PSION NEWS

Issue 2 Autumn 1987

Developer brings PC power to OPL

The Developer is a new addition to the Psion Organiser II range.

You can now put an Organiser II inside a desktop PC. At least that's the theory behind Psion's new Organiser Developer software for IBM-compatible desktop personal computers.

The Organiser Developer is an Organiser II software 'emulator' which runs on all true PC-compatibles and allows the user to carry out all the programming and operations normally associated with the Organiser – but on a full-size CRT screen. It reproduces all the Organiser II functions – even down to the diary and alarm facilities – on the PC.

This emulator makes it easier and quicker to use a PC to develop Organiser software. It offers the convenience of creating and testing entire OPL (Organiser Programming Language) software programs on a PC, before transferring them to an Organiser II using Psion's Comms Link.

'We see a big demand for this product coming from all sectors,' says Psion's founder and chairman Dr David Potter. 'A lot of what we are doing is to encourage the development of software and peripherals by other people in the marketplace. With products like the Organiser Developer, we are making the tools available for others to do that.'

In emulation mode, the Organiser Developer provides a complete replica of the Organiser II – use of the Organiser menus, scrolling, printing and Datapak handling (with some of the PC's RAM standing in for the Datapaks) – but with the advantage of a full-size QWERTY keyboard and a built-in screen editor.

The Developer also stores procedures in MS-DOS files on disk. Using the new Psion Comms Link, finished software can then be transferred to more permanent storage in the Organiser's Datapaks, or into its internal memory for immediate use.

Dr Potter predicts that the Organiser Developer will fuel the further growth of Organiser applications – particularly with specialised applications. 'The range of uses for the Organiser II is so wide; systems houses, data-processing departments, value-added resellers, hackers, software houses and various experts in whatever field can develop software using the Organiser Developer and then sell it,' he says.

By the end of 1987, current estimates suggest there will be an installed base of more than 140,000 units and during 1988 more than 300,000 units.

'There is a critical mass level where the volume of units justifies the endeavours of third parties,' Dr Potter says. 'We think the Organiser II has reached that point and we want to encourage them (the third parties).'

For more details on both the Organiser Developer and the Comms Link package, see page 5.

Datapak prices cut by up to 40%

More memory for less money.

You can now get more memory for your Organiser for less money. Prices on 64K and 128K Datapaks for the Organiser II have been slashed by as much as 40 per cent (depending on which country you buy them in).

The price reductions have been planned for some time, according to Psion's founder and chairman Dr David Potter. 'The machine has been designed to take advantage of future silicon – that's what an architecture is all about,' he says. 'It's quite dramatic what has happened in the past year.

The silicon involved in all those packs – when we first released them – were post-prototype, in early production and thus expensive. As they moved into volume levels, so we are able to get better prices.'

Another beneficiary of the falling cost of memory is the top-of-the-line Organiser II XP model, which from July 1 has been offered in the UK with 32K of internal RAM – twice what the previous model offered. Despite this memory increase, however, the UK price will stay the same.

And the final bit of good news for memory-hungry Organiser users is the release of the 32K Rampak – offering fast, erasable mass storage for the Organiser II.

This battery-powered Rampak is best-used to store information that you want .to change or often delete – as the battery-backed design means that you can erase information as often as you like without using an ultra-violet eraser. Writing to a Rampak is also faster and it draws very little power from the Organiser II.

Organiser II in Sweden

New applications for Psion products – in particular the Organiser II – are coming to light almost daily, with users from Brazil to Sweden finding different ways of using them.

This issue's product application stories start in Sweden, where Stralfors System AB – a major Swedish company specialising in paper products, printing and labels – is using the Organiser II as part of its barcode inventory system for retailers.

Stralfors makes barcode-readable labels (containing pricing and stock information) for shops, so having the Organiser II as a small barcode reader for this type of work is obviously a greater incentive for companies to buy the labelling systems.

Meanwhile, a major Swedish retailer has taken on-board the Organiser II for use as a credit card validation system – in much the same way as Marks and Spencer use the Organiser II in the United Kingdom.

The deal has been arranged by Psitronic (Psion's Swedish distributors) with the Organiser II providing an alternative to scanning through lists of thousands of invalid credit card numbers in tiny print.

A magnetic card reader (which 'reads' the card number and details from the magnetic strip on the back of the card) is attached to the Organiser II and checks the number against its own stored list (which is updated regularly with the help of Psitronic) of invalid credit card numbers.

This is a major breakthrough as the retail company concerned held a database of some 60,000 invalid credit card numbers – with up to 17 different types of information held about each card. Until the Organiser came along, the company was holding this information on 1 Mb (1024K) of IBM PC hard disk space.

Psitronic worked with the store to compact the data down to a form which would fit inside two 128K Datapaks on the Organiser II – using machine code software and some very heavy-duty data compaction techniques.

Nearby in Finland, the Organiser II has moved into the wilds. Finnish foresters are finding the Organiser II a valuable tool for calculating the amount of timber which a given amount of forest land can yield.

The estimated height and trunk

In Finland, the Organiser II is used to calculate the amount of timber in forests.

circumference of the tree – along with other necessary details – are fed into the Organiser, which yields a monetary value for the tree.

The cost of wool in New Zealand

At the opposite end of the globe in New Zealand, they are using the Organiser to put a dollar value on sheep. Information about the quality and length of wool, plus the length and weight of sheep is fed into the Organiser and a market value derived.

One of the proponents of this Organiser application is New Zealand farmer David Bryce, who uses the Organiser in conjunction with his animal weighing equipment.

David and computer programmer Lindsay Wright have been working to perfect this system so that they can not only enter the information into the Organiser, but also obtain the valuation automatically.

The idea is to have an RS-232 link between the weighing machine and the Organiser so that when the animal is weighed and measured, the information will be fed instantly to the Organiser and a value derived.

Even further afield, the Organiser II has been doing its bit for scientific research and education – featuring on a recent Royal Geographical Society expedition to Brazil, as a portable data collection device.

According to Psion's founder and chairman Dr David Potter, the Organiser II's trip abroad began when a professor associated with the Royal Geographical Society wrote to him saying that Bristol University had a major study of the Amazon River underway. They were using BBC Micros at the base camp as data collection devices, but have been testing the Organiser II for this job as it would be much easier to use and carry.

Dr Potter assured the expedition that the Organiser II was designed to operate in the humid temperatures they would be experiencing in the jungle and volunteered to help subsidize the project – which has been set up jointly by Bristol University and the Royal Geographical Society.

The idea of the project is to study the environment of a particular section of the jungle – which is one of the few of its type left in the world. The group will also be assessing the impact of environmental problems on the area and using the Organiser II to record details of local flora and fauna.

The Royal Geographical Society uses the Organiser II in Brazil's jungles.

JHP trains PC-Four users

While the Organiser II scores big successes abroad, Psion's PC-Four integrated software applications package is being used a little closer to home in an effort to assist the country's unemployment woes.

JHP Training Limited, a national professional training company, is standardising on PC-Four for its series of YTS and JTS courses throughout the country.

The company was established in 1983 by Mr Hugh Pitman and has become the country's largest company in the field of commercial training, with the widest geographical coverage. There are learning centres in 30 cities and towns throughout the UK which train more than 5,000 people annually.

PC-Four is being used to train both YTS students and adults for computer literacy in database management, financial modelling using spreadsheets and word-processing on IBM-compatible computers.

According to JHP Operations Manager Mr David Damsell, the Psion software was selected because of its power and price. 'We evaluated several software products on the market and chose PC-Four because it proved to be the most economical and comprehensive software package for our particular needs,' he explains.

All the company's centres have recently started training programs using PC-Four and JHP wishes to make it known that it also plans to offer training to any PC-Four users that request such a service. For more details, contact JHP Training at 345 Foleshill Road, Coventry CV6 5AW or telephone (0203) 667891.

PC-Four support

Also on the PC-Four support front, Hertfordshire-based training and consultancy firm Softa and Co. is now offering a new support contract for PC-Four users.

Softa and Co. is an independent company of computer professionals and accountants, who currently provide training and implementation of tailored systems to customers using Xchange and PC-Four. For more information, contact Softa and Co., telephone (0727) 63234.

PC-Four is used to train YTS trainees in the use of computers.

Easier analysis with LIMS

The Organiser II has been spending some time in science laboratories these days as an adjunct to the VG Instrument Group's laboratory information system (LIMS).

VG's Multichrom chromotography data system runs on a range of DEC computers and the IBM PC and includes a modular instrument management software package. Part of that software application is called the Instrument Server, which allows analytical instruments such as balances, pH meters, integrators and spectrophotometers to be connected to the system's database.

A new feature of the system is that Organiser IIs can now be connected to it to provide low-cost data display terminals in the laboratories. An Organiser II and bar code reader may be attached to the VG Instrument Server for each analytical instrument – thus reducing the kinds of identification and transcription errors which can occur when results are taken down by hand and then keyed into the computer.

Once entered in the Organiser II, the data can then be transferred to a minicomputer such as a DEC VAX – thus making the system suitable for applications such as environment monitoring, water sampling, pharmaceuticals and chemical testing.
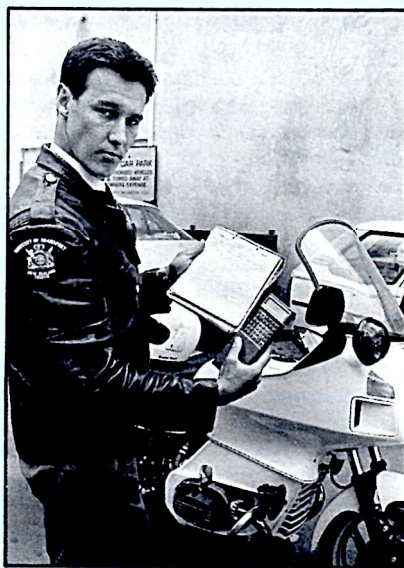
Organiser IIs in New Zealand

The Organiser II may not look like much of a law enforcement officer, but in New Zealand it could make your day. The country's Ministry of Transport has been using the Organiser II as a replacement for the traffic officer's notebook and pencil in recent tests 'down under'.

New Zealand traffic officers are required to record their day's events and statistics into diaries – which until recently was carried out by hand. But this recording process is actually carried out by listing the days events as a series of 'codes' - each representing a type of event at which the officer was required to attend.

The officers normally record these codes in their notebooks, which are then transcribed onto a central computer for later analysis. However, this method is prone to errors created by the need to write quickly and the occasional difficulties in reading handwriting. Further, manual entry of this information into their main computer system is not time-efficient or cost-effective.

Using the Organiser II, the officer can input the information directly into the handheld computer and then send that information back to the central computer via a modem. Alternatively,

New Zealand Traffic Officers reduce paperwork.

officers can hand in Datapaks containing their diaries when they finish work.

The work with the Department of Transport in Wellington, New Zealand, is part of a pilot project arranged by Psion's New Zealand distributor Leatham Electronics Ltd., which has gained a lot of interest for the product.

Users in New Zealand who wish to know more about the Organiser or the project can contact Leatham Electronics directly in Wellington at 58 Kent Terrace, PO Box 1284, Wellington, New Zealand.

Developer brings the Organiser to your PC

Software for the Organiser II can now be written and developed on an IBM PC or compatible personal computer using the new Organiser Developer package from Psion.

Using this new package, you can fully emulate all the functions and operations of an Organiser II using the processor, screen and keyboard of an IBM PC or any true PC-compatible. It will be an essential development tool for anyone who owns a PC and wants an easier way of creating and testing applications for the Organiser II. It is also a low-cost method of applications development, as the entire Developer package costs less than half the price of the basic Organiser II model.

The Developer not only allows you to simulate the entire operation of the Organiser II on the PC, but also allows the creation and testing of entire OPL (Organiser Programming Language) software programs on a PC before transferring them to an Organiser II using Psion's Comms Link.

There are really three significant things about the Organiser Developer. They are:

The large screen editor – using the Organiser Developer, you now have a proper full-scale editor with the PC keyboard, multiple windows, cut and paste facilities – and a real text editor, all of which can't fit on your Organiser.

Full debugging facilities – Organiser Developer gives you full source-level debugging facilities which you don't get on the Organiser itself. You can see where you are in a program and trace break points. You will find that it is as sophisticated as the most advanced source-level debuggers around.
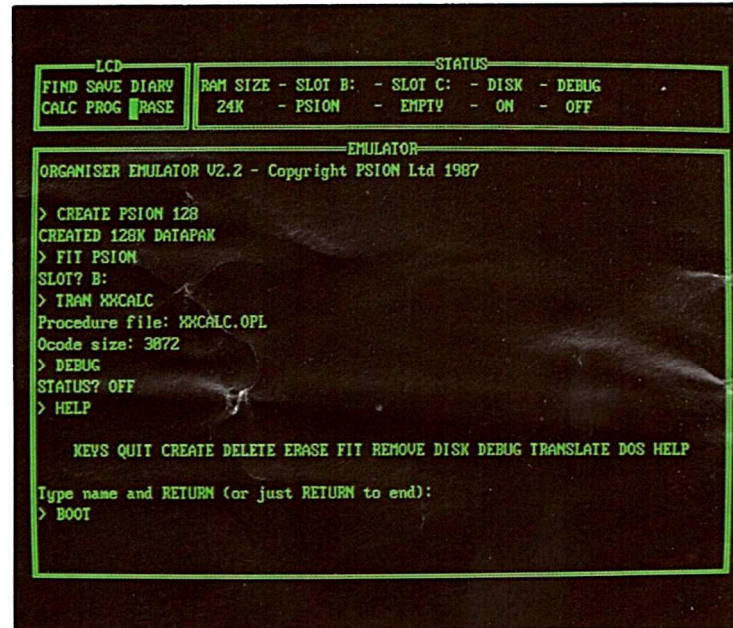
Powerful utilities – the first of these is the translator, which will compile many OPL procedures in one pass. Typing 'OPLTRAN @LIST' will translate all the files listed in LIST. TRN. Object only can be requested as an option. The translator can generate objects for the Developer or the Organiser II.

BLDPACK is a utility which will allow any mixture of text files, procedure files, binary files and machine code files to be concatenated into one singal Datapak image. This image is suitable for use with the Developer or for making Datapaks on the Organiser II itself. This utility provides the means to place programs, data and machine code onto a single Datapak. Control of the exact sequence of operations performed by BLDPACK is provided by an input parameter file.

MAKE is a utility which, using COMMS Link, will allow a Datapak image created by BLDPACK to be sent to the Organiser II and copied onto an erased Datapak. Along with BLDPACK this utility provides the means to easily transfer work originated on the Developer to Organiser II.

UNMAKE is the opposite of BLDPACK and MAKE, as it will transfer the contents of a Datapack on the Organiser II to the IBM PC. UNMAKE also splits the pack up into its individual components. At the same time it will create a parameter file suitable for input to BLDPACK to rebuild the Datapak image on the PC.

MAKE and UNMAKE can provide you with a total disk-based backup for your Organiser II – it could be worth the price just for that alone.
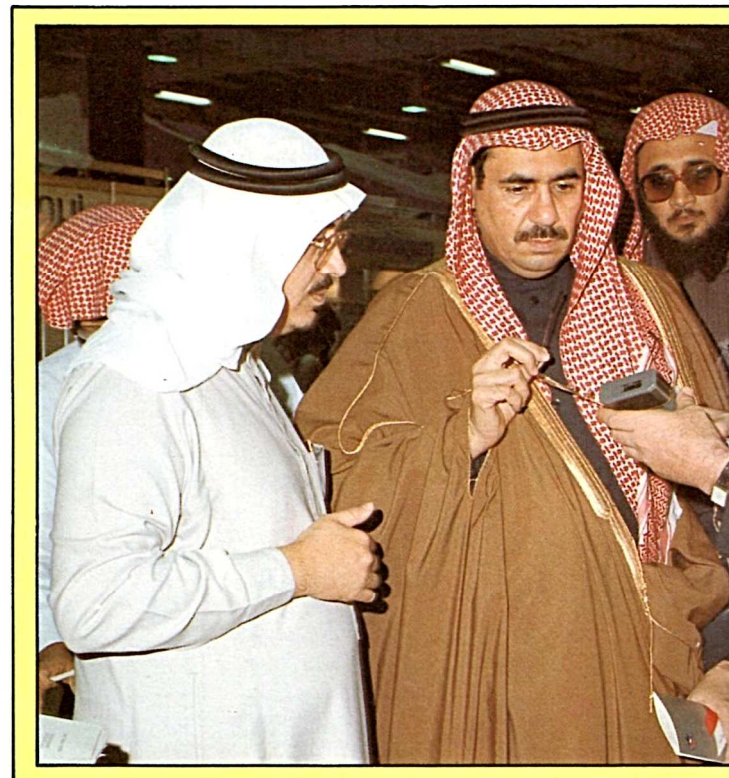

The new Organiser Developer at work – In emulation mode, Developer provides a complete replica of the Organiser II on the PC screen, making it easier and quicker to write software programs.

Together these four utilities provide a totally secure mechanism to allow code and data to be built up on the IBM PC, transferred to the Organiser II and then returned to the PC for safekeeping or further development.

Organiser Developer is a vital tool in encouraging and developing a strong third-party software market. It's also very good for individual programmers who want to program for themselves.

Psion could have just priced it for program developers, but has instead priced it at that sector of the Organiser market that buys the machine and programs on it.

Comms Link connects

The great strength of the Organiser range has always been its ability to trade information between itself, machine equipment, mainframe computers, desktop systems and anything else that will either send or receive computer information.

One of the most important applications in this regard is the communication between IBM PC-compatible computers and the Organiser II. This communication is key to making the most of products such as the Organiser Pocket Spreadsheet and Organiser Developer (see page opposite for details).

To make the communications connection, you need a Psion Comms Link which connects your Organiser II to a printer, PC, modem, or any device which has an RS232 or RS423 port. What you can do with Comms Link depends on what you are communicating with – common uses include:
- printing out files and programs
- sending and receiving files and programs between your Organiser II and a desktop computer
- allowing the Organiser II to act as a terminal to a host (such as Telecom Gold) which provides

Comms Link can be easily connected to a PC.

electronic mail and telex services.

If you want to connect to an IBM PC/XT/AT or compatible, Comms Link includes special software (on the floppy disk that's included with it) which you can run on your PC. If you wish to communicate with any other kind of computer, you may need a communications program for that computer.

Comms Link can be used in three different ways: directly from its own menus, via the Organiser II's own built-in language (OPL) and via another Organiser II application such as the Pocket Spreadsheet.

If you choose the second option – using OPL – Comms Link gives you the power to perform a greater variety

of tasks, but it will require a little more effort and understanding on your part.

The COMMS menu, for example, allows you to send a file to an attached printer – but by writing an OPL procedure you can print records which are selected on any criterion and exercise control over the print layout.

Meanwhile, you can also use the Comms Link under software control – from within applications such as Organiser Developer or Pocket Spreadsheet. The Pocket Spreadsheet, for example, allows you to use Comms Link to load and save Lotus 1-2-3, Symphony and DIF files from an attached IBM PC/XT/AT or compatible.

Psion courts the world

You may not hear a lot about the market for handheld computers in the world's smaller nations – but if Psion has its way, you will hear a good deal about the Organiser II in those countries.

Psion's Export Manager, David Elder, recently announced the launch of the Organiser II in Morocco, Singapore, Indonesia, Gibraltar and Bermuda – all of which help to round out the worldwide distribution network for Psion products. 'It exemplifies the fact that we are finding our feet as to where we are in the world,' he says. 'Psion products are now available in every country in Europe, the Middle East, Australasia, North America and parts of the Far East and Africa.'

Psion has some 25 export distributors in 35 countries and has achieved sales in a number of others, under less

Psion has made in-roads in the Middle East market through exhibitions.

formal distribution arrangements.

Psion's founder and chairman Dr David Potter says that he is encouraged by the number of new distribution arrangements. 'Singapore, for example, is a great trading City state and feeds a lot of the surrounding area with technology products,' he explains.

'South East Asia is an important sector,' says Dr Potter. 'We are also selling in Morocco and North Africa, where the French influence is important, so the Organiser II's French success is expected to be a factor in the recognition of the product in these countries.'

And the Organiser II is not the only Psion product that's gaining widespread international distribution. PC-Four, for example, was recently launched in France with a reworked package design, as well as full French-language help menus, commands and documentation.
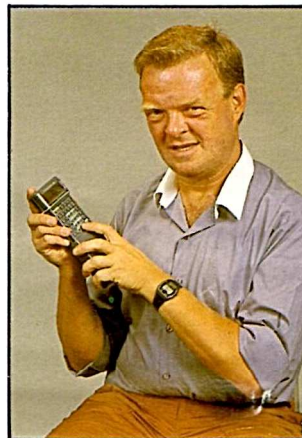
Organised elections

Dr Reece checks election results.

The Organiser II may not have been able to vote in the last election, but that did not prevent the machine from expressing its opinions about who the winners would be.

The handheld machine was used by Bristol mathematician and part-time broadcaster Dr Gordon Reece to produce estimates about who the winners and losers would be – based on incoming election night results. Using the Organiser II, Dr Reece entered results into the machine, a model that he has been using for the past ten years, to forecast election results.

And with the recent advent of Psion's Pocket Spreadsheet, Dr Reece did not actually have to do a lot of complex programming to get the model running on the Organiser II – he just entered the formulae as part of the spreadsheet. He said the Organiser II was especially helpful during election broadcasts when he needed to make predictions 'on the hop', but couldn't afford to have a loud, clattering keyboard that would have made a noise in the studio.

'I found the spreadsheet was quite reasonable in covering the results for the BBC West region,' he explains. 'It provided me with quiet broadcasting.'

He also says that the Organiser II has been useful for gathering information during an election broadcast. 'It's extremely useful to take notes when I'm broadcasting,' says Dr Reece. 'It's very useful for keeping track of what I'm saying.'

Please keep writing

We are going to have to get a bigger letterbox. We were pleasantly surprised by the volume of response to our plea for letters and urge you to continue sending us your thoughts and comments. We cannot, of course, promise to print all of them, but will try to print a representative sample – along with letters that are particularly unique.

We hope in the coming issues to be expanding the letter page and getting in more of both your letters and any examples of your Organiser II programming. If, however, you do send in any OPL programs, please find some way to print a copy of them out on a legible printer as we do not wish to take the chance of losing any Datapaks should your envelope get lost in the post.

And, as usual, we would also like to hear any hints or tips you have about using the Organiser II, Xchange, PC-Four or any other Psion product. Write away! to: The Editor, Psion News, Psion House, Harcourt Street, London W1H 1DT.

Facts, no jargon

Dear Sir,
I have just received 'Psion News', Issue 1 along with some literature on the Organiser II and a price list. Could you please help me with some plain information as to whether the computer would be suitable for my requirements.

I do not own a computer and for the last two years approximately, I have tried reading journals without success. I am a Chartered Engineer, but the jargon – I find – is a problem.

The use I would put the machine to is the weekly updating of a financial portfolio of Unit Trusts and Insurance Bonds, to the value of 36,000 at present. At the moment, this is what I do five days per week and I have 10 unit trusts and insurance bonds.

1. Obtain the day's value of the particular unit trust or insurance bond from the Financial Times. This is either a '+' or a '-' value, or, there is no change. These are entered on a pocket notebook.

2. Transfer the values from the pocket notebook to a ledger. The values are multiplied (by calculator) by the number of units held in each of the trusts or bonds and hence the total value of each is obtained.

3. Each of the 19 trusts or bonds has a separate plot graph carried out on graph paper from a graph pad. This enables me to get a visual picture of the progress of each fund and assess its growth rate and also to decide on 'buy', 'sell' or 'switch' actions.

4. Two further graphs showing
   – Total value and movement of all unit trusts held.
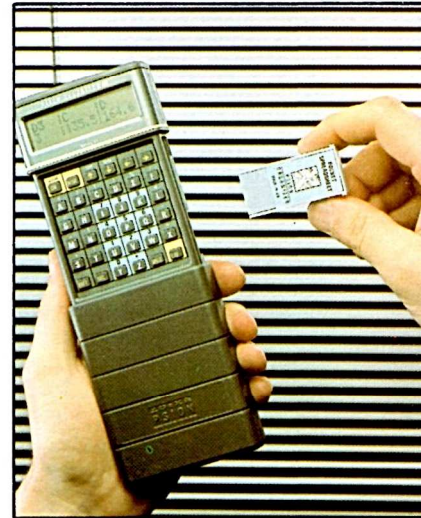   – Ditto for insurance bonds.

If you think the Organiser would suit my purposes for a superior calculator (it would not do the graphics, I realise) I could use it and carry on plotting graphs – it is no hardship.

I would need you to identify my purchase exactly. The literature I have been sent simply confuses me, as for instance we are told that 'The Psion Organiser II XP has now got 32K of internal memory'!

This means nothing to me as I do not understand it.... I would need to know what to purchase and why! Could you help please?
Victor Smith
Bradford, West Yorkshire.

Editor's reply: It seems that your needs would be met perfectly by a Psion Organiser II (XP model) and Pocket Spreadsheet. The latter is an 'electronic' version of the ledger you have been using. You would enter into it all the

Pocket spreadsheet being inserted into the Organiser II.

units trusts and insurance bonds you own, as well as a formula to multiply the number of shares by the value. Then when the figures appear in the FT, you would merely enter them into the Organiser II and total values for each would appear instantly.

As to the graphs question, you could even do that with the Organiser II if you had access to a desktop personal computer. If you bought a Comms Link package, you could use it to send the spreadsheet information from the Organiser II to the desktop machine and then load your spreadsheet onto the desktop computer using a package such as Lotus 1-2-3, which includes the facility to draw graphs.

Organise your travel money

Have you ever been in a foreign country, with a bunch of funny-coloured money stuck in your pocket and without the energy left to figure out just how much – in pounds and pence – your leftover change will come to? Or perhaps found yourself on a holiday where you keep spending more money than you need to because you keep forgetting the value of the local currency.

By typing in this short program – and then taking your Organiser II along with you on your travels – these troubles could be over.

This program – dubbed EXCHANGE by the author – translates the cost of an item from a foreign currency into pounds sterling, and is one of a number of simple programs planned for a new book by Mike Shaw – who wrote the Using and Programming the Psion Organiser II book that was featured in the last issue of Psion News.

Enter the program exactly as you see it here. Leaving out – or mistyping – so much as a single comma will result in the program malfunctioning.

EXCHANGE demonstrates the use of one of the memories in the calculator as a 'permanent' storage area for a 'variable', in this case the exchange rate. When you run the program, the options 'NEW' or 'SAME' are offered: if an exchange rate has not been previously entered, or there is a new exchange rate, 'NEW' should be selected, and the exchange rate of foreign currency to the pound entered when requested.

The program will then continue for the first 'exchange'.

```
exch:
local fm,c%
c%=menu("NEW,SAME")
if c%=1
 print "Rate to the ";chr$(237)
 input fm
 m9=fm
endif
ex::
if m9=0
 print "No exchange rate...run again"
 get
 return
endif
cls
print "Foreign cost="
input fm
if fm=0
 return
endif
print "=";chr$(237);fix$(fm/m9,2,8)
c%=get
if c%<>1
 goto ex::
endif
```

For subsequent use, simply select 'SAME'. The cost of the item in pounds is evaluated when the item cost, in the foreign currency, is entered.

Two ways to exit the program are provided: by entering zero ('0') for the item cost, or by pressing ON/CLEAR when the sterling cost of an item is on display. There is also a check to ensure that an exchange rate has been entered (otherwise a DIVIDE BY ZERO error could occur).

The calculator memory M9 is used to store the exchange rate, even when the Organiser II is switched off. Chr$(237) is a close simulation of the £ sign.

Efficient patient care

The Organiser II has entered the healthcare sector. Under the direction of Data Innovation – the software and system house appointed by Psion to represent it in the medical market – the Organiser II has been used to assist in the collection of information for community health care systems.

According to Data Innovation's director Dr Keith Bellamy, its brief is to make the Organiser II the handheld which the NHS will naturally gravitate to for medical applications.

'Psion introduced us to a particular situation involving community health,' he explains. 'In each of the 200 National Health authorities in the country, there are many community healthcare staff who administer to patients in their homes.'

Dr Bellamy further explains that there are a wide variety of healthcare staff currently finding use for the data collection systems which Data Innovation has designed – of which it has sold more than 1,100 units. District nurses, midwives, paramedics, and psychiatric nurses had, until now carried out the planning of community care on an 'ad-hoc' basis, because paper systems produce errors and the data appears too late.

But with new software from Data Innovation, they can carry Organiser IIs to the patient's residence, record the details that would normally have been entered on 'activity forms' and patient registration forms – as well as their own mileage and expense forms.

Rather than these forms then having to be re-keyed into

Community personnel use the Organiser II to store medical data whilst visiting patients.

the health district's central computer system, the healthcare professionals simply hand in their Datapaks after a week of visiting patients and the information is downloaded directly from the Datapaks into the health authorities' community information computer, typically ICL or DEC.

'What the districts are doing is installing information systems which will let them find out what their staff are doing and who they are doing it to,' explains Dr Bellamy. 'It's a planning tool for the team leaders and the staff themselves. They can thus carry patients' caseloads on the handhelds.'

The information is then retrieved after being collected in the field. 'Data is updated weekly on a Datapak and sent back to a central location,' he says. 'The Datapaks are reformatted and returned. We have sold 1,100 units to health authorities with ICL Comcare systems and development work is underway for FIP systems.'

For more details, contact Data Innovation, telephone (0442) 50312.

Chess result

Thanks to everyone who entered the Chess competition in our last issue. The winner is Mr A R Wilson of Archer Road in Sheffield, whose new Organiser II XP is already winging its way to him.

A number of you correctly guessed the next move that Psion Chess would recommend, given the starting position shown in the last issue, the display opposite shows the answer. Although we don't have room to print all the names of the correct entries from which Mr Wilson's name was drawn, at least with the screen shots below, you will know who you are.

Congratulations again to Mr Wilson and our thanks again to everyone who entered.

Chess competiton winner Mr A R Wilson.

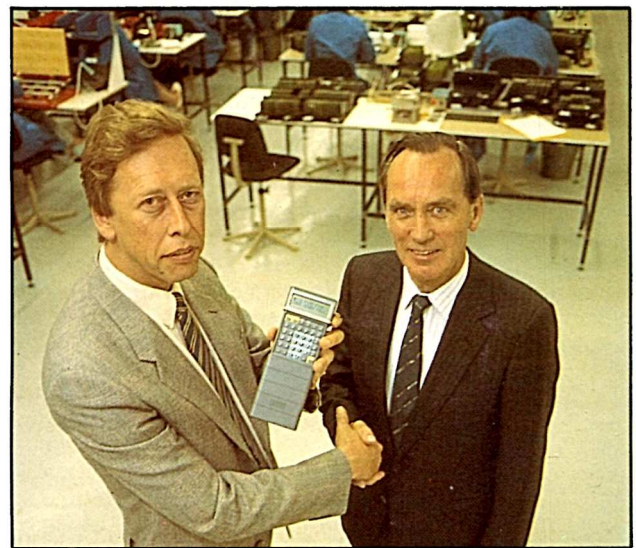*Above you see the correct answer to the Chess problem.*

Win the 100,000th Organiser II!

With this issue of Psion News, Psion celebrates the production of the 100,000th Organiser II. As part of that celebration, Psion has commissioned a specially-engraved 100,000th Organiser II to give away to readers of Psion News. To get your chance to participate in the Organiser II celebrations, you need only fill in the form below and answer all the skill-testing questions.

All those who fill in the form completely and answer all five questions correctly will get a chance to win a specially-engraved 100,000th Organiser II. The first correct entry drawn after the competition closing date will be awarded the prize. The decision of the judges is final and all entries must be received no later than October 31st, 1987. *

Psion Ltd. takes no responsibility for lost, stolen or misplaced entries. Contest results will be published in the Winter Issue of Psion News and the prize will be issued at that time.

One hint: having a copy of Psion News Issue 1 at hand when you reply to these questions will be a great help. The questions are deliberately simple so as to allow as many people as possible a chance of winning the 100,000th Organiser II.

Dr Potter and Len Whittaker, Chairman, Radamec, with the 100,000th Organiser.

IF YOU LIVE IN THE UK, please send your completed entry form to the following address: Psion Limited, Freepost 3, London W1E 1EZ. ENTRIES OUTSIDE THE UK should be addressed to Psion News competition, Psion Ltd., Psion House, Harcourt Street, London W1H 1DT, England.

1. Manufacture of the Organiser II takes place in Andover, Hants. Which company does this manufacturing for Psion?

....

2. ICL released an integrated voice/data terminal in 1984 which included Psion's Xchange software. What was it called?

....

3. A well-known disc jockey uses the Organiser II in place of a Filofax. What is his name?

....

4. You can now buy a word-processor for the Organiser II. Who produces it?

....

5. Which major UK retailer uses the Organiser as part of its Point of Sale systems?

....

* Void where prohibited by law.

PLEASE COMPLETE IN BLOCK CAPITALS

Name...

Telephone Number (Work) ....

Address...

....

Age .... Occupation ....