computer with MS DOS 3.22. This will be closely followed by the MC200 in June, offering a fully featured Graphics Interface Mobile Computer for only £595.00.

Solid State Disks (SSDs) double in capacity to 1Mbyte and can now be plugged directly into your Desktop PC using the new SSD Drive. Combine this with the 3.5" floppy Disk Drive and you have the

facility to use either conventional floppy disks or the new Solid State Disks on both your MC and a PC. Finally, the MC Quad modem comes on line in July.

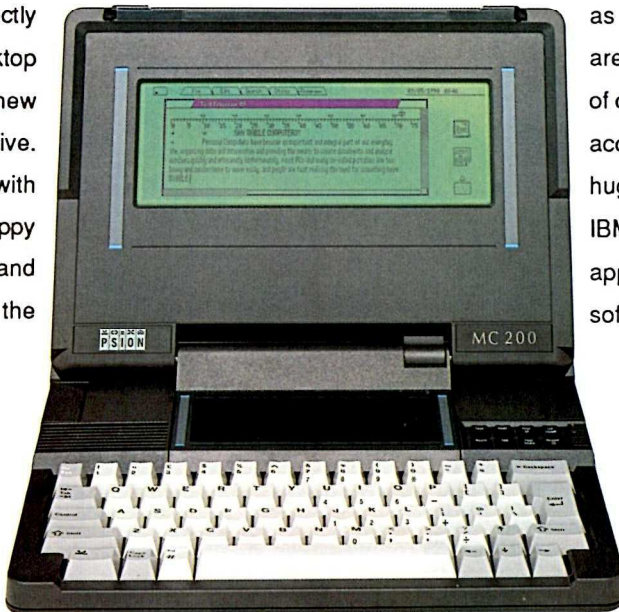


The screenshot shows a spreadsheet window titled 'System' with a menu bar (File, Edit, Display, Find, Range, Data) and a date/time display (01/05/88 12:00). The spreadsheet content is as follows:

	A	B	C	D	E	F	G	H	I
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL		
QUARTER	12	23	34	45	67	89	278		
Q1	21	32	54	78	99	118	391		
Q2	17	27	44	51	74	87	310		
Q3	5	28	39	51	79	95	233		
TOTAL	55	102	171	223	310	395	1256		

On the software front, the Graphic Interface Range gains a Spreadsheet which is Lotus 123 compatible. Combine this with the built-in text processor, database, and communication software and the MC now addresses all the conventional uses of computers and yet is

as mobile as you are. The MC600, of course, has full access to the huge library of IBM PC and DOS application software.



In Brief

- **MC600**, a fully PC compatible Mobile Computer, available from dealers and retailers from the end of May.
- **MC200**, the lowest priced model in the MC range at £595.00, is released in June and should be readily available through dealers and retailers from July.
- **1 Mbyte Flash Solid State Disks**, become available during July (for all MC models).
- **MC Spreadsheet**, compatible with Lotus 123, for the MC200 and 400, will be released at the end of June.
- **3.5" Floppy Disk Drive** - battery or mains powered, available June.



- **SSD Drive** for your PC, available in July (either mounted in your PC or as an external peripheral), acts like a 5.25" or 3.5" disk drive.
- **Quad MODEM** for all MC models offering V21, V22, V23bis, V23 and full MNP 5 error correction, contained in a MC expansion module which fits flush inside the MC case will be available from July.



Price List and Availability

Graphic Interface Range

MC200	£ 595.00	June
MC400	£ 845.00	Now

PC Compatible Range

MC600	£ 1495.00	June
-------	-----------	------

Memory and Application Software

Flash 128K	£69.00	Now
Flash 256K	£ 115.00	Now
Flash 512K	£ 195.00	Now
Flash 1 Mbyte	£ 345.00	July
Ram 64K	£ 59.00	Now
Ram 128K	£ 99.00	Now
Ram 512K	£ 295.00	Now
Spreadsheet (GI Range only)	£ 99.00	July

Expansion Modules

Quad Modem (UK)	£ 395.00	July
Voice Processor (GI Range only)	£ 99.00	September
Comms 2 Port (PC Range)	£ 69.00	June
RS232/BCR/MCR	£ 89.00	June

Peripherals

External 3.5" Disk Drive (PC Range)	£ 195.00	June
External 3.5" Disk Drive (GI Range)	£ 195.00	September
Fast Serial	£ 79.00	September
External SSD Drive for PCs	£ 79.00	July
Internal SSD Drive and Card for PCs	£ 189.00	July

Cables and Accessories

UK Mains Adaptor	£ 15.00	Now
Nicad Battery Cartridge (600 MAH)	£ 25.00	Now
Blank Battery Cartridge (Alkaline)	£ 7.50	Now
MC Case	£ 49.00	Now
MC Traveller Case	£ 79.00	Now
Serial IBM AT, Serial IBM XT, Apple MAC, Serial Printer Parallel/Centronics (Printer), Multi Adaptor (modem)	£ 12.50	Now
CGA Cable (PC Range only)	£ 12.50	June
Fast Serial	£ 12.50	July

All prices are exclusive of VAT

**PSION UK PLC, Alexander House, 85 Frampton Street,
London, NW8 8NQ. Tel: 071 262 5580. Fax: 071 402 3144.**

Psion reserve the right to change designs and specifications without prior notice.
Psion and the logo are registered trademarks, and "Psion Mobile Computer" and "Psion MC" are
trademarks of Psion PLC. Lotus 123 is a trademark of the Lotus Development Corporation.

