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ORGANISED BY AUSTRALIAN EXHIBITION SERVICES PTY LTD 424 ST KILDA ROAD MELBOURNE 3004 TELEPHONE: (03) 267 4500 TELEX: AA39329

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In addition, ADI has two Super HiRes colour monitors. The PX-22 which is compatible with IBM's Enhanced Graphics Adaptor and the PX-32 which is compatible with IBM's Professional Graphics Adaptor.

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The Australian International Office Technology Exhibition

O-F-F-I-C-E TECHNOLOGY 86

THE SEVENTH AUSTRALIAN PERSONAL COMPUTER SHOW

ROYAL EXHIBITION BUILDING

PC 86

MELBOURNE 1-4 JUNE 1986

THE AUSTRALIAN INTERNATIONAL ELECTRONIC COMMUNICATIONS AND INFORMATION TECHNOLOGY EXHIBITION

COMMUNICATIONS 86

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Opening Hours

Sunday	1 June	10.00am - 7.00pm
Monday	2 June	10.00am - 7.00pm
Tuesday	3 June	10.00am - 7.00pm
Wednesday	4 June	10.00am - 5.00pm

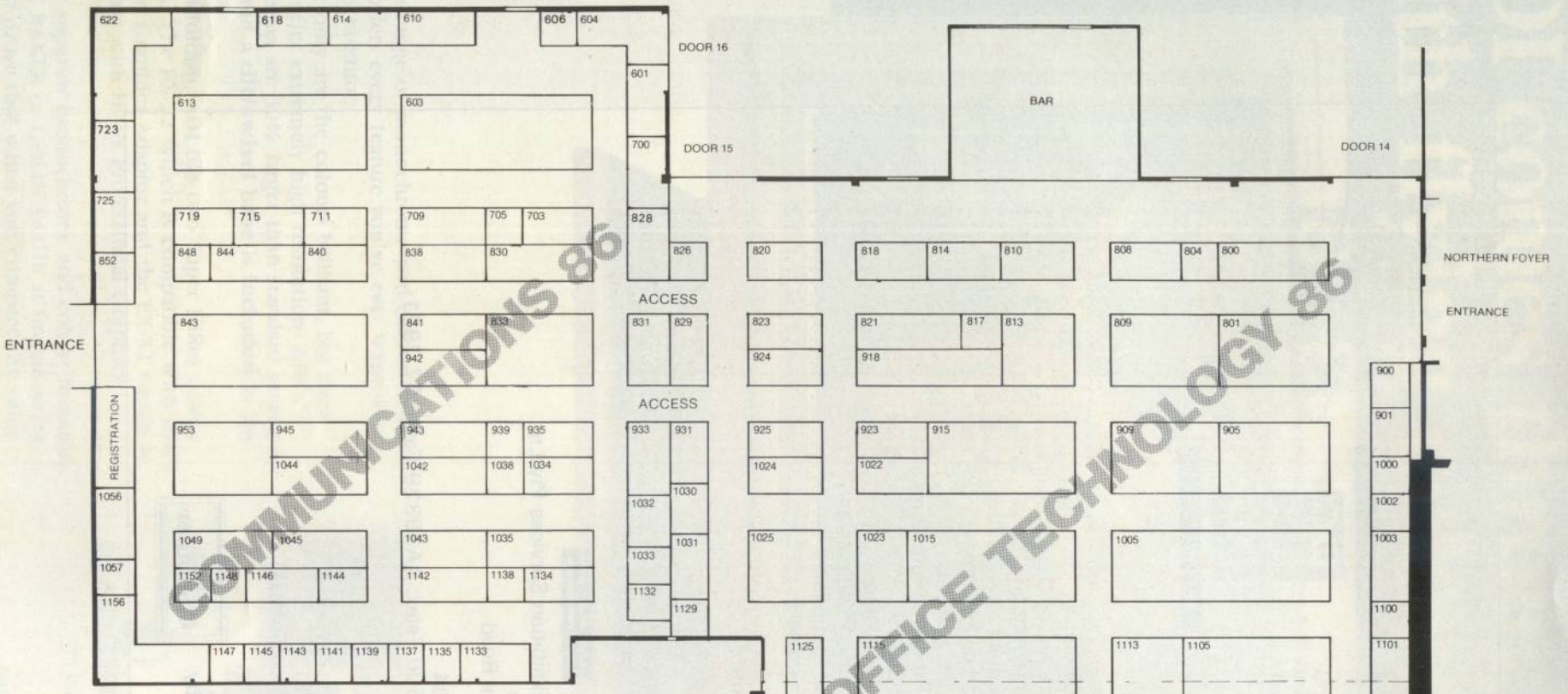
Organisers aes

Australian Exhibition Services Pty Ltd
Illoura Plaza
424 St Kilda Road
Melbourne
Victoria 3004
Tel: 267 4500 Telex: AA39329 Fax: 267 7981

Directors

P J C Bush
L P Kelly (UK)
H B G Montgomery (UK)
G H Selby

Supported by Australian Personal Computer



COMMUNICATIONS 86
OFFICE TECHNOLOGY 86

FLOOR PLANS

ROYAL EXHIBITION BUILDING

WESTERN ANNEXE

THE AUSTRALIAN INTERNATIONAL ELECTRONIC COMMUNICATIONS AND INFORMATION TECHNOLOGY EXHIBITION

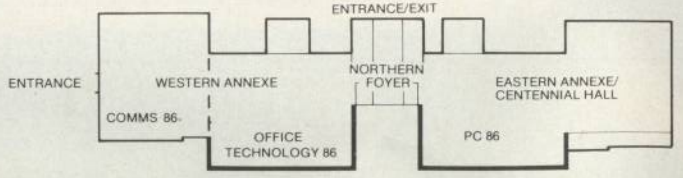
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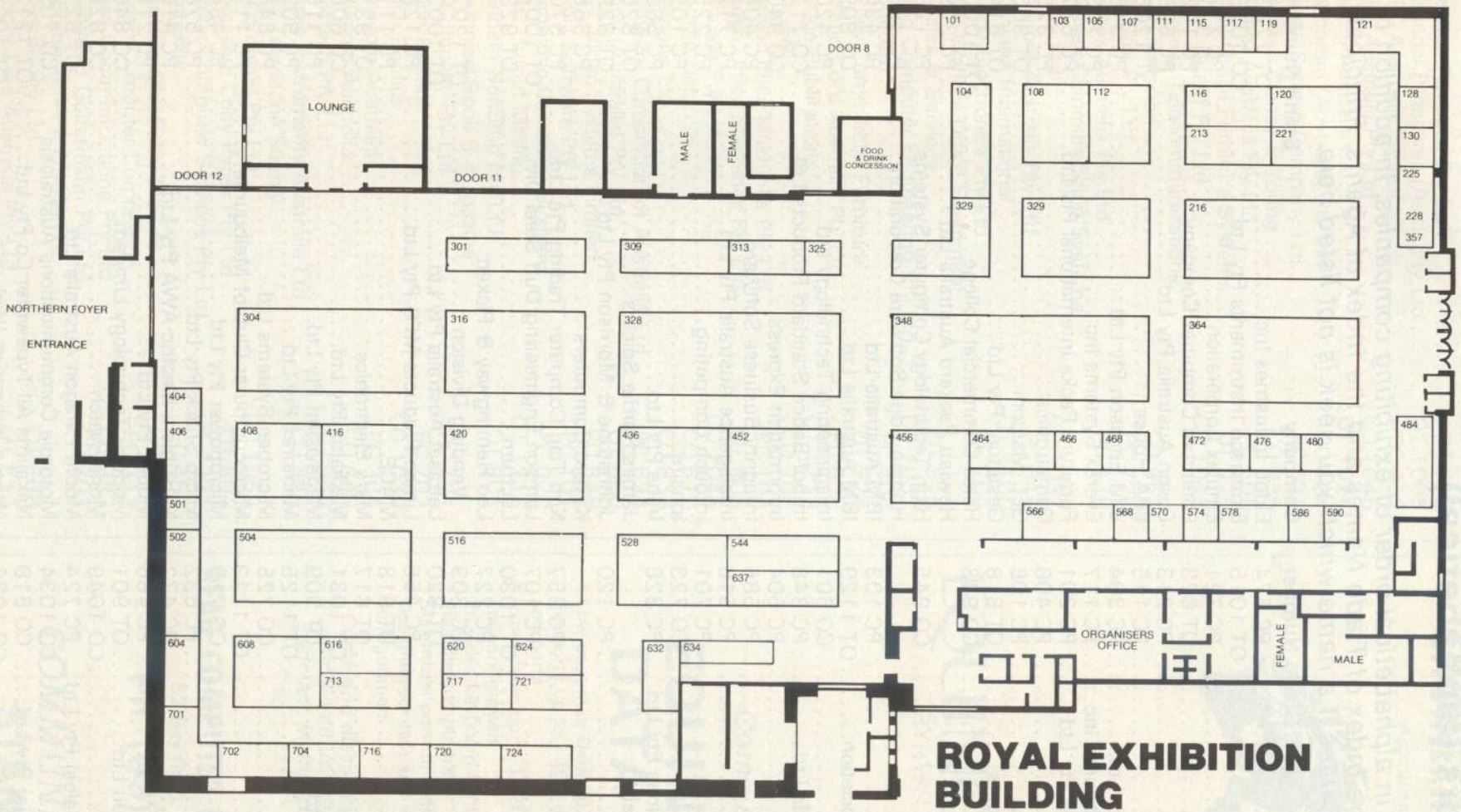
ROYAL EXHIBITION BUILDING
MELBOURNE 1-4 JUNE 1986

The Australian International Office Technology Exhibition

O-F-F-I-C-E TECHNOLOGY 86

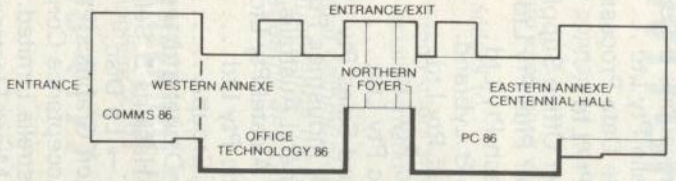
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MELBOURNE 1-4 JUNE 1986





ROYAL EXHIBITION BUILDING

EASTERN ANNEXE
CENTENNIAL HALL



PC 86

THE SEVENTH AUSTRALIAN

PERSONAL COMPUTER SHOW

ROYAL EXHIBITION BUILDING MELBOURNE 1-4 JUNE 1986

PC 86

FLOOR PLANS

List of Exhibitors (alphabetical)

The following is a list in alphabetical order of exhibiting companies. In addition to this, please refer to the Index of Trade Names and the Index of Agents, Principals and Associated Companies if a name which you seek is not listed here.

Company	Stand Number
Adaptive Electronics Pty Ltd	PC 574
Adler Business Machines	OT 1015
The Age	PC 721
AHI Precision Aust	OT 823
Alpha Technology Pty Ltd	PC 213
Amstrad User Group	PC 115
Apple Computer Australia Pty Ltd	PC 304
Apple User's Society of Melbourne Inc	PC 117
Archives Computers Australia Pty Ltd	PC 301
Arcom Pacific	PC 408
Assco (Vic) Pty Ltd	PC 108
Atlantis International Computers	OT 818
Australia Post	CO 943
Australian and New Zealand Banking Group	CO 945
Australian Microcomputer Industry Clearinghouse	PC 103
Australian Quadriplegic Association	OT 1129
Australian Tel-Tec Pty Ltd	CO 601
Barson Computers Australasia Ltd	PC 348
Business Review Weekly	PC 604
CAD Draft	PC 586
Canon Australia Pty Ltd	PC 516
Chendai Australia Pty Ltd	PC 701
Commonwealth Bank	CO 723
Commodore Business Machines Pty Ltd	PC 328
Communications & Peripherals Australia Pty Ltd	PC 120
Complete Data Processing (Vic) Pty Ltd	PC 357
Computer Office Supplies	PC 107
Computer Plus Pty Ltd	OT 1030
Consultech Pty Ltd	PC 227
Coopers & Lybrand	PC 309
Copiquest Pty Ltd	OT 820
Copispec Pty Ltd	PC 456
Copispec Pty Ltd	OT 918
Copyguard Sales Pty Ltd	OT 817
Creswick Industries Pty Ltd	OT 1031
Data General Australia Pty Ltd	OT 909
Datakey Alcatel Pty Ltd	OT 1125
Datamatic Pty Ltd	CO 725
Delairco Group	OT 1113
Dellfield Digital Ltd	CO 719
Deloitte Haskins & Sells	PC 632
De Vere — Le Disc	PC 472
Dimension Graphics Pty Ltd	PC 466
Direct Acceptance Corporation Ltd	OT 901
DTX Australia Limited	CO 1049
Eastern Micro Electronics (Sales) Pty Ltd	PC 724
Ectron EAI	CO 1034
Egerton Connectors (Australia) Pty Ltd	CO 618
Elders Pastoral	CO 1036
Eldon Industries Inc	OT 1223
Elmeasco Instruments Pty Ltd	CO 1035
Emulex Corporation	PC 217
Entercom Computer Company	PC 112
Epson Australia Pty Ltd	PC 528
ERA House	OT 1205
L M Ericsson Pty Ltd	PC 316
Everex Systems Inc	PC 713
Furniture Packs International Pty Ltd	PC 637
Gametronics	PC 325
GEC Marconi	OT 900
Gestetner Pty Ltd	OT 814
Hales Commercial College	OT 1000
Hewlett Packard Australia Ltd	PC 329
High Technology Computer Systems	PC 128
Human Edge Software Corporation	PC 468
IBM Australia Ltd	PC 436
IBM Australia Ltd	OT 809
Imagineering Technology Ltd	PC 420
Imhof-Bedco Standard Products Ltd	CO 711
Information Express	CO 940
Integrity Business Software	PC 404
Intelligence Australia Pty Ltd	PC 717
Intouch Computing	PC 225
Ionaire	PC 105
Iraus Pty Ltd	PC 568
James Hardie Spicers	OT 826
Johnstone & Morrison Pty Ltd	OT 829
Kaypro Computers	PC 566
Kim Tian Computer Trading Pte Ltd	PC 570
Lamson Engineering Duff Steel Div	OT 1002
Lectrum	OT 923
Leo Hemingway & Pickett Vending Division	OT 1207
Letraset Australia Pty Ltd	OT 1003
Limco Products MFG Pty Ltd	PC 128
MACE	PC 111
Mars Electronics	OT 931
Medialux Pty Ltd	CO 606
Megavision Pty Ltd	PC 116
Memorex Pty Ltd	PC 502
Microbee Systems Ltd	PC 544
Microcomputer Club of Melbourne	PC 119
Micropower Pty Ltd	PC 484
Micro Shack Pty Ltd	PC 578
Mitsubishi Electric-AWA Pty Ltd	PC 416
Mobex Pty Ltd	PC 216
Modular Technology Limited	CO 840
Moneywatch	CO 828
Moore Paragon Australia Ltd	OT 821
Motorola Communications Australasia	CO 709
Nakajima All Typewriter Co Pty Ltd	OT 1217
Namco Industries (Vic)	OT 1025

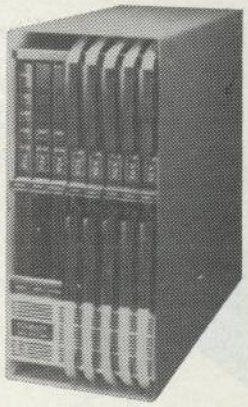
Company	Stand Number
Nashua Australia Pty Ltd	PC 716
National Panasonic (Aust) Pty Ltd	OT 1005
NEC Australia Pty Ltd	PC 452
NEC Australia Pty Ltd	CO 1045
Nestle Australia Ltd	OT 1024
Netcomm (Australia) Pty Ltd	PC 464
Nissei Sangyo Company Ltd	PC 634
Norman Disney & Young	CO 935
Olivetti Australia Pty Ltd	PC 504
Omni Office Furniture Systems	OT 925
Otron (Aust) Pty Ltd	CO 1043
Overseas Telecommunications Commission	CO 953
Ozi Soft Pty Ltd	PC 720
Pantek Australia Pty Ltd	PC 476
Plessey Communication Systems Pty Ltd	CO 1032
Polaroid Australia Pty Ltd	PC 616
Polyvend International	OT 1100
Pulsar Electronics Pty Ltd	PC 704
Raitt Wallace Office Equipment Sales & Services	OT 915
Read Computer Engineering Pty Ltd	CO 1057
Rediform	PC 406
Ridley Commercial Furniture	OT 924
Roland Corp Australia Pty Ltd	PC 608
Rydge Publications	OT 1219
SAGEM	CO 705
Sanyo Office Machines Pty Ltd	PC 104
Sanyo Office Machines Pty Ltd	OT 905
Sendata Pty Ltd	CO 1044
Shuttle Datacom	CO 610
Siemens Ltd	CO 833
Software Corporation of Australia Ltd	PC 624
Sony (Australia) Pty Ltd	OT 800
SVT Video Systems Limited	CO 848
Sybiz Software Pty Ltd	PC 101
Symbiotic Computer Systems	PC 620
TAC Output Media	OT 1213
Tandem NonStop Pty Ltd	OT 801
Technical Book & Magazine Company Pty Ltd	PC 121
Tech Pacific	PC 702
Tech Rentals	CO 1039
Telecom Australia	PC 364
Telecom Australia	CO 843
Teletech Pty Ltd	CO 942
Texas Instruments Australia Ltd	CO 844
The Telephone Supply Company Pty Ltd	CO 1056
Tomasetti Copy Paper Pty Ltd	OT 804
Tristar Computer Services Pty Ltd	OT 1221
Unitronix	PC 480
Verifone (Australia) Pty Ltd	CO 841
Vision Computer Corporation	PC 313
Voca Communciations Pty Ltd	CO 933
Wandel & Goltermann Pty Ltd	CO 703
Wittenborg — A Division of Soche Pty Ltd	OT 808
Wright Line Australia Pty Ltd	OT 813

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COMMUNICATIONS 86

STAND 1057

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CBA is the accounting package tailored to small to medium size business requirements. It's inexpensive, and yet it's suitable for multi-user operations as well as single. It's compatible with the most popular PC's, AT's and Local Area Networks.

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CBA's highly integrated modules cover an extensive range of tasks, including Accounts Receivable/Sales Analysis, Inventory, Order Entry/Invoicing, Accounts Payable, Purchase Orders, General Ledger, Asset Register, Payroll, Cost Management, Bill of Materials and Report Writing. And all these tasks can be run on the world's most popular operating systems, for PC's, AT's and Networks.

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Every aid to quick learning and smooth operation

CBA has on-line help screens and tutorial documentation, which means you can pass on operational know-how within your own organisation. It also includes demonstration files as part of the package.

Plus the technical support of Intelligence Australia

In additional CBA users can enjoy the comprehensive back-up facilities of Intelligence Australia, including hardware maintenance, software support, training and consultancy. Start moving towards revolutionising your accounting function with CBA now. Fill in and post the coupon below for further information. Or alternatively, why not ring Intelligence for a demonstration?

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Business computers making sense

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123 Moray Street, South Melbourne, VIC. 3205
Tel: (03) 690 6600

APC

FOREWORD

On behalf of all exhibitors and Australian Exhibitions Services Pty Ltd welcome to PC86, OFFICE TECHNOLOGY 86 and COMMUNICATIONS 86.

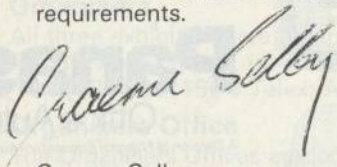
In a totally new approach we are staging three exhibitions concurrently at the Royal Exhibition Building. We have retained the specialised nature of each show whilst at the same time creating one major event for the business community.

It is our firm belief that exhibitions must provide a valuable service to visitors and each year we endeavour to improve the quality of this service with new innovations. With the simultaneous staging of PC86, OFFICE TECHNOLOGY 86 and COMMUNICATIONS 86 visitors are able to attend three related exhibitions in the one cost-effective visit.

Highlighting the benefits of the new technology is The Learning Show, a comprehensive seminar programme jointly presented by Management Technology Education and Marketing Directions. From free video sessions through to hands on courses there are sessions for all categories of visitors including marketing advice from visiting US expert Regis McKenna.

With more than 150 companies displaying the next generation of microcomputers, the latest telecommunications technology and state of the art office equipment visitors can see and compare a truly comprehensive range of products.

We hope your visit to the Royal Exhibition Building will enable you to discover new solutions to suit your particular requirements.



Graeme Selby
Director
Australian Exhibition Services Pty Ltd

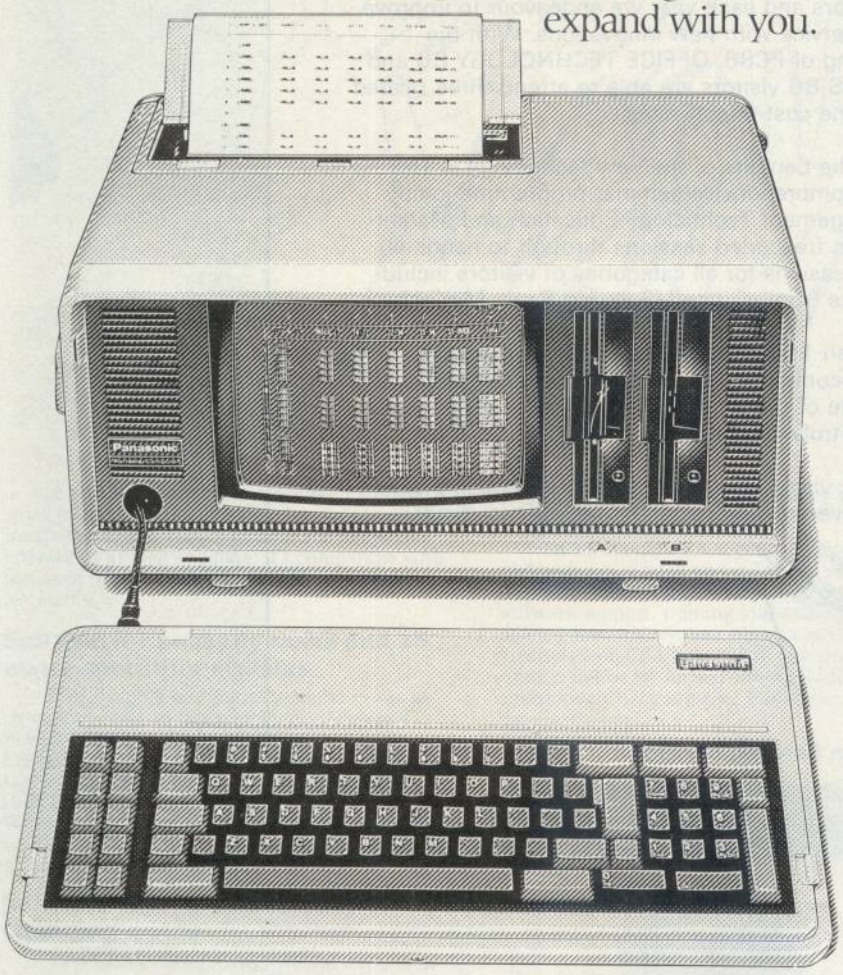
NO OTHER PC CAN GET SO CARRIED AWAY WITH TOTAL FUNCTION.

Now Panasonic packs the total power and features of a desk top personal computer into a compact transportable. This is the portable PC with a built-in thermal printer.

So you've a totally self-contained system wherever you need it. It is compatible with programmes written for the IBM PC.

And as your computing needs grow, the Panasonic transportable is designed to expand with you.





Uncompromising quality, innovative technology and rugged reliability are built into the transportable PC by Panasonic.

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Office Automation OA
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For more information call:
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Industrial Products Division,
Sydney (02) 439 3899; Melbourne (03) 544 9033; Brisbane (07) 268 6455;
Adelaide (08) 268 8622; Perth (09) 451 7211

THE TRANSPORTABLE, BY PANASONIC.

S710N/R1

Exhibition Information

Opening Hours

Sunday	1 June	10.00am - 7.00pm
Monday	2 June	10.00am - 7.00pm
Tuesday	3 June	10.00am - 7.00pm
Wednesday	4 June	10.00am - 5.00pm

Admission

Admission to all three exhibitions is available for a single charge of $5.00. There are no concessionary rates for special categories of visitors.

The Organisers reserve the right at their discretion to refuse any person admission to the Show if complaints have been received concerning his conduct. The Organisers have issued official tickets of admission and no other form of admission will be valid.

Access

All visitors over the age of 18 will have access to all three exhibitions. Visitors under 18 years of age will not be permitted to enter OFFICE TECHNOLOGY 86 or COMMUNICATIONS 86.

Banking

All major banks are located within a few minutes walk of the Royal Exhibition Building. A full listing is available from the Organisers Office.

Canvassing

Canvassing for orders by an unauthorised person is strictly prohibited. The display or distribution of printed or other matter except by exhibitors on their own stands is prohibited.

Car Parking

Public car parking is available within the Royal Exhibition Building grounds.

Catalogues

Catalogues are available free of charge at the main entrance to the show.

Fire & Security

Fire extinguishers are clearly identified within the exhibition halls. The Security Office is located in the Western Annexe behind Stand 1125.

Lost Property

Lost property enquiries should be made at the Organisers Office at the rear of Stand 568 in the Eastern Annexe.

Organisers

All three exhibitions are organised by Australian Exhibition Services Pty Ltd, Illoura Plaza, 424 St Kilda Road, Melbourne, Victoria 3004, Tel: (03) 267 4500 Telex: AA39329 Fax: (03) 267 7981.

Organisers Office

The Organisers Offices are located at the rear of Stand 568 in the Eastern Annexe. All enquiries should be directed to these offices.

Photographers

Official photographers only will be allowed access to the Royal Exhibition Building during the exhibition. Application for the use of other photographers must be made to the Organisers.

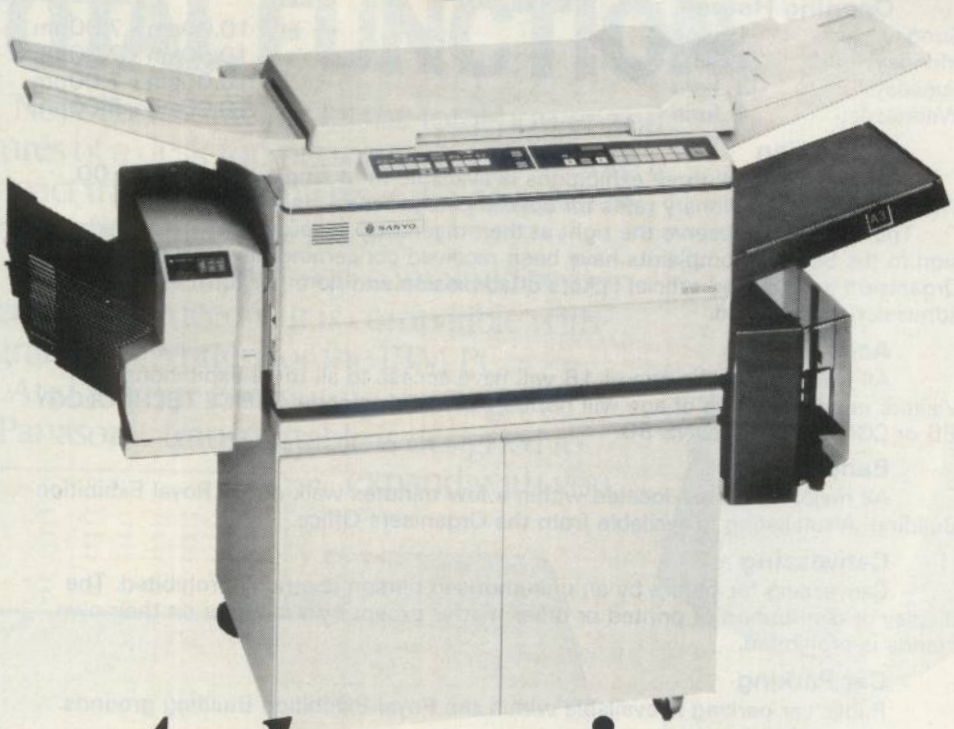
Postal Facilities

The nearest post office is Exhibition Street Post Office, 246 Exhibition Street, Melbourne, Victoria, 3000.

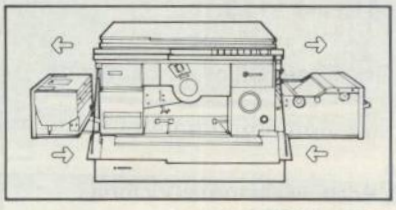
Press Office

All media representatives are invited to visit the Press Office. The material displayed is for the benefit of editors, journalists and trade press writers who will find information on exhibitors and products laid out to suit their requirements. The Press Office is located adjacent to Stand 634.

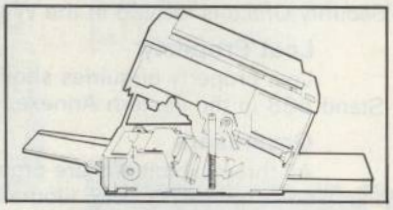
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For crisp clean copies, and of course cleaner staff, insist on a Sanyo copier. There's one for every sized office. See your nearest Sanyo Office Automation dealer, or post the coupon below.

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SAPC 230

How to use the Catalogue

The show catalogue has been designed for the use of all three shows, PC86, OFFICE TECHNOLOGY 86 and COMMUNICATIONS 86.

The catalogue is divided into three main sections:

i) preliminary pages of information
ii) exhibitor's product information
iii) indexes

Floor Plans

The floor plans displayed on pages 2 and 3 include stand numbers only for easy reference purposes. The list of exhibitors on page 4 lists all exhibitors at the time of going to press and their stand numbers.

Exhibitor's Product Information

A combined list of exhibiting companies for all three shows is included within this section. Each company is listed with full address and telephone details and an editorial text relating to the products and services displayed.

Classified Index

This index lists the categories of products displayed for the three exhibitions and listed under each category are the names of those exhibitors displaying these products.

Index of Trade Names

The following list in alphabetical order comprises product and service trade names. They are not company names. Readers who only know the trade name of a particular product rather than the exhibiting company's name should use this index to locate the company they are seeking.

Index of Agents, Principals and Associated Companies

This is a list in alphabetical order of agents, principals and associated companies represented on exhibitor's stands but not exhibitors in their own right.

Stand Numbers

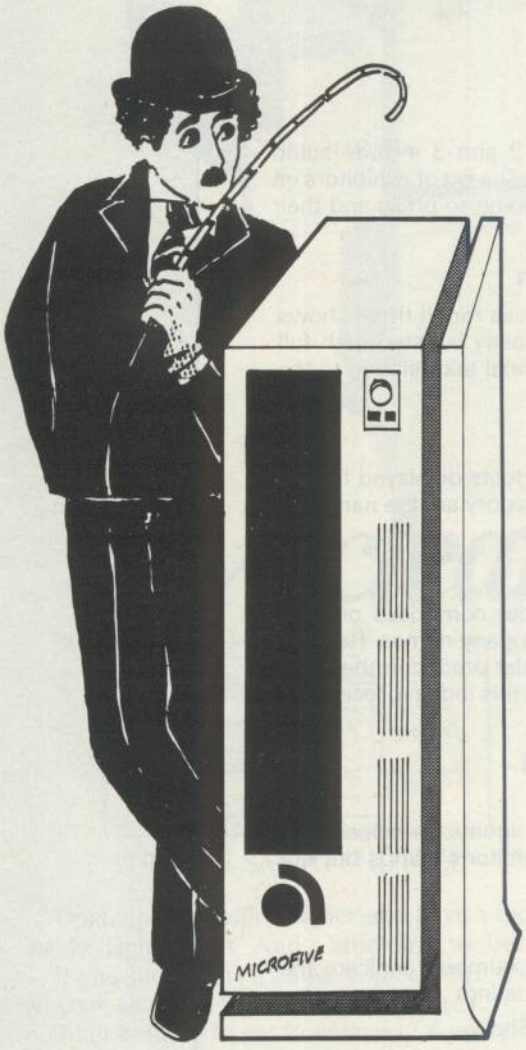
The abbreviations prior to the stand numbers indicate the exhibition in which the exhibitor is participating:

PC — Australian Personal Computer Show
OT — OFFICE TECHNOLOGY 86
COMMS — COMMUNICATIONS 86

The organisers are unable to accept responsibility for the description of exhibits which appear in this catalogue as in every case they have been supplied by the exhibitors or their agents and edited to conform to style.

R.I.P. MINIS

LONG LIVE PCs & MULTI-USERS.



With PCs and Multi-user systems offering unbelievable performance and technical innovation, at affordable prices, it's no wonder minicomputers are fast becoming obsolete. Just check out some of the features the Archives Micro Five Multi-user system offers and then decide for yourself.

DOS 3.1
Twice the performance of an equivalent IBM AT system for less cost (see PC Week review and MicroFive tests).

XENIX
Combined with Kimtron KT7/PC terminals and the Xenix operating system, the Archives MicroFive delivers more power than top range superminis (see Byte benchmark), at a fraction of the costs: 1-16 users available.

3-COM
Add an Archives MicroFive to your 3-Com network and experience unbelievable speed, power and flexibility. The Archives MicroFive fully exploits the power of the 16/24 bit Intel 80286 processor, assuring extremely high performance as a workstation, Multi-user computer or network server to the 3-Com environment.

NOVELL
Other PCs or standalone MicroFive systems can be connected to the Archives MicroFive as the central server in a local area network (LAN). Novell Corporation has endorsed the MicroFive as their top line 286 server offering up to 128 users and 2 Gigabytes of storage in the most sophisticated LAN available (see Novell test results). Many other LANS are also fully compatible with the Archives MicroFive.

PC SLAVE
Plug in the PC-Slave and Kimtron KT7 terminal to provide the highest peformance, low cost multi-user system offering full IBM PC software compatibility.

SEEING IS BELIEVING
Archives is the only authorised Australian distributor of the MicroFive range of systems, and we are looking for dealers, OEMs and VARS. And, we have an extensive range of multi-user software and peripherals that run under a whole host of configurations. So come and see us at the PC'86 show on stand 301 - you'll also see Dataflex, 3-Com and the Archives Multi-User Business software running on the MicroFive.

archives

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- Melbourne (03)699 8377
- Sydney (02)922 3188
- Canberra (062) 476 555
- Auckland (9) 503 548

See us at the PC'86 show on stand 301.

The Multiuser Specialists

BlairCom 2161

Seminar Program

Royal Exhibition Building
Convention Centre 2-4 June 1986

THE LEARNING SHOW

Management Technology Education — specialists in their field of providing high-tech information and training — have put together a range of courses which cover management awareness, staff computer awareness, DP professional training, PC training and various video and computer-based training.

Video Tutor

Continuous showing of video tapes designed to inform you about a wide range of PC software including LOTUS 123, SYMPHONY, dBASE II, III, DOS, IBM PC. Admission free if you show exhibition pass, receipt or business card.

On the hour, every hour
11am-6pm June 2, 3, 4 FREE

Fundamentals of Computing and Data Processing

Series of video tapes designed to help you understand the basics before you go to the show. Trainers will also be on hand to help with specific problems. Rebate of $5 given if you show your exhibition pass or receipt.

9am-11am June 2, 3, 4 $45.00

Computer Tutor

Under supervision of our training consultant, but at your own pace, take one of the Computer Tutor courses using a PC. INTRO to PC, DOS, LOTUS 123, PC-FOCUS. Show rebate of $5 given if you show exhibition pass or receipt.

1pm-4pm June 2, 3, 4 $45.00

Hands-On Courses

Shortened versions of two of MTE's most popular courses

-1. PC as a Business Tool
9am-1pm June 2, 3, 4 $95.00
2. Intro to 1-2-3
4pm-7pm June 2, 3 $75.00

Management Briefings

See Registration Form for topics covered.
1. Trends in PC Technology and Application
9am-1pm June 2 $95.00

Technology Seminar

In this one-day seminar, Matt Whelan will solve all confusion about which modem is right for you. He will discuss the pros and cons of PC communications — hardware and software — in a simple, straightforward manner.

9am-5pm June 4 $235.00

THE REGIS TOUCH

The strategies of Regis McKenna's renowned consulting firm have helped many international companies achieve leadership positions. Author of a new book, "The Regis Touch: Million Dollar Advice from America's Top Marketing Consultant", he is brought here courtesy of Marketing Directions, marketing specialists for the information industry.

You can hear two seminars by Regis McKenna, the man who helped bring success to over 150 high-tech companies and dealers in the U.S.

SEMINAR A — "Marketing Strategies of the high technology Executive"
2pm-5pm and Cocktails June 2 $195.00
SEMINAR B — "Marketing strategies for independent computer sales organisations"
9am-12noon June 3 $175.00

Important

To avoid disappointment telephone (03) 267 4500 (Australian Exhibition Services Pty Ltd) for further details or an immediate booking.

THE ONE YOU'VE BEEN WAITING FOR!

Australian Personal Computer
SPECIAL ISSUE



MICROCOMPUTER BENCHTEST SPECIAL

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Corporate Office Feature

Designed by MMH Partnership, Architects & Planners.
141 Arden Street, North Melbourne, Vic. 3051. Tel: 329 1011.

The concept of the corporate office feature has been jointly developed by Australian Exhibition Services Pty Ltd and MMH Partnership Pty Ltd. The purpose of the feature is to focus attention on office design and the role it plays in accommodating and complimenting rapidly changing high technology office equipment.

The design philosophy expressed by MMH Partnership is to provide "a modern and progressive office environment capable of easy change for both physical and technological advances and for the least expense. The design attitude is described as one of minimalist modern aesthetics as distinct from the post-modern idiom currently in vogue".

The firm of MMH Partnership has been awarded Royal Australian Institute of Architect's Design Awards acknowledging its distinctly different and innovative approach to design. The correct projection of a modern corporate image is seen as essential in the marketplace, whilst economical and practical considerations must be realised. The MMH Partnership rejects the notion of fashion in architecture in favour of an acceptance of economically practical modern principles.

Contributors of services and equipment selected for inclusion within the feature comprise:

Furniture

Concept Office Interiors Pty Ltd
217 Clarendon Street
South Melbourne 3205
Telephone: 699 1222

Concept Office Interiors was established in 1969 to cater for the needs of architects, interior designers and other clients appreciative of good design without the need to look to more expensive imported furniture. They merchandise selected standard items of furniture and a range of exclusive designs all of which are on display at their showroom at 217 Clarendon Street, South Melbourne. Furniture can also be produced to designer specifications. A comprehensive range of available commercial fabrics and finishes is on hand for client perusal or selection and all projects are under the personal supervision of director, Bill Snell.

Partitions & Painting

Descolour Pty Ltd
6 Railway Parade
Murrumbeena 3163
Telephone: 568 4737

Descolour Pty Ltd began operating in 1965 and has established itself as a well recognised company.

Descolour Pty Ltd specialises in architectural restoration and refurbishment projects, schools and public buildings, churches and association buildings.

Descolour Pty ltd is a registered member of the Master Builders Association of Victoria and also a registered member of the Master Painters Associations.

Descolour Pty Ltd employs their own carpenters and painters, thus enabling greater control and efficiency for the client, Descolour takes pride in that all projects are carried out promptly and with the minimum inconvenience to the client.

Carpet

Hanmar Pty ltd
9 Mayston Street
East Hawthorn 3123
Telephone: 813 3200

Hanmar has been appointed by Interface Flooring Systems of the USA, the world's largest carpet-tile manufacturer as their sole distributor for Victoria. Interface high technology, free-lay carpet-tiles are designed and engineered primarily for use in office, commercial, institutional and health care faciities. Interface maintains that the dimensionally stable free-lay carpet-tile has become an important functioning component of the modern office environment around the world. High performance carpet-tiles make carpet a part of an efficient office system instead of merely a decorative accoustic treatment for the floor according to Interface.

Further information may be obtained from Hanmar who have a display of Interface tiles on show to assist architects, interior designers and end users.

Lighting

Lightmakers (Vic) Pty Ltd
384 Elizabeth Street
Melbourne 3000
Telephone: 663 6333

Lightmakers Pty Ltd is an Australian owned manufacturer of light fittings and lamps with retail outlets in Sydney and Melbourne operating through independent distributors in all states of Australia.

The company specialises in design and manufacturer of contemporary lighting for international hotels, offices, restaurants and private homes.

To complement the factory production Lightmakers import luxury lighting from selected suppliers in Italy, Germany and the USA.

VISIT OFFICE TECHNOLOGY TO SEE THE CORPORATE OFFICE FEATURE

'86 PC AWARDS

77 Glenhuntly Road, Elwood, Vic 3184
Telephone (03) 531 8411. Fax (03) 531 9487

Sponsored by:

THE BULLETIN

Australian BUSINESS

Australian Personal Computer

computing australia



'86 PC Awards presented at Show opening

Sponsored by Australian Exhibition Services with the publishers of The Bulletin, Australian Business, Australian Personal Computer and Computing Australia, the '86 PC Awards are the Oscars of Australia's computer industry.

Eight awards are presented annually. Categories for 1986 are: under Business PC's — Desktop, Lapheld, Peripherals, Software, Documentation; under Educational — Hardware and Software. There is also an award for the Innovative Product of the Year.

The awards will be presented by the international high-tech industry marketing specialist, Regis McKenna on June 2nd and winners announced in the above publications.

THE SEVENTH AUSTRALIAN
PERSONAL COMPUTER SHOW

ROYAL EXHIBITION BUILDING

PC 86

MELBOURNE 1-4 JUNE 1986

Exhibitors' Product Information

Who's who?

Adaptive Electronics Pty Ltd

418 St Kilda Road
Melbourne
Vic 3004
Tel: (03) 267 6800

PC
Stand 574
Eastern Annexe

Adaptive Electronics are the Australian Microcomputer Mass Storage specialist. The Company deals only in mass storage and carries a comprehensive range of floppy and hard drives.

The Company became aware of the growing market need for high quality mass storage devices. Local manufacturers and importers of micro-computers also expressed concern regarding warranty and technical support difficulties due to Australia's geographical isolation. Adaptive now provides these services to the computer market place.

To avoid conflicts of interest, Adaptive Electronics has gradually stopped marketing whole computer systems and is concentrating on the importation, implementation and support, of the latest mass storage peripherals, Australia wide.

Adaptive's major area of operation is the national distribution of Tandon mass storage devices and has been the sole authorised Australian Tandon distributors for five years.

Products available from Adaptive Electronics include: 10, 20 & 50 Mbyte half height hard drives, 10, 15, 25, 30, 70 Mbyte full height hard drives, controllers for the IBM market, a large range of floppy drives and the new 20 Mbyte Tandon hard card.

Adler Business Machines Pty Ltd

35 Albert Road
South Melbourne
Vic 3004
Tel: (03) 267 5311

OT
Stand 1015
Western Annexe

Triumph Adler brings almost a century of experience to Office Technology '86 with its full range of electronic typewriters, microcomputers, photocopiers, shredders, guillotines and dictating machines.

Founded in 1898 in Frankfurt, Germany, the company now manufactures every fifth electronic typewriter in the world, the latest of which are the **SE1020** and **SE1035** with 6500 characters of memory and separate, ergonomically designed keyboards. On display will be the **SE320**, featuring 40-character display, 4000 character correction memory, electronic phase memory and ultra-quiet operation (-63dB).

Also exhibited will be TA's family of six new photocopiers ranging from the handy desktop **TA209**, to the "power house" **TA2502**, and the TA Alphatronic **P50/P60** microcomputer range, which comes standard with 256K-bytes of memory, and is expandable to 515K-bytes.

TA's display will also include shredders, guillotines and dictating machines.

The Age

250 Spencer Street
Melbourne
Vic 3000
Tel: (03) 60 0431

PC
Stand 721
Eastern Annexe

Visit The Age stand and find out how The Age is put together, and how modern newspapers are taking advantage of the latest technology. While you are there you will see editorial copy on line from The Age computers in Spencer Street.

You can pick up a copy of **Future Age** which has established itself as a must for those people interested in science and technology. It appears in The Age every Monday and has a wide following.

You can also pick up a copy of the special Age Show supplements.

Each Tuesday the computer pages published in **Business Age** present Australias informed and informative assessment of the computer industry. In regular supplements and popular **Green Guide** radio and television section features the latest in home computers.

AHI Precision Aust

51-53 Capella Crescent
Moorabbin
Vic 3189
Tel: (03) 555 4077
Tlx: 151139

OT
Stand 823
Western Annexe

AHI Precision Australia manufactures a wide range of steel fabricated office furniture and computer storage systems, comprising vertical filing cabinets, tilt 'n' file cabinets, revolutionary (designed for conservation of space), glida mobile table and computer cabinets, lateral filing cupboards, heavy duty mobile cupboards, card and document cabinets, moduline cabinets, stationery cupboards with or without inserts, pidgeon hole cupboards and units, industrial lockers, vertical and horizontal plan cabinets, office desks of 19mm and 32mm thicknesses, L shaped returns, library shelving, high density filing systems and panel shelving.

AHI dealership and agencies not only expand throughout Victoria, but also throughout Qld, NSW, SA, Tas, WA and Northern Territory and many Pacific regions.

AHI Precision Aust boasts pride in all its products and gives total guarantee. All enquiries are welcome.

Alpha Technology Pty Ltd

Suite 3, 420 Princes Highway
Narre Warren
Vic 3805
Tel: (03) 704 6000

PC
Stand 213
Eastern Annexe

The most fundamental component of any computer system is the operating system. Alpha Technology is very pleased to be associated with this world release of **Multidos**, from MicroFrame Systems, Sydney. Multidos transforms any MS-DOS microcomputer into a true multi-user multi-tasking system with support for up to seven low cost terminals.

Provision is made for full file and record locking, user identities and passwords, software and data protection, user access levels, electronic file and memo capability, full multi-printer spooling capacity, background or batch processing, midground (window) processing, and many others.

Alpha Technology manufactures **RAM Expansion Cards** for the Sirius/Victor range, providing up to 768 Kb, enabling 896 Kb total system RAM with a single RAM card and is presently developing other significant enhancements for the Sirius/Victor range.

The **Delta Drives** from Delta Computer Systems Pty Ltd of Sydney are

external floppy drives which can be attached to either a Sirius or Apricot, and permit the direct access to nearly 200 CPM and MS-DOS formats on disks sizes ranging from 3.5 inch to 8 inch.

Omega Technology Pty Ltd of Adelaide will also be represented.

The Amstrad User Group

Suite 1, 245 Springvale Road
Glen Waverley
Vic 3150
Tel: (03) 233 9661

PC
Stand 115
Eastern Annexe

From a small beginning at the start of 1985, the number of Amstrad User Groups throughout Australia has mushroomed to nearly 30 with representation in every state.

Victoria, which can claim to have established the first group, has also grown rapidly from 4 to 9 groups in just 12 months with many other people anxious to form a group in their particular locality. The number of members to each group varies from between 25 and 120, but at least 500 Victorians attend group meetings.

Meetings generally take place once a month with some groups providing additional meetings to cover specialised training in Basic programming and other aspects of the Amstrad. Special interest groups have been set up to concentrate on program developments in machine code and hardware modifications, whilst others prefer to investigate existing software packages for all to understand.

Demonstrations of new products, like the PCW8512 or 8256 computers, the CMP2000 printer or 64k RAM extensions are another of the activities to expect. Many groups have built up a library of the most popular books available for the Amstrad and are lent out to members for anything from 4 to 8 weeks.

Growing with and supporting the groups has been the monthly magazine, The **Amstrad User**, which is by far the largest selling magazine of its kind in Australia and regularly publishes programs from users nationwide.

Whether a novice or more experienced user, there is always something to be learnt by joining your local Amstrad User Group.

Apple Computer Australia Pty Ltd

37 Waterloo Road
North Ryde
NSW 2113
Tel: (02) 888 5888
Tlx: 73914

PC
Stand 304
Eastern Annexe

The Apple stand is the one to visit for demonstrations of innovative, high quality hardware endorsed by over 80,000 users in Australia.

Application solutions will be the main theme of the Apple stand. In addition to Apple's own software, distributors of major application software will be displaying and demonstrating on the Apple stand. There will be Macintosh packages for accounting, spreadsheets, project management, integrated programmes, designing and word processing — most business problems solved!

Apple will also be exhibiting the powerful **Apple IIe** with communications capability and colour, as well as the portable IIc, also with colour. Both educational and business software will be demonstrated on these computers.

The IIe is truly living up to "Apple II forever" — this now comes with up to 1MB of memory, and the option of 800K 3½" disk drive, 400K 5¼" drive or **Duodisk** dual 5¼" drive. There is a choice of monochrome or colour monitor. The IIe is fast and powerful, and still boasts a larger software selection than any other personal computer.

Desktop publishing will be shown using the **Macintosh Plus** and **Laserwriter Plus** with software like **Pagemaker** to produce print-quality output with graphics for newsletters, reports and proposals.

Apple User's Society of Melbourne

PO Box 49
Burwood
Vic 3125
Tel: (03) 877 1990

PC
Stand 117
Eastern Annexe

Originally a sub-group of the Micro-Computer Club of Melbourne (MICOM), the Apple Users' Society of Melbourne (A.U.S.O.M.) Inc. was established as a non-profit club in 1980 to bring together a small, but growing number of Apple computer users. The club was incorporated in July 1985 and now includes Apple][, //e, //c, Macintosh and Macintosh Plus users as well as users of Apple compatible computers.

A.U.S.O.M. Inc. presently has a combined membership of approximately 1,000 individuals, families, schools, libraries, other user groups and corporations.

A.U.S.O.M. Inc. offers many services to its members: book and magazine lending library, monthly newsletters, public domain software, computers courses, bulletin board systems (AUSOM Inc BBS & Macboard), purchasing and discount schemes and special interest groups (SIGs).

A.U.S.O.M. Inc. is unique in that it attracts three to four hundred people to its monthly meetings held on the first Saturday of each month (except January) between 1.30-5 p.m. at the Burwood Education Centre at Victoria College, Burwood. The next meeting will be held on June 7 and visitors are always welcome.

A.U.S.O.M. Inc. has three aims: to promote greater fellowship among computer users; to act as a unifying body, information repository and clearing house for and on behalf of the members; and to promote personal computing with approximately 1,000 members is run by volunteers!

Archives Computers Aust Pty Ltd

64 Clarendon Street
South Melbourne
Vic 3205
Tel: (03) 699 8377
Tlx: 39388

PC
Stand 301
Eastern Annexe

archives

The excitement continues in Melbourne now, with Archives displaying the **Micro Five** which was officially launched in Sydney at PC86. Many thought the Micro Five to be one of the most exciting products to come out of the Show.

The Micro Five provides full IBM compatibility. Designed specifically to drive multiuser systems, Micro Five sets a new standard in business computers and should be of major interest to dealers, OEM's and true system users.

Available as a stand-alone PC system and in multiuser configurations using Xenix timeshare, bus networking or local area networks such as Novelle and 3Com, the Micro Five boasts astonishing speed and performance.

Archives will be demonstrating their range of multiuser business and accounting software which is available for over 200 different microcomputers.

Archives will also display the **PC Slave** which is a cost effective performance orientated, bus network for adding up to 31 additional workstations to your existing PC XT or AT. Archives will be distributing the **KT7/PC** to dealers and OEM's requiring a quality dumb terminal for Xenix and other timeshare based applications.

Also exhibited will be the Archives cure to RSI — come and see it.

STAND BY STAND

Arcom Pacific

252 Abbotsford Road
Mayne
Qld 4006
Tel: (07) 52 9522
Tlx: 44187

PC
Stand 408
Eastern Annexe

If you are looking for the latest business software for your IBM PC, XT, AT, close compatible or Macintosh, then a visit to ARCOM Pacific's stand is a must. They represent such companies as Ashton-Tate, Borland, Computer Associates (formerly Sorcim), Digital Research, and SAMNA.

From Borland, comes **Turbo Lightning** providing an inflight thesaurus and spelling checker, as well as **Reflex**, a Mac version of Sidekick, **Turbo Prolog** and a range of Turbo Pascal language tools.

You will want to find out more about **Framework II**, Ashton-Tate's superlative spreadsheet and word processing integrated package, as well as **dBASE III Plus** and LAN Pack.

Computer Associates has produced an enhanced version of **SuperProject Plus**, recognised to be a leading project management software for micros.

Digital Research brings news of **GEM Collection**, **GEM Graph** and **GEM Wordchart**. There is also the Australian designed and manufactured **Hyperam** board from Hypertec, and other hardware products from Dr Zucker and Emerex.

SAMNA V3.0 is the turbo version of this Rolls Royce of word processing packages.

Assco

17 Heatherdale Road
Ringwood
Vic 3134
Tel: (03) 873 2266

PC
Stand 108
Eastern Annexe

Assco (formerly Australian Survey Systems Co.) offers systems, support and training to personal computer users in the professions, e.g. Architects, Engineers, Consultants, Public Accountants and other professionals. The Assco Stand will also be host to two associated enterprises: Barrington Corporation and Ergo Computers.

Heading their stand will be a once-a-year "Show Stopper" special 171/2% discount on all Hewlett Packard Calculators sold at the Show.

The major professional product on show will be **AutoCAD** on the latest NEC Personal Computer hardware with Hewlett-Packard plotter and Hitachi **Tiger Digitiser**. Also of interest is **microSTRAN** — structural analysis and design software from Engineering Systems.

Assco also provides general business systems to professional users to assist in improving productivity and performance. Systems on show will be **Sybiz**, **Open Access** and other professional application packages.

Barrington Corporation is an associated company which imports and distributes specialised peripherals, instruments and supplies to the Survey and Civil Engineering markets. On show will be **Ioline** drafting to size plotter, **Barrington** pens and **Flip-Track** training tapes.

Ergo Computers imports a family of IBM compatible personal computers from Hong Kong. The central feature of their stand will be four new systems including the models released in May at Fall Comdex in Atlanta. These are **Macro-88 Turbo**, **Super-Turbo**, **Macro-AT** and **Super AT**.

Atlantis International Computers

49 Wadham Parade
Mt Waverley
Vic 3149
Tel: (03) 277 3139

OT
Stand 818
Western Annexe

Atlantis PC/XT computers and **Atlantis XT Turbo** computers are now being assembled in Australia. Coming with dual disk drives 640K RAM, parallel & serial ports, and either MS-DOS 2.11 or MS-DOS 3.10 Atlantis International Computers are confident that it will be a great market success.

As AIC assemble the computers themselves from the highest quality components, they can offer a full 12 month warranty. In addition to this extended warranty, they guarantee that if they cannot repair any fault within 15 minutes then the faulty item will be replaced.

Along with PC/XT compatibles, Atlantis specialises in supplying a wide range of peripherals and accessories to business, schools, government departments and the general public at competitive prices. They have a wide range of stock items such as composite, TTL and RGB video monitors, 300/1200/1200-75 baud modems, PC/XT expansion cards, super 5 dot matrix printers and consumables such as disks & paper.

Atlantis International Computers have been importing for two years and have been supplying the computer industry both trade and consumers. They have over two and a half years experience in the industry and they are sure that they can help solve your computing problems, as well as provide friendly, professional service and advice.

Australia Post

191 Queen Street
Melbourne
Vic 3000
Tel: (03) 609 4546

Comms
Stand 943
Western Annexe

Experienced staff will be on hand to explain and demonstrate Australia Post's newest electronic services which are revolutionising the postal service in Australia.

E-POST stands for electronic post, and is tailor made for the business person who is too busy to leave the office. All you do is call the special E-POST line and dictate your message. Australia Post then delivers your letter, perfectly typed on quality stationery to the addressee in the next available mail delivery. Or with Australia Post's Express Courier service it can be delivered within two hours.

E-POST offers three services: **Lettergram** — up to 100 words or 10 lines, **Letter** — up to two A4 pages, and Bulletin — a standard text letter than can be sent to 25 addresses or more.

Also available is **INTELPOST**, which is linked with Express Courier and offers a 2-hour door-to-door service throughout Australia. INTELPOST is not only confined to typewritten text, but can transmit handwritten memos, diagrams, charts, line illustrations etc. as well as foreign language text. Delivery will be made to more than 30 countries.

IMAGEGRAM allows you to write, draw, doodle your very own personal message across Australia in four hours or, when linked with Express Courier, as little as two hours.

ANZ Bank

22/55 Collins St
Melbourne
Vic 3001
Tel: (03) 65 8382

Comms
Stand 945
Western Annexe

Tranzway is part of ANZ's fast growing

network of electronic services across Australia, and is progressively forging links with other financial organisations to increase accessibility to customers.

Examples of ANZ's cost effective use of technology include: ANZ developed and sponsored private label credit system, research into ECR integration and communication improvements, and Fuel Dispensing.

ANZ CASH is an electronic cash management system which accesses bank information in numerous ways: by the use of a simple terminal to provide balance and transaction reports, high speed data extraction which downloads bank data to a client's mainframe computer, and ANZ CASH, which is a multi bank, multi currency, microcomputer based cash management system.

ANZ TELL is ANZ Bank's Videotex information system, excelling in the provision of volatile financial rates and information throughout the day. For example, foreign currency exchange rates are updated every few minutes. Electronic mail, calculators and credit reference information are other offerings available through the system.

AMIC

Gateway Plaza
449 Swanston Street
Melbourne
Vic 3000
Tel: (03) 663 6775
Tlx: 36406
Cable Addr: MELTECH

PC
Stand 103
Eastern Annexe

The Australian Microcomputer Industry Clearinghouse — AMIC — is dedicated to the task of helping people with information and advice about microcomputing in an impartial environment.

One of six operating divisions of Technisearch Limited, the commercial arm of the Royal Melbourne Institute of Technology, AMIC houses a range of microcomputers, peripherals and software, deposited by more than 20 member computer companies.

Occupying some 6,000 sq ft of modern showroom space in central Melbourne, AMIC offers hands-on access to more than 50 microcomputers (including most of the big-selling brand names) and an extensive library of software. Other services include product demonstrations, consultations and the largest selection of microcomputer courses available in Victoria.

AMIC's biggest attraction to current users, or potential buyers, is that because it isn't affiliated with any company that manufactures or distributes microcomputer products, and is not a selling organisation itself, it can afford the luxury of impartiality and complete objectivity.

Visitors to PC86 can obtain information, and literature about AMIC. Enquiries from the computer industry and prospective Corporate Members are also welcomed.

Australian Quadriplegic Association

70 Station Street
Fairfield
Vic 3078
Tel: (03) 489 0777
Tlx: 33272

OT
Stand 1129
Western Annexe

AQA VICTORIA

A.Q.A. is a business designed to assist the vocational rehabilitation of people who have Spinal Cord Injury. This active, vital group of people are really what self help is all about.

A.Q.A. Telex is a service which boasts competitiveness and efficiency, providing the small business person with a 24 hour receiving service — the answer for the person who does not wish to outlay for the intial cost of installing their own machine.

Let A.Q.A. — Victoria attend to your wordprocessing and mailout needs. They offer the business sector an efficient and reliable service assisting with those tiresome office overloads.

Accept their invitation to stop and enquire about the ways in which they may be able to help you.

Australian Tel-Tec Pty Ltd

4th Floor,
98 Albert Road
South Melbourne
Vic 3205
Tel: (03) 699 8898
Tlx: 151166

Comms
Stand 601
Western Annexe

ADC Telecommunications

Australian Tel-Tec Pty Ltd will display the ADC Telecommunications, Inc range of telecommunications, data and broadcast connecting, accessing and test equipment.

Many new products from ADS will be on display including their **QDF Distribution Frame Block** developed after two years of intensive worldwide market research. ADC QDF-E is a quick connect distribution frame block for both telephone exchange and PABX applications, and is capable of providing individual protection and break access as required.

ADC's new **Fibre Distribution Panel** provides a convenient point for interconnecting outside plant fibre optic cables with telephone exchange fibre optic equipment. ADC's range of Fibre Optic Connectors and Couplers will also be exhibited.

From the ADC range of Data Network Control Products, the **Patchmate** patching and switching systems will be on show. Patchmate provides physical hard-contact access to any data circuit for analysis, re-configuration and restoral of circuit operation.

Connectorisation products include the large range of Pre-Wired Jackfields, Terminal Blocks, Boxes and Panels. Latest products from ADC's audio range include **Pro-Patch** jackfields and **Ultra-Patch** pre-wired assemblies.

Barson Computers Australasia Ltd

335 Johnston Street
Abbotsford
Vic 3067
Tel: (03) 419 3033
Tlx: 36443

PC
Stand 348
Eastern Annexe

A full range of microcomputers from individual executive machines to powerful networks for large corporations and departments, together with educational machines and teaching networks, will be displayed on the Barson Computers stand.

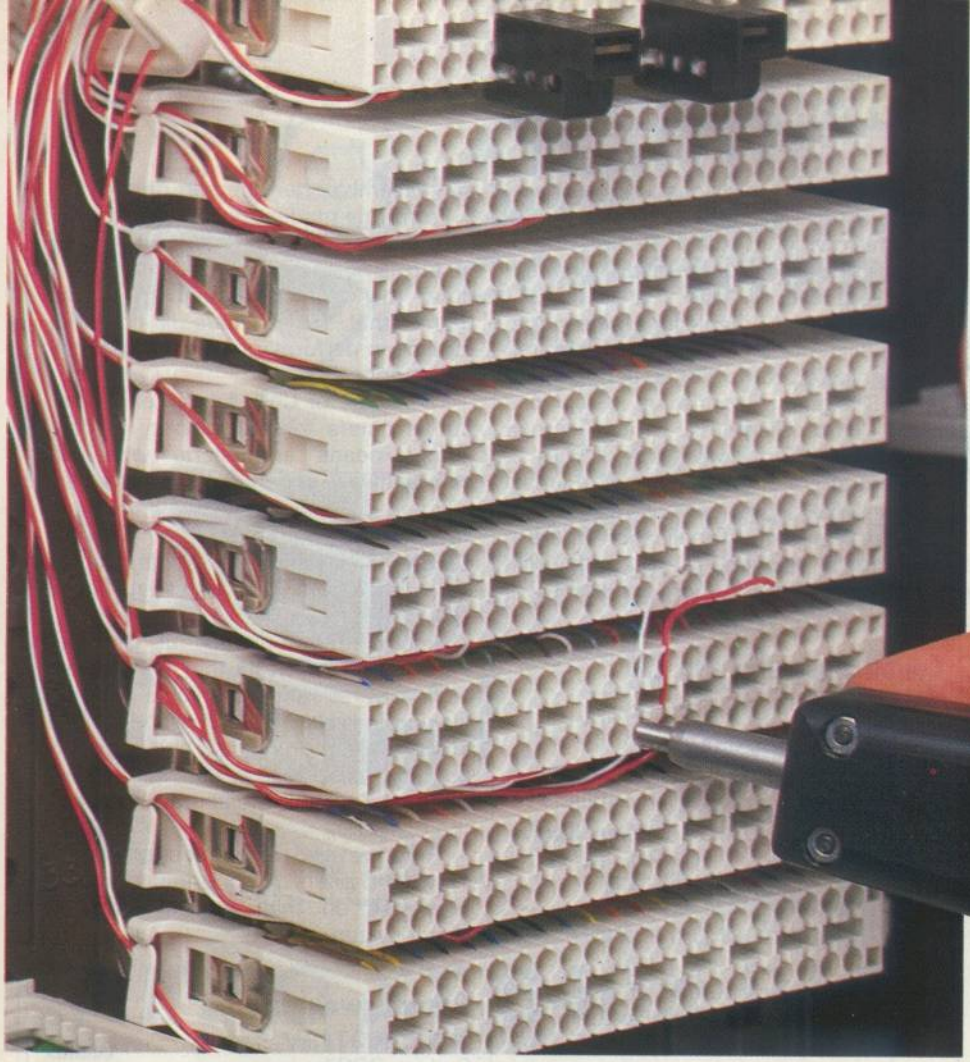
The company is the sole Australian distributor for: Apricot, Acorn, BBC Micro and Vicki.

On display will also be new releases in the Apricot range, including the mighty **'XEN'** offering up to 5 Megabytes of RAM with 20 Megabytes of hard disk, expandable to 40Mb. Other Apricot models on show will be the **F2, F10,** twin 720K floppy disk PC and the **Xi10**. You can see demonstrated the 10 Megabyte disk version of Apricot, which is a highly transportable system with separate monitor.

The BBC educational microcomputers will be exhibited together with the Videotex information system.

To be exhibited for the first time at the Show will be the new **Master Series,** BBC's range of 4 micro's specifically created for middle to higher educational, scientific and business applications.

Expected in time for the exhibition is **Tandon,** an exciting and innovative IBM compatible machine.

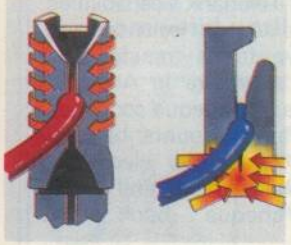


Now Showing Worldwide

QDF-E*, NEW FROM ADC.
TAILOR-MADE FOR YOUR NETWORK NEEDS.

After several years of research with world-wide PTTs and data networks, ADC Telecommunications introduces the newest member of its quick-connect family: the QDF-E Block. Designed to meet the wire distribution needs of both central exchanges and PABXs, the QDF-E Block combines sophisticated individual circuit protection with unparalleled circuit access and ease of installation.

The QDF-E features individual protector modules for cost-efficient 3, 4 or 5-point protection exactly where you need it. The block also allows individual break access for testing or monitoring, even with protectors in place. The integral earth strip also provides back-up 3kv air gap protection. Like all our quick-connect products, the QDF-E Block uses ADC's unique split-cylinder insulation displacement contact (IDC) for fast, reliable terminations. Our split cylinder IDCs accommodate one or two wires, solid or stranded, from .32mm to .63mm (see inset). This innovative method eliminates the time-consuming jobs of wire-stripping, wrapping and soldering, while protecting connections with built-in strain relief. An optional cross-connect wire guide provides for organized installation and wire administration. And our non-orienting installation tools are so simple and reliable, first time users can make perfect connections.



ADC Split Cylinder IDC *Conventional IDC*

With more than half a century in telecommunications, ADC supplies cross-connect technology to PTTs throughout the world. We invite you to see our latest innovation – the QDF-E Block – at the shows listed below.

*Patent Pending

ADC Telecommunications™

Represented in Australia by:

AUSTRALIAN TEL-TEC PTY LTD

Australian Distributor for A.D.C. Telecommunications Minneapolis U.S.A.

4th Floor, 98 Albert Road, South Melbourne, Vic. 3205 Australia Telephone: (03) 699 8898 Telex: AA 151166 LINDEN

6th Floor, 220 Pacific Highway, Crows Nest, N.S.W. 2065 Telephone: (02) 957 2225 Telex: AA 151166 LINDEN

"See Editorial Opposite"

Now Showing Worldwide

See Stand 601

Business Review Weekly

392 Little Collins Street
Melbourne
Vic 3000
Tel: (03) 602 4122
Tlx: 38995

PC
Stand 604
Eastern Annexe

Business Review Weekly and its sister publication **Personal Investment** have shown in 1985 just how vibrant the specific business and investment magazine market-place has been.

No one could have foreseen BRW's circulation would rise by 25% during the past twelve months, given after all, in previous years such dramatic rises have occurred.

During the past four years Australia has witnessed enormous change in its business and financial sector. Now that the Federal Government has granted 16 new licences to world banks, the scene is set for further rapid growth and change in this vital industry.

Since Business Review Weekly's launch in April 1981, the magazine's ciruclation has grown by nearly 100 per cent from 24,000 to 47,929 (6 month ABC audit 30/9/85). This growth is unprecedented among other national business/news magazines and confirms the business decision-makers' choice of BRW as their No. 1 weekly business magazine (Spectrum Research '85).

BRW was founded by Robert Gottliebsen, now the magazine's Managing Editor. Assembled around Gottliebsen is an excellent array of journalistic talent.

Moreover, BRW has a unique editorial tie-up in Australia with Forbes Magazine and this cannot be emulated by BRW's competitors. Forbes is one of the world's leading business magazines.

CAD Draft

153 Mills Street
Middle Park
Vic 3206
Tel: (03) 690 1402

PC
Stand 586
Eastern Annexe

CAD Draft is to the draftsperson or engineer what word processors are to the busy secretary or executive. It is extremely easy to learn and use.

CAD Draft is a Computer Aided Design System (C.A.D.) that utilises microcomputers to bring the benefits of high performance C.A.D. to the smallest office at a fraction of the cost of mainframe systems.

The most common use of C.A.D. is to have a drawing conform to a drafting language — Architectural, Engineering, or Manufacture, complete with notes, scales and dimensions to illustrate a design concept or provide a detailed production drawing.

CAD Draft provides component manipulations such as rotation, scaling, and mirrowing to allow a user based library of symbols to be readily created and used.

The system is suitable for a wide range of applications including: Architecture, Mechanical/Electrical Engineering, System Designs, Shopfitting, Graphics, Flow Charts/Diagrams, Office/Factory Layouts and Cartography.

There are of course many more areas where CAD Draft can be effectively utilized, in fact in any application where a drawing is required CAD Draft will provide it faster and more accurately.

Canon Australia Pty Ltd

10 Hall Street
Hawthorn East
Vic 3123
Tel: (03) 200 6300
Fax: (03) 205670
Tlx: 34571

PC
Stand 516
Eastern Annexe

Canon
The touch of perfection.

E.B.E. Division provide 6 of the world famous products that make them the complete Canon electronic office — the acclaimed **A200 P.C.** compliments the **AS300** business computer; word processors; a comprehensive range of sophisticated electronic typewriters; portable and personal typewriters; a broad spectrum of electronic calculators renowned for their reliability and robust manufacture, and a range of computer peripherals including Canon's own technology manifested in **Laser Beam** and **Bubble Jet** printers.

Canon Facsimile offers significant improvements in simplicity of operation and efficiency. Dialling errors are a thing of the past with one touch auto-dial. High speed transmission, delayed multi-polling, and delayed transmission, all favour the efficient and rapid transfer of vital information. Comprehensive self-reporting functions and many useful features keep the Canon Facsimile among the machine leaders in the market place.

Chendai Australia Pty Ltd

109 Drummond Street
Carlton
Vic 3053
Tel: (03) 663 3030

PC
Stand 701
Eastern Annexe

Chendai initially started in October 1984, when Stephen Graham and Rodney Con Foo joined forces to import IBM compatible computer parts from Taiwan and assemble them here in Australia.

From this modest beginning Chendai has captured approximately six per cent of the IBM compatible Personal Computer market by campaigning on the theme that "since there is little difference in performance you should look at the price."

The range of Chendai personal computers caters for the majority of consumer needs and starts with the competitively priced **CHEN-MC** which has two disk drives, 384k memory and keyboard. At the top of the range is the **CHEN-XT20** which has a 20 megabyte hard disk, 640k memory and daul floppy disk drives.

Since the introduction of **Chendai Personal Computers** they have attracted a diverse range of people who are looking for value for money and include hobbyists, small business and large corporations such as First National Limited, Channel Seven in Melbourne, HBA and the CSIRO.

They are also recommended by the Trawler Owners Association for members use on their recently acquired Viatel system.

Commonwealth Bank

GPO Box 2719
Sydney 2001
Tel: (02) 232 6088
Tlx: AA68008

Comms
Stand 723
Western Annexe

The Commonwealth Banks' exhibit will feature **Telebank**, a national home and office banking service.

Telebank is available through Viatel, Telecom's public videotex network. By connecting a small keyboard to a telephone and UHF television, a useful range of information and banking services can be called up 24 hours a day, and 7 days a week.

Personal and office computers can easily be adapted to access Telebank and details are available at the Stand.

Visitors to the Exhibition will see a demonstration of Telebank's capabilities including: on-line account balances and statement review; funds transfer between accounts anywhere in Australia including savings and cheque accounts, credit cards and loan accounts; bill payment including telephone, electricity, gas, land and water rates and many others; and cheque book and statement order.

Information services on Telebank include regularly updated domestic money market and foreign exchange rates and a wide range of travel information, including air fares and holiday packages available from the Bank's travel service.

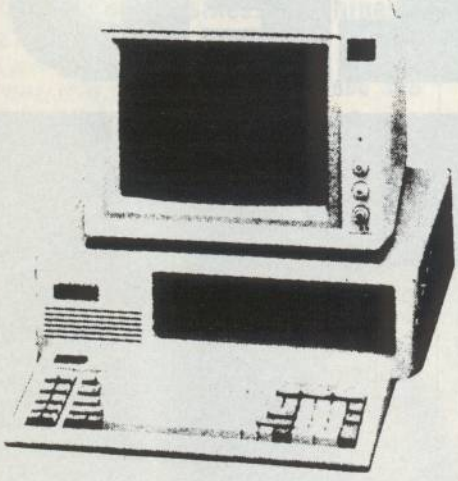
ATLANTIS INTERNATIONAL COMPUTERS

IMPORTERS
SUPPLIERS
DISTRIBUTORS
& SALES

49 WADHAM PARADE, MT. WAVERLEY, VIC. 3149

PHONE: 277 3139, 277 7187

See us at stand 818 Western Annexe



ATLANTIS PC-640K RAM

8088 PROCESSOR

LICENSED MS DOS 2.11
2 x 360K (JAPANESE) DISK DRIVES
1 x MULTIFUNCTION CARD
1 x SERIAL PORT
1 x CENTRONICS PORT
1 x JOYSTICK PORT
1 x COLOR GRAPHICS CARD
1 x RGB PORT
1 x COMPOSITE PORTS
CLOCK/CALENDAR
TOTAL PRICE

EX-STOCK
ATLANTIS PC/XT

$1400 Inc.
Valid till 18/6/86

IBM COMPATIBLE PC/XT 640K RAM

TURBO XT 640K RAM $1500 Inc.

WITH LICENSED MS DOS 2.11

Valid till 18/6/86

Both Systems come with 12 months warranty.
Japanese Components and are assembled in Australia.

WIDE RANGE OF MODEMS, PRINTERS, MONITORS, AND ACCESSORIES FOR YOUR PC/XT/AT.

DS/DD DISKETTES
RRP **$28.95**
per 10

SS/DD DISKETTES
RRP **$20.95**
per 10

MOUSE
RRP **$199**

MODEMPHONE MK1
300/1200/75 *RRP* **$249**

PC-JOYSTICKS
RRP **$45.00**

(Prices Subject to change) **Prices Valid until the 18th of June. All coupon savings and specials are valid until the 18/6/86 1 COUPON per item ONLY AND NOT REFUNDABLE FOR CASH.**

All prices valid 18/6/86

$5.00 *Value per 10 disks* Produce this coupon and receive the value off the RRP on disks.

$35.00 *Value* Produce this coupon and receive the value off the RRP on Modems & Mouse

SPECIALS
20 mb Hard Drive and Controller Card
$1000.00
Valid till 18/6/86

SPECIALS
COMMODORE MODEMS
$75.00
Valid till 18/6/86

SPECIALS
DISK NOTCHERS
$8.00
COMMODORE DUST COVERS
from **$7.95**
COMMODORE JOYSTICKS
TO SUIT **$29.00**

AMIGA REVEALED



YOU'LL SEE AMIGA
DOING THINGS THAT
NO COMPUTER HAS
EVER DONE BEFORE
ON STAND 328

commodore
KEEPING UP WITH YOU.

TEAM 2787

STAND BY STAND

In the twelve months Telebank has been available significant enhancements have taken place to make the service more attractive to business users. These developments include **Telebroking**, a sharetrading service and a multiple-account facility enabling customers to access up to 100 different accounts.

Commodore Business Machines

67 Mars Road
Lane Cove
NSW 2066
Tel: (02) 427 4888

PC
Stand 328
Eastern Annexe

C= commodore COMPUTER

Commodore this year is proud to boast a full computer range that will cater for people of all ages and professions.

The recently released **'Amiga'** promises to revolutionize the computer industry with its sensational graphics and sound capabilities.

Aimed at the small business or creative professional requiring a powerful, user friendly machine at a reasonable price, the 'Amiga' has also captured the imagination of the home market with its dazzling graphic and audio capabilities.

In the home computer market, Commodore will be marketing the **C16 Games Pack** and the 'World's' No. 1 selling computer, the **C64.**

An addition to the range is the **C128**, a computer that boasts 64 compatibility.

Also available will be the **128D**, a compact 128 with built-in disk drive, which folds neatly together for easy portability.

In the business range, Commodore will be showing the **PC-10** and **PC-20** IBM compatible PC's, value at $1999 and $3600 respectively.

Communications and Peripherals Australia

25 Hardner Road
Mt Waverley
Vic 3149
Tel: (03) 544 3444
Tlx: 151781

PC
Stand 120
Eastern Annexe

Boasts of sales of over $12,000,000 in the last year support their claim that more customers than ever are benefiting from the dedicated support of an Australian owned company.

Services available include supply, installation and maintenance of portable and desktop computers, plotters, digitisers, printers and terminals anywhere in Australia, third party maintenance of personal computers and peripherals and customisation of standard hardware to suit specific applications.

Complete Data Processing (Aust) Pty Ltd

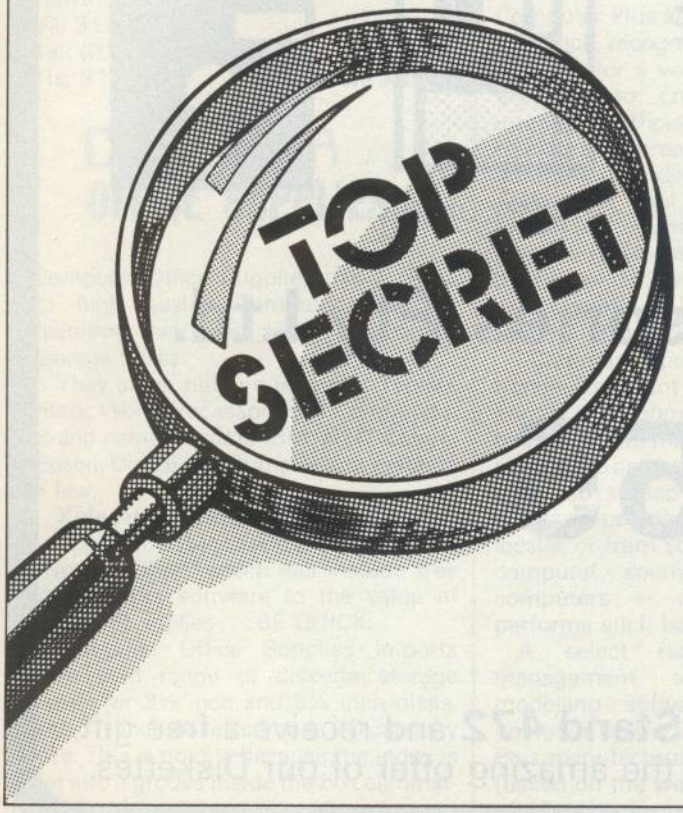
13 Hampshire Road
Glen Waverley
Vic 3150
Tel: (03) 561 7222

PC
Stand 357
Eastern Annexe

Complete Data Processing will present the impressive range of Sharp business computers. Sharp's wide range encompasses models from pocket size, through to the latest Advanced Technology high capacity systems.

Highlights within the Sharp line-up, include **PC7000** which boasts an impressive array of features. 384k of RAM comes standard and a further 384k may be added, without the need for expensive boards or expansion units. Dual industry standard disk drives are

The following information is classified



MICROFRAME SOFTWARE Announces the OFFICIAL MELBOURNE RELEASE of the REVOLUTIONARY NEW

"MULTI-DOS"

on 1 June, 1986 at Melbourne PC '86.

GET THE COMBINED CAPABILITIES OF 6 PCs BY LINKING 5 LOW-COST DUMB TERMINALS TO YOUR EXISTING WINCHESTER-BASED PC.

MICROFRAME SOFTWARE has perfected a system for those who require more than one computer and appreciate cost effective purchasing — **without the associated problems of many LAN systems.**

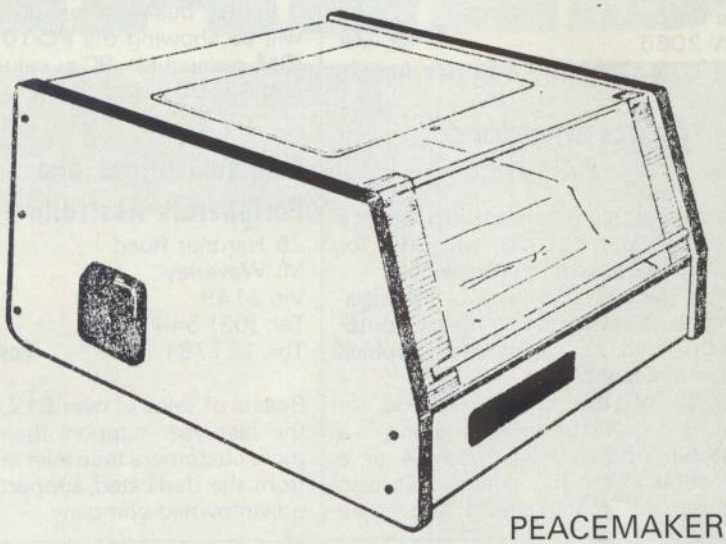
"MULTIDOS" is the first Winchester based Multi-user, Multi-tasking operating environment for all **MSDOS** and **CP/M-86** users.

Now you can have a **MULTI-USER / MULTI-TASKING** system which gives each dumb terminal its own environment and such **features as you would only expect in a MAINFRAME MULTI-USER SYSTEM.** so come to:

ALPHA TECHNOLOGY PTY LTD
Stand 213
Melbourne PC '86
Seeing is Believing!

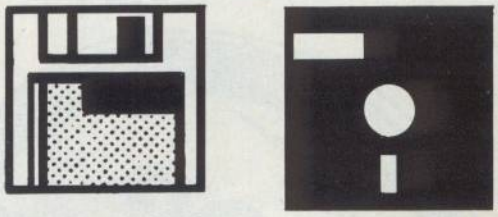
CummingE/MF/SM1234

Le disc
by de Vere



PEACEMAKER

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- MICRO COMPUTERS
- COMPUTER FURNITURE
- COMPUTER MAGNETICS
- CONTINUOUS STATIONERY
- RIBBONS — LABELS
- 24 HOUR EMERGENCY SERVICE
- TRADE ENQUIRIES WELCOME



FLOPPY DISKS

de Vere
Computer Accessories Pty Ltd.

690 8955

286 Kingsway, South Melbourne

WE HAVE IT ALL

Come to **Stand 472** and receive a free gift, and see the amazing offer of our Diskettes.

provided, and further storage may be added by connecting the optional hard disk. The 7.37 MHz 8086 chip, at the heart of the **PC7000**, ensures that your software applications will always be in front of the pack for speed and versatility.

Also featured will be **PC1100** which offers facilities previously seen only on desktop models. Built-in calendar, telephone directory and notation facilities mean that important information is always available at your fingertips.

PC1350, is a new concept in pocket computer design. It provides 4 lines of 24 characters which display standard numbers and letters. Graphics are also supported with a resolution of 150 by 32 individually addressable pixels. Supplied standard with a large 5k RAM, the PC1350 can be further expanded via the addition of 8k or 16k RAM cards.

PC1500A comes complete with 8.5k RAM. Additional RAM chips take memory up to a huge 24.5k. **PC2500** incorporates a 4 line display, 4 colour printer/plotter, full size QWERTY keyboard, RS232C interface, RAM card expansion and built-in software to provide a powerful ready-to-go business tool.

Computer Office Supplies

1st Floor, 165-167 Burwood Road
Hawthorn
Vic 3122
Tel: (03) 819 5588
Tlx: 31255

PC
Stand 107
Eastern Annexe

COMPUTER OFFICE SUPPLIES

Computer Office Supplies has a range of high quality Computer Supplies featuring their own range of diskette storage boxes.

They stock ribbons for most Typewriters, Word Processors and Computers. Brand names include IBM, NEC, Canon, Epson, Digital and Qume — just to name a few.

Xidex disks are available in three sizes — 3½ inch, 5¼ inch and 8 inch. A Xidex "Special Offer" which will include free **Wordworks** software to the value of $495.00 applies . . . BE QUICK.

Computer Office Supplies imports their own range of diskette storage boxes for 3½ inch and 5¼ inch disks. The 3½ inch boxes come in 90 capacity size. This is unique because the index is set into a groove inside the box eliminating the risk of dust and grime.

The 5¼ inch boxes come in 50 and 100 capacity models. The lid comes off for ease of use and the boxes are stackable.

Computer Office Supplies also stocks a range of computer paper, adhesive labels, invoices, typewriter correction tapes, binders and binder trolleys, anti static mats, footrests and computer care kits.

Wholesale and retail enquiries are welcome.

Computer Plus

5 Walkers Road
Nunawading
Vic 3131
Tel: (03) 877 7711
Tlx: 135053

OT
Stand 1030
Western Annexe

Computer Plus

Computer Plus is a service company. Its ability to manufacture computers to a high standard is but one example of the level of customer acceptance to its professional workmanship and after sales service. Today this extends from comprehensive hardware, software and operation support through to manufacture and supply of complete computer systems for tried and true applications.

In the field of office technology, Computer Plus sees a need for a flexible approach, recognising the existence and demand for a wide variety of different products to come together as an integrated efficient system. But unlike traditional approaches by the industry in attempting to develop all the products under one roof, Computer Plus has researched users' business needs, identified the best products available and built an environment within which they can operate — an "Executive Work Station" (EWS).

"Communications" is the ability to transfer relevant information between people not computers. The EWS is designed with this objective in mind. It is a simple to operate compact tool with the ability to spread business information between people whether it originates locally, or from some external people or computer source. As for personal computers — of course the EWS performs such basic tasks as well.

A select range of office aid, management tools and financial modelling software is available for operation on the EWS and the Computer Plus manufactured **Modular-II** systems (based on the well accepted DEC range of CPU's).

systematic

Win $4000

worth of business software including development system and application at

ROYAL EXHIBITION BUILDING

PC 86

MELBOURNE 1-4 JUNE 1986

- ENTER THE SYSTEMATIC COMPETITION
- SEE POWERFUL APPLICATIONS BUILT WITHOUT PROGRAMMING

Ask for Systematic at these stands

IBM

OLIVETTI

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(03) 87 7760

Interface Management Systems Ltd

VISION COMPUTER CORPORATION

VISION COMPUTER CORPORATION is a Nationally represented Computer Supplier specialising in distributing both IBM and IBM compatible products throughout Australia. As part of an ongoing promotion of our products we are pleased to offer prospective computer buyers these incredible PC 86 Specials.

IBM PRODUCTS	RETAIL PRICE	VISION PRICE	DISCOUNT %
IBM AT ENHANCED MODEL 99			
- 512K Memory - 20 Mgbyte Seagate 4026 - Combination Serial/Parallel - Keyboard	$11,250	$7,995	29%
IBM PC			
- 256K Memory - 1 Floppy Half Height Drive (360K) - Keyboard - 5 Slots	$ 4,456	$2,995	33%
VISION AT ENHANCED MODEL 99			
- 640K Memory - 30 Mgbyte Seagate 4038 (36 ms) - Combination Serial/Parallel - Keyboard - 8 Mhz CPU 80286 (Switchable)	$ 7,995	$4,995	38%
RAKOA IBM COMPATIBLE PRODUCTS			
RAKOA PC MK VI			
- 256K Memory - 2 Floppy Half Heights (360K) - Keyboard - 8 Slots	$ 2,195	$1,490	32%
ACCESSORIES			
COLOUR ADAPTER WITH PRINTER PORT	$ 310	$ 210	32%
MONO/GRAPH ADAPTER WITH PRINTER PORT	$ 295	$ 195	34%
SEAGATE HARD DISC 10 MGBYTE INC. CONTROLLER	$ 1,795	$1,095	38%
SEAGATE HARD DISC 20 MGBYTE INC. CONTROLLER	$ 1,995	$1,295	35%
IRWIN INTERNAL TAPE 10 MGBYTE NO BOARD REQ.	$ 1,175	$1,095	7%
IRWIN INTERNAL TAPE 20 MGBYTE NO BOARD REQ.	$ 1,390	$1,195	14%
PRINTERS AVAILABLE C-ITOH, TOSHIBA, BROTHER	P.O.A.		-
ALL SOFTWARE PACKAGES AVAILABLE LOTUS ETC.	P.O.A.		-

ALL EQUIPMENT PURCHASED IS COVERED BY A THREE MONTHS' WARRANTY PERIOD AND UPON COMPLETION AN "ON SITE" COMPREHENSIVE MAINTENANCE CONTRACT IS AVAILABLE THROUGH OUR NATIONAL ENGINEERING DIVISION, FOR 12% OF THE PURCHASE PRICE.

THE VISION PRICE OFFERED IN THIS ADVERTISEMENT ARE ALL INCLUSIVE OF SALES TAX AND WILL ONLY BE AVAILABLE FROM OUR STAND NO. 313 AT THE PC86 - MELBOURNE, FOR THE PERIOD 1ST-4TH JUNE, 1986.

INTERSTATE CUSTOMERS WISHING TO PURCHASE CAN RING TOLL FREE (008) 226 224.

Consultech Australia Pty Ltd

271 Blackburn Road
Mount Waverley
Vic 3149
Tel: (03) 233 8999

PC
Stand 227
Eastern Annexe

Consultech Australia began in 1983 as a consultancy to small business in such areas as System Analysis and feasibility studies through to system sourcing, customization, installation, training and support. In order to optimise the relationship between price and performance Consultech started importing its own products constantly monitoring the quality of these products and ensuring that its customers were given access to the latest developments within a realistic price frame.

The products marketed by Consultech have always been in the forefront of computer development from the popular **ARC Turbo** to the **CA KBMV23** (Keyboard Modem for VIATEL), which was developed by Consultech specifically for the Australian market.

Consultech is involved with import, export and design of High Technology products. They import (and will soon export) a wide range of computers. Their latest product, our VIATEL keyboard modem, (CA KBMV23H/B (HOME & BUSINESS)) has made Consultech one of the leading companyies dealing with Viatel.

To ensure its success Consultech provides a low cost modem for the home, and extensive service facilities, to encourage people to use the system.

Coopers & Lybrand

385 Bourke Street
Melbourne
Vic 3000
Tel: (03) 606 4500
Tlx: 32303

PC
Stand 309
Eastern Annexe

Coopers & Lybrand specialises in offering professional, independent advice to prospective users of business oriented microcomputer systems, and have built up a level of expertise and knowledge of both hardware and software to achieve this.

Coopers & Lyband do not deal in any hardware or software and as such are completely independent of all suppliers of microcomputers and software. They can therefore offer frank advice to potential buyers as to the relative merits of equipment in order to meet their present and on-going business needs.

Coopers & Lybrand are also extensive users of a variety of microcomputer based systems within the firm, and this practical hands on experience is always available to the benefit of clients of the firm.

Coopers & Lybrand have available for demonstration at the Show a number of working examples of microcomputer systems, including those operating in a stand-alone environment; systems using communications' links to a variety of public access data bases and bulletin boards; and systems linked to mainframe computers in order to demonstrate the characteristics of micro to mainframe connection.

In addition, a number of products developed by Coopers & Lybrand for internal purposes are becoming available for use by clients.

Copiquest Pty Ltd

423 Clarendon Street
South Melbourne
Vic 3205
Tel: (03) 690 8766

OT
Stand 820
Western Annexe

After the successful launch of its P.P.C. range here, Sanyo Office Automation Division is looking to further increase its share of the very competitive Australian plain paper copier market.

Sanyo currently offers 7 models of Plain Paper Copiers. At the lower end is their mini flagship the Portable Sanyo 600.

This copier is unique to Australia and

Show stoppers



PC 86 It's coming soon. The PC show bargain sell out. Assco is offering brilliant new Hewlett-Packard calculators at greatly reduced prices. This is a cash only, strictly limited offer from June 1 to 4, or whilst stocks last.

See you at the show, Stand 108.

	Regular Price	Show Price*
HP11C	$95	**$78**
HP12C	$170	**$140**
HP15C	$165	**$135**
HP41CV	$295	**$240**
HP41CX	$415	**$340**
HP41 series card reader	$327	**$270**
HP41 series printer/plotter	$654	**$540**

ASSCO

Assco (Vic) Pty. Ltd. 17 Heatherdale Rd., Ringwood 3134. Tel.(03) 873 2266
Adelaide (08) 232 1333 Hobart (002) 23 5512

* Excludes sales tax

Sextant 94

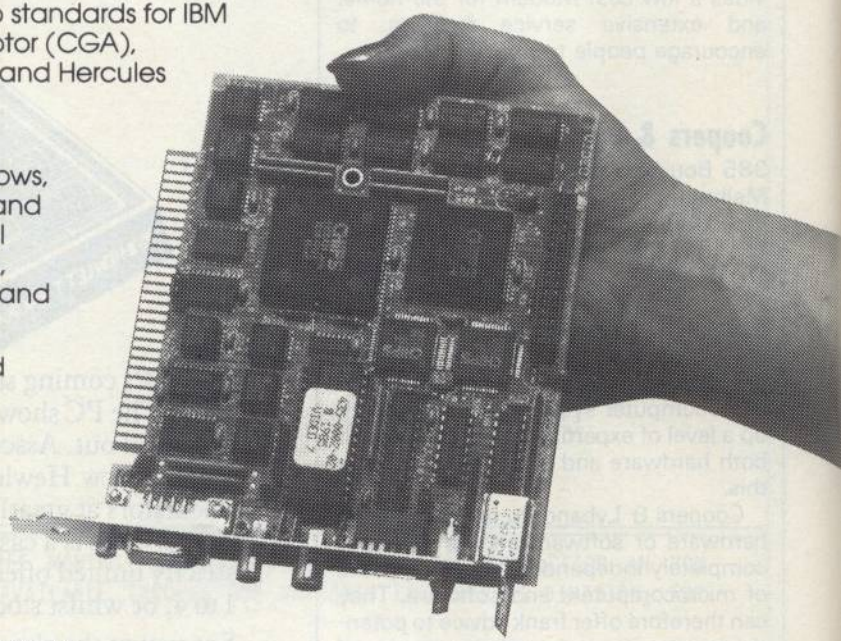
FOUR IN ONE

VEGA video7

Video-7 Enhanced Graphics Adaptor for the IBM PC family fully compatible with 256K EGA, CGA, MDA, and Hercules.

VEGA Features & Benefits

- 100% compatible with all IBM Enhanced Graphics Adaptor modes, with 256K Bytes of display RAM standard.
- Fully compatible with all popular video standards for IBM PC, including the Color Graphics Adaptor (CGA), Monochrome Display Adaptor (MDA), and Hercules Graphics Card (HGC)
- Supports all popular IBM PC software without special drivers, including Windows, Word, and Chart from Microsoft; 1-2-3 and Symphony from Lotus; GEM from Digital Research; Framework from Ashton-Tate, Mirage from Zenographics, In*a*vision and DRAW! from Micrografx.
- Supports enhanced colour, colour, and monochrome displays with switch selection of colour or monochrome without removing the PC's cover.
- **Short Slot** design fits in any slot of any IBM PC, XT, or AT, as well as most PC-compatibles (including slot 8 of the PC/XT)



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EGA, CGA and **IBM** are trademarks of International Business Machines Corp; **Microsoft** is a trademark of Microsoft Corp., **1-2-3, Symphony** and **Lotus** are trademarks of Lotus Development Corp., **GEM** is a trademark of Digital Research, Inc.; **Framework** is a trademark of Ashton-Tate, **Mirage** is a trademark of Zenographics, **In*a*vision** and **DRAW!** are trademarks of Micrografx, **Hercules** is a trademark of Hercules.

DIMENSION GRAPHICS PTY. LTD.
Incorporated in New South Wales

COMPUTER GRAPHICS SOFTWARE SPECIALISTS
201 Miller Street, North Sydney. 929 5855

represents a truly portable, multi-feature A4 copier.

Not only does it copy in colour, it is able to be programmed whilst warming up, to produce up to 99 copies.

Of course, on the larger Sanyo models, automatic document feeders, sorters, staplers, bulk paper trays and 999 programmable copy capacity are available.

On the top models there is a zoom lens facility that allows operators to enlarge or reduce in increments of 1% at the touch of a button.

This facility combines with 6 preset reduction and enlarging modes, chosen as the most often used in general offices, and also incorporates margin shift selection.

With *all* Sanyo zoom lens models there is also operator assistance given via the 'Zone Reference' guide which clearly indicates which of the 6 presets you are between, when using the 1% increment selection mode.

Copispec Pty Ltd

87-93 Bay Street
Port Melbourne
Vic 3207
Tel: (03) 647 9111

PC
Stand 456
Eastern Annexe

Copispec Pty Ltd who boast to be the main suppliers of Toshiba office products in Melbourne are now also a newly appointed Wang Computer dealer.

On display will be the entire range of Toshiba Computer Products including two exciting new Toshiba portable computers, the **T2100** and **T3100**. In addition the **T1100 Portable Lap Computer**, **T1500 PC** and a new range of Toshiba printers.

Wang will also be on display with the PC and APC systems using the famous Wang word processing.

Copispec who are the sole distributors of Develop Products in Australia will be releasing the new **Develop 1000 Laser Printer** with 10 pages per minute, 50 available fonts and a very attractive price tag.

Copispec Pty Ltd

87-93 Bay Street
Port Melbourne
Vic 3207
Tel: (03) 647 9111

OT
Stand 918
Western Annexe

Copispec is a wholly Australian owned enterprise committed to the sale and service of office and computer products.

Copispec is the exclusive Melbourne distributor for the complete range of Toshiba Plain Paper and Colour Copiers.

Copispec is also the exclusive Melbourne distributor for the new range of T.E.C. Electronic Typewriters and the revolutionary new T.E.C. **Electronic Meeting Board**.

Copispec is pleased to announce the following new products will be released at Office Technology '86: Toshiba FC50S Full Colour Digital Copier; Toshiba 5620 **ChromaTouch Colour Copier**; T.E.C. MB-500 Electronic Meeting Board; and the Develop 12 Battery Operated Copier.

Copispec is celebrating their 10th Anniversary during 1986. During this time Copispec has built up an enviable reputation for their products and service within many large corporations and educational establishments.

Copyguard Sales Pty Ltd

68 Eastern Road
South Melbourne
Vic 3205
Tel: (03) 690 8311
Tlx: 34379

OT
Stand 817
Western Annexe

Any company who copies on behalf of clients for example, solicitors, accountants, management consultants, advertising agencies — needs to keep a record of these copies in order to charge the client for them.

Up until now their only means of recording what was done on the photocopier was with pencils, pieces of paper and an employee desperately adding up numbers at the end of each month.

With Copyguard attached to the photocopier, it is all done electronically for you.

Copyguard is an electronic monitor which controls access to the photocopier, and records its usage. It allows you to use the photocopier only when you have entered a code into the Copyguard. You then use the photocopier normally, and the Copyguard records the number of copies you have done.

Each company can choose the codes for their Copyguard — solicitors normally use the matter numbers from their files, accountants their client file numbers, advertising agencies their job numbers, and so on.

Copyguard will connect to modern photocopiers simply and quickly. It is Australian designed and built, and is being exported to north America and Europe where it has been eagerly accepted.

Creswick Industries Pty Ltd

28/76 Hume Highway
Lansvale
NSW 2166
Tel: (02) 728 1299
Tlx: 71830

OT
Stand 1031
Western Annexe

Datamaster is a micro-processor controlled data system designed specifically to gather and process information about employee's attendance times and job costing. The Datamaster system eliminates old fashioned mechanical time clocks and laborious manual record keeping. Each Datamaster terminal has its own memory, power back-up and 12 digit display screen. Bar code readers can be added to provide job costing input.

Standard software modules cover Daily Time and Attendance Reports, Weekly Time and Attendance Summaries, Payroll Data Preparation, Job Costing and personnel records.

The **Mitsubishi Closed Circuit TV System** (CCTV) provides sophisticated affordable electronic security. Other high technology Mitsubishi Security Products include an infra-red video system for monitoring in the dark, a **Palm Recognition System** for high security access control and a video printer to provide hard copies of video data from either a monitor or video tape.

The **CardAccess** systems come in a variety of models to provide high security access controls — from single door access with the CardAccess 50, through to the CardAccess 30 which can control over 250 doors and 40,000 cardholders.

Data General Aust Pty Ltd

100 Dorcas Street
South Melbourne
Vic 3205
Tel: (03) 698 6988
Tlx: 33041
Cable Address: Dagen

OT
Stand 909
Western Annexe

DataGeneral
AUSTRALIA PTY. LTD.

Data General's **Comprehensive Electronic Office** (CEO) provides a consistent, easy to use, user interface and provides all the necessary features to emulate general office functions. The main modules in CEO include: administrative support, information management and decision support.

CEOwrite is Data General's feature

workstation word processing package. CEOwrite, along with CEO Connection allows **Data General/One** (Portable), **Dasher/One** (Intelligent Workstations) and IBM PC users to transfer files from the workstation to the host and also emulate any CEO terminal on a host system.

The Data General/One personal system is a complete, portable computer system with full-sized computer capabilities without giving up anything for portability.

Data Generals' **MV2000DC** (Departmental Computing) is a 32-bit computer ideally suited for the small department, small business, and technical or commercial work group environments.

The **DS/7700** (Distributed System) series is a mid-range engineering workstations that forms part of the engineering, scientific, and technical communities.

Datakey Alcatel Pty Ltd

Cnr Johnston & Brunswick Streets
Fitzroy
Vic 3065
Tel: (03) 419 5322

OT
Stand 1125
Western Annexe

Datakey Alcatel in conjunction with the Sharp Corporation are proudly exhibiting their latest High Speed Systems Copiers incorporating colour. On display will be the full range of Office Copiers highlighting many of well accepted features identified to the success of the Sharp Copying range.

Copiers demanding special attention are the: Sharp **SF 9500 High Speed Copying System**, Sharp **SF 9300 Duplex Copying System** with Colour and Sharp **SF 8600 Zoomatic Copying System.**

Supporting the new "Heavyweight" range is a **Colour Scanner Printer** with the ability to reduce from A3 onto A4 and other Zoom ratios. The successful development and performance of the Sharp Copier has come about due to advanced technology that has produced a high level of reliability and Copy quality.

Datakey boasts a fine service reputation as a result of specializing in and providing technical support.

Datamatic Pty Ltd

9 Byfield Street
North Ryde
NSW 2113
Tel: (02) 888 1788

Comms
Stand 725
Western Annexe

Datamatic will be displaying the Atlantic Research and Trend data communications equipment at Communications 86.

Atlantic Research products serve the industry with a complete line of diagnostic test equipment and test systems for Network Managers, Field Service Engineers, Tech Control Operators, Network Supervisors, Communications Analysts and Communication Product Designers.

The **Interview** family of data analyzers can meet the specific needs of: Interactive testing, Data Recording, Performance Measurements and Protocol diagnostics.

Atlantic Research also offer a complete line of patching and switching products to meet the needs of any installation with data communication circuits.

The **Network Test System** allows the user to bring access and control of all circuits within the network to one central location, reducing system downtime by providing a rapid means to test, isolate and bypass faulty network elements.

Trend provides telegraph and data transmission test sets which are used worldwide in both the installation of telegraph circuits and evaluating data

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HP Touchscreen

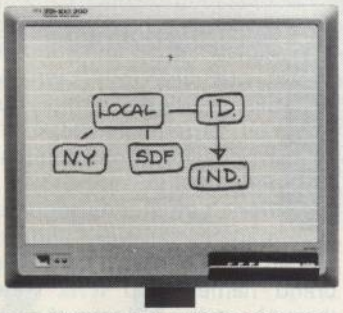


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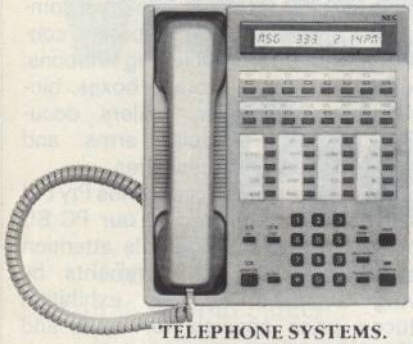
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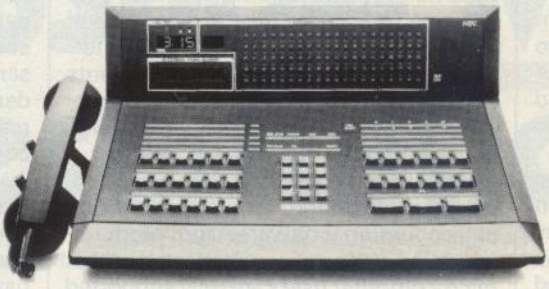
PAGING DEVICES.



SATELLITE COMMUNICATIONS.



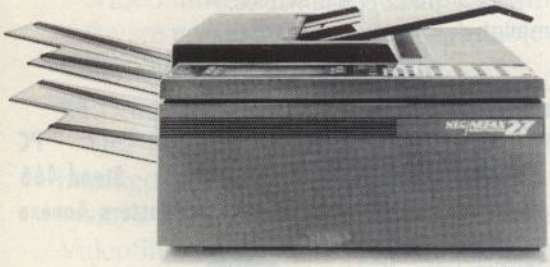
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OFFICE INFORMATION MANAGEMENT.



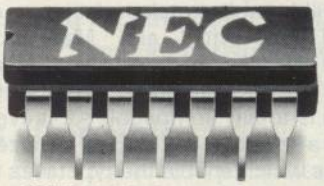
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NEC

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transmission links using modems and telephone channels.

Sequel puts your data world at your fingertips with its Distributed Data Switch. This rich data switch enables you to reach anywhere in your communications world, from any terminal, as easily as dialling a telephone.

A wide selection of these products will be at the Datamatic stand during Communications 86.

Delairco Group

214 Park Street
South Melbourne
Vic 3205
Tel: (03) 690 9722
Tlx: 35605

OT
Stand 1113
Western Annexe

Delairco Linotype

Imagine if your secretary came to you today and said she can transform documents on Macintosh floppies into high-quality lasersetter output for professional printed results . . . you'd think all your cost-saving ambitions had come to roost at once.

With the marriage of **Linotype Series 100** and the world of PC's Australian business can now produce high-quality printed work in the office, without the need for extra or specifically skilled personnel.

Software makes it possible!

You will be able to take advantage of standard MacWrite* and MacPaint* software as well as programs from other sources. The Macintosh PostScript software is totally compatible . . . it even contains a selection of Linotype digitized typefaces which enable the typefaces to be seen on the Macintosh screen.

Linotype offers two lasersellers which are compatible with the Macintosh — Linotronic 100, a cost-efficient unit with resolution up to 570 scanlines and Linotronic 300 for higher demands up to 1000 scanlines per centimetre.

Dellfield Digital Ltd

73 Bukit Timah Road
#04-00 Tong Nam Building
Singapore 0922
Fax: 339 9815
Tlx: RS36497 DELSIN
Tel: (065) 339 3377

Comms
Stand 719
Western Annexe

Dellfield Digital was founded in 1982, as a leading start-up telecommunications manufacturer following liberalisation of the United Kingdom market.

Dellfield has developed a range of advanced, fulled-digital EPABX systems. Three of these have gained UK Type Approval and are sold through GEC Reliance under distribution agreements.

Dellfield has also developed an ACD (Automated Call Distribution) system, for which a UK distribution agreement has been signed with Thorn Ericsson.

The company is headquartered in England, and operates a wholly-owned subsidiary in Singapore.

Deloitte Haskins & Sells

461 Bourke Street
Melbourne
Vic 3000
Tel: (03) 602 0622

PC
Stand 632
Eastern Annexe

Deloitte Haskins+Sells

Deloitte Haskins & Sells provide professional support for the business use of microcomputers. Deloittes are an international firm of Chartered Accountants who provide Accounting and other professional services not only Australia wide but world wide.

Specific areas of Microcomputer support are consulting, training installation of accounting software, and programming. This range of services ensures that microcomputer users are fully supported by personnel who have a business background and can relate to user requirements for a relevant information system.

Deloittes training operations are rapidly expanding to cope with the demand for DH&S "hands-on" training courses in MS/PC DOS, Lotus 1-2-3, Symphony, Framework, dBase III, Multimate and half or one day Introduction to PC courses. In addition to their specially equipped training centre in Bourke Street, they have just opened a second Training Centre in Mitcham. Both training centres offer courses to the general public on a regular basis.

Deloittes products currently supported are Attache, CBA, Charter, HiFinance, Maze and Club Control (school and club systems). They are also the approved telephone support PC helpline for accounting software from Attache and Arcom-Pacific's Ashton Tate products — dBase and Framework.

de Vere — Le disc

294 Kingsway
South Melbourne
Vic 3205
Tel: (03) 690 8955

PC
Stand 472
Eastern Annexe

On display by de Vere — Le disc will be an interesting collection of computer furniture and consumable items. Should you contemplate either establishing, relocating or redesigning your computer and word processing department or even the acquisition of single items such as a work station or an ergonomic desk, it would be advantageous to consult de Vere Computer Accessories Pty Limited.

This exciting company manufactures and supplies not only the latest designs in Swedish and Continental computer rooms but also our own advanced Australian designs in individual units such as ergonomic desks, acoustic printer covers, printer stands and peripheral equipment.

de Vere Computer Accessories Pty Ltd also markets the very popular floppy known as **'Le disc'**, as well as other brand names, and it is widely held throughout the industry that this company is probably Melbourne's most competitive supplier of computer consumable products including ribbons, screens and tapes, storage boxes, binders, computer paper, mailers, document holders, modular arms and computer oriented accessories.

de Vere Computer Accessories Pty Ltd has previously exhibited at our PC 85 show and drew considerable attention and most favourable comments by having available at that exhibition reduced price specials for discs and other consumables.

Dimension Graphics

201 Miller Street
North Sydney
NSW 2060
Tel: (02) 929 5855
Tlx: 25693

PC
Stand 466
Eastern Annexe

Dimension Graphics specializes in hardware and software for computer graphics applications.

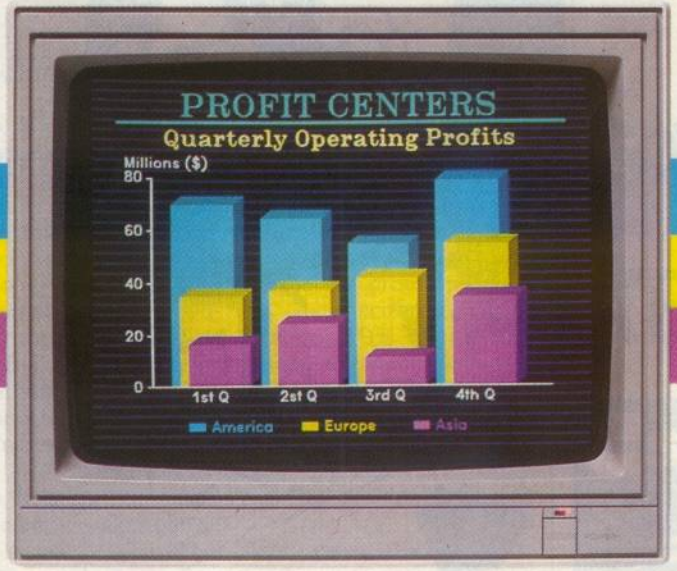
The following will be exhibited at this year's show: Graphics software, Presentation systems, Hardcopy printers, Imaging system and IBM PC graphics boards.

Software displayed includes **Mirage/Autumn/Ego** for business graphics from Zenographics.

Mirage is a comprehensive business graphics package that includes the capability to do free form drawing using a digitizer.

TGRAF07, turns a IBM PC into a full Tektronix 4107 graphics terminal.

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If you're the type who's set on saving . . . start saving now by setting your own type!

LINOTYPE LASER SETTING IS NOW COMPATIBLE WITH APPLE MACINTOSH*

For the first time ever, you can now produce high-quality print material from Macintosh floppies.

By marrying Linotype's Linotronic 100 with Postscript, the page-description language which controls Apple's Laserwriter Printer you can now have immediate access to the incredible flexibility of the Apple Laserwriter and the Apple Macintosh personal computer.

All of which gives you the ability to create high-quality, high-resolution finished art with graphics all in place.

With programs from Apple, Aldus, Microsoft Knowledge Engineering and many others, your capability to transform conventional text into high-grade finished art is virtually unlimited!

What you see is what you get

Before setting, the actual typefaces can be seen on the Macintosh screen . . . Eliminates errors, saves time, ensures top quality.

Starter pack

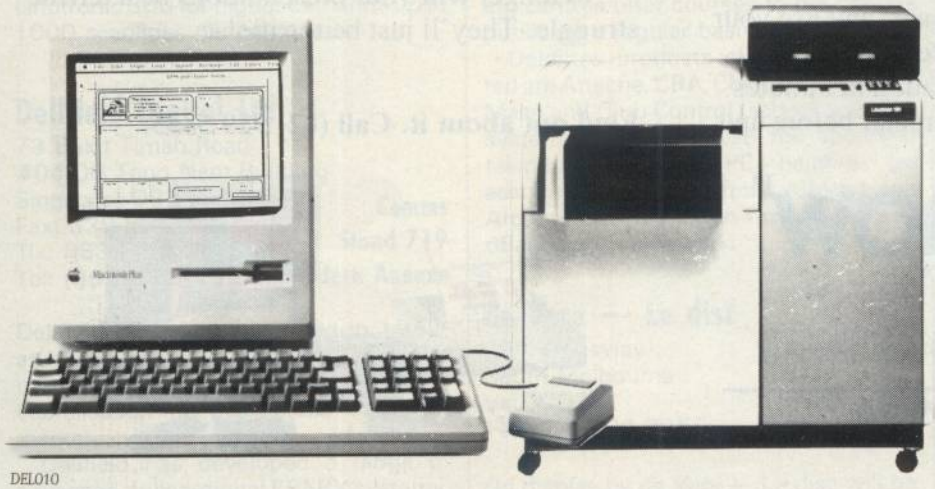
The System comes with a starter package of 13 fonts for outputting in sizes from 4pt to larger than you are ever likely to need.

3 operational modes of resolution (high, standard or proof) provide quality up to 1200 lines per inch.

What's more the system is simple to operate. It can easily be integrated into the existing office set up for the production of a wide variety of material which, at the moment rarely sees the light at better than letter quality typewriter standard.

The Delairco touch

The Delairco Organisation in Australia, which distributes Linotype products to the Graphic Arts industry is proud to team up with Apple to make the Macintosh breakthrough in digital typesetting. A phone call to your nearest Delairco branch will provide you with an obligation-free demonstration to show you how you can use your Macintosh to produce first-class typesetting in your organisation.



DEL010

Delairco Linotype

Delairco Linotype Pty. Ltd.
(03) 690 9722

*Macintosh is a reg. trade mark of Apple Computer Inc.

Mouse, other digitizers, plotters and IBM printers are supported.

In-A-Vision is a comprehensive, Microsoft window compatible drawing package which supports input devices like mouse and digitizers.

Also exhibited will be **Videoshow** from General Parametrics — video projection system using PC technology, **Quintar** 35mm slide making system using polaroid palette but giving much higher resolution, **CH5201** from Seiko — Thermal colour printer for overhead transparencies, **4695** from Tektronix — inkjet plotter, and **Colour Jet Printer** from IBM — inkjet plotter.

Other exhibits include **PC Eye** from Chorus Data Systems — PC image capture system, **Vega** from Video-7 — A half-size graphics card for the IBM PC and **Graphport** from Quintar — A 833 x 633 high resolution graphics card that is compatible with Autocad.

Direct Acceptance Corporation

3rd Floor 343 Little Collins Street
Melbourne
Vic 3000
Tel: (03) 67 5824

OT
Stand 901
Western Annexe

Direct Acceptance Corporation Limited is celebrating 60 years in finance having commenced operations in 1926, under the name of Direct Cash Orders Limited.

It is now one of the longest established, public listed finance companies in Australia.

Formed by an Association of Australia's largest retailers of that era to provide cheaper forms of finance to those available from the money lenders of the day, the company was particularly active in the growth and acceptability of the cash order market.

DAC is now involved in the commercial lending field, specialising in the provision of finance for companies, partnerships and soletraders.

Unlike most financiers, they are happy to finance small items such as photocopiers, facsimile machines, computer and switchboards plus furniture and fittings.

They have developed simple documentation that can be hand written and processed in a short time by competent staff who are skilled in providing service.

DTX Australia Ltd

5th Floor,
424 St Kilda Road
Melbourne
Vic 3004
Tel: (03) 266 1372

Comms
Stand 1049
Western Annexe

DTX is a world leader in the design and manufacture of videotex software and hardware.

For business needs, DTX Communications offer for the first time in Australia, mainframe programs via the videotex format, called **Videotex Plus**.

An enormous time saving benefit of Videotex Plus is that the program can be developed for a specific business application, in about 10% of the time taken by other less advanced systems.

The exciting point about DTX Communications is that its applications are just as relevant to a multi national as they are to a two man operation. DTX Communications will be profitable for any Company.

To serve clients more efficiently and more importantly, interactively, DTX Communications allows you to set up what is called a Closed User Group. This means you can provide your business information and communications to a select group of people by issuing them with a special password which allows only them to access your network.

For more sophisticated business applications, DTX offers its **CPC 2000 — Communications Personal Computer**. The CPC 200 comes complete with a 640k memory and a 10 megabyte hard disk, high resolution colour monitor etc. The CPC 2000 emulates many terminals, accesses the DTX advanced 4GL software in 80 or 132 column mode, and also provides standard videotex format and runs most standard IBM compatible software.

Eastern Micro Electronics Sales Pty Ltd

92-94 Bank Street
South Melbourne
Vic 3205
Tel: (03) 699 3088
Tlx: 38432

PC
Stand 724
Eastern Annexe

EME

A well established company in the "IBM Compatible" industry, E.M.E. is the sole importer and distributor of the well known **Profound** computer.

Service and support, which go hand in hand with Profound and E.M.E., are two of the key factors responsible for the growth of the company and popularity of the Profound PC/XT (IBM Compatible) computer. With the recent opening of a Sydney branch, that same service and support is now also available in N.S.W.

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- FOR POWERFUL MULTIPLE FILE APPLICATIONS
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Software Developers, Corporations and Governments are putting aside DBMS tools and 4GL's for power and cost savings with SYSTEMATIC.

Robert Smith review "Australian Computing April 1986".
"A pleasure to work with because it is a complete package".

Dr. Neil Bedingfield — "Myer"
"SYSTEMATIC has made obsolete the programming we used to do with our 4GL. It finished an application in three weeks that we estimated would take three months using the 4GL.
We are pleased. SYSTEMATIC easily returned our investment on the first application".

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The Atar
Voted personal c



Every year, the cream of the computer world gathers for the biggest computer show in Europe to hear who has won the award for Best Personal Computer of the Year.

Guess who swept them all away and came up with the votes in 1985?

That's right, Atari, with their extraordinary 520ST personal computer.

Not only that, it went on to be voted Best Value Computer of the Year by InfoWorld in America.

No equivalent personal computer packs as much performance for the price.

What do you get?

An MC 68000 processor with 512K of RAM

ri 520ST.
computer of 1985.



with 512 colours for superb graphic applications.

The system's software is GEM™ which means you can have overlapping windows, drop down menus and icons, plus the use of a mouse controller.

Not to mention the choice of either mono or colour monitors.

That's bad news for Apple, IBM and Commodore.

But good news for you.

If we're talking your kind of language, simply contact the Australian distributors, Mobex Pty. Ltd. for your nearest Atari dealer on (02) 406 6277, (03) 329 5477, (07) 358 5366, (08) 212 7455, (09) 328 3355.

ATARI®

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Garland Stewart & Roache AT4219

At this year's exhibition E.M.E. will launch the Profound AT. An 80286 based IBM AT compatible computer. Retailing at under $4,000 and backed by a 6 month (all parts and labour) warranty.

Also on display will be a range of **Brother** printers and all popular software package at competitive prices. Dealer enquiries welcome on all products.

Ectron Pty Ltd

94 Tram Road
Doncaster
Vic 3108
Tel: (03) 848 8188
Fax: (03) 848 8188

Comms
Stand 1034
Western Annexe

Ectron Pty Ltd and its sister company E.A.I. Electronic Associates, now known as Ectron-EAI Pty Ltd, will be showing two exciting new products at this years exhibition.

On display, will be the new **OPUS 2 Laser Printer**. Performance and quality are assured with 8 pages per minute print speed and 300 x 300 dots/sq. inch resolution. User definable forms, custom design fonts and line drawing graphics make this printer ideal for the production of all your forms directly. Add to this a target lead of 10,000 pages/month and a favourable price and performance is achieved.

Also on display will be **Ectrons 400** series of Digitised Voice Systems. This exhibition will be the first time that this equipment has been shown in Australia. **Delta Maxi 400** offers 10 minutes of high quality speech reproduction in either ROM or RAM and software is custom designed for each client. This product can be used in such areas as annunciator for emergency, public address or fire systems, elevators, remote recording and reporting stations.

Ectron-EAI would be more than happy to discuss your Digitised Voice or Computer Product requirements.

Egerton Connectors Australia Pty Ltd

13 Clyde Street
Rydalmere
NSW 2116
Tel: (02) 638 6655
Tlx: AA23422

Comms
Stand 618
Western Annexe

EGERTON

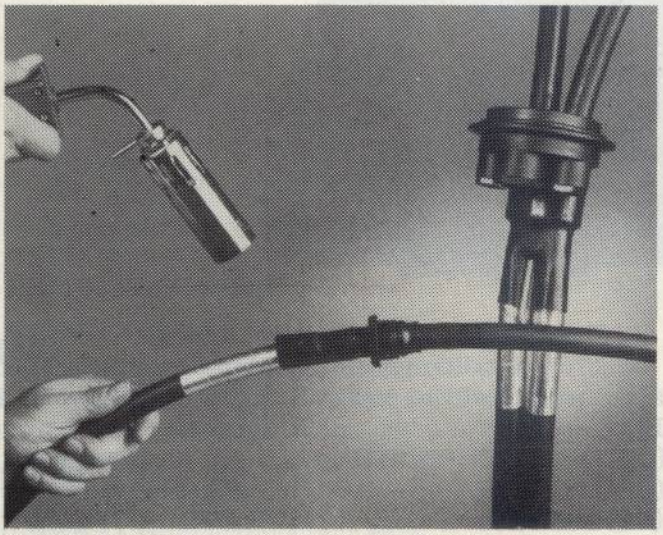
Egerton Connectors (Australia) Pty Ltd commenced operation in 1972 marketing a comprehensive range of **Telecommunication External Plant** accessories manufactured by Egerton Connectors Ltd Orpington Kent UK.

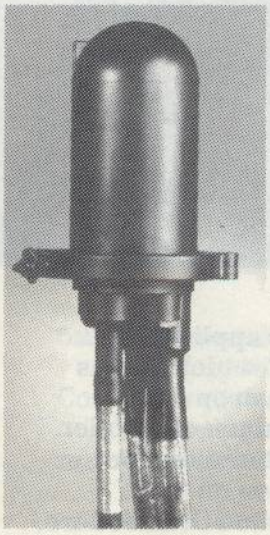
Egerton's display will include: — Closures for large sized Pressurised and filled M.B. cable (Egerton); Closures, Ready Access and Heat Shrinkable types for filled and unfilled Distribution cable (Egerton); Connectors waterproof compound filled in 2 wire/3 wire and "pair at a time" configurations (Egerton, AT&T); Heat Shrinkable Polyolefin products including tube (thin, medium and thick-wall) moulded shapes, End Caps and Kits (Egerton, Sumitomo, Fujikura) and Fibre Optic cable, jointing equipment, measuring instruments, transmission equipment, imagescopes and other accessories (Fujikura).

Egerton will be demonstrating on site: — 31R/100 Ready Access Closure with patented Heat Shrinkable removable cable entry seals and the **Fujikura FSM-20 Profile Alignment Fibre Optic Fusion Splicer**.

EGERTON 31R/100 the OPENABLE JOINT

With * HEAT SHRINK ENTRIES RECOVERED REMOTE FROM JOINT & OTHER CABLES — **NO HEAD DAMAGE!**
* FULL CLOSURE VOLUME FOR HOUSING CABLE & CONNECTORS.





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* BICCWELD PRESSURISED CABLE CLOSURE.
* EGERTON NEW TELECOM APPROVED SL8A COMPOUND FILLED I.D. CONNECTOR.
* FUJIKURA FSM 20 PAS FUSION SPLICER

EGERTON CONNECTORS
STAND 618 *WESTERN ANNEX*

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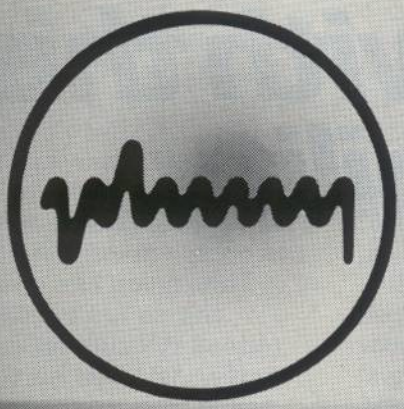
Our software is available from reputable computer dealers throughout Australia and New Zealand.

Plessey ISDX*
The Telecommunication future is dazzling... don't miss the connectio



*Integrated Services Digital Exchange

n.



The Plessey iSDX – Future Telecommunications Technology.

Only just released in Australia, by Plessey this digital business telephone system combines advanced voice, data and image technologies.

Why not invest now in Plessey iSDX?

Give your company the ability to communicate via voice, facsimile, view data, telex, teletex, compressed video and future services from private and public network sources.

This new advanced digital telephone system with its powerful dual processors is designed for business requirements ranging from 150 extensions to beyond 10,000 extensions.

Although highly cost effective itself, it additionally offers an array of time-saving and money-saving telephone user features.

The Plessey iSDT – Futuristic Telephone Instrument.

The new Plessey iSDT (Integrated Services Digital Telephone) is an integral telephone incorporating the very latest digital telephone technology to provide the user with both voice and data transmission facilities from the telephone instrument. Dedicated and user-programmable keys provide single button access to facilities.

Voice and data information are transmitted simultaneously over a single telephone line with excellent voice reproduction due to digitising techniques.

The Plessey iSDN – Network of the future

The Plessey iSDN (Integrated Services Digital Network) is the product of interconnecting several Plessey iSDX telephone systems via high speed digital links for the transmission of voice, data, and image services. By linking its local, regional, national or international communications activities a company's total network can be centrally managed for greater efficiency and cost control etc. Plessey advanced technology provides the user with full feature transparency across the network.

Your network of the future can evolve from a single Plessey iSDX telephone system purchased today.

For more information please contact:
Plessey Australia Pty Limited
Office Systems Division.
Faraday Park Railway Road,
Meadowbank N.S.W. 2114
Telephone (02) 808 3322
Telex AA 72384. Fax (02) 808 2787.
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Sales Offices: Melbourne (03) 320 4333; Brisbane (07) 854 1300; Adelaide (08) 42 6241; Perth (09) 308 2966

PLESSEY

Connecting the future.

When it comes down to office automation equipment with this much reliability...



...nothing quite adds up to Adler.

To survive in today's business jungle you need office equipment that won't let you down — that will work efficiently and effectively whenever and wherever you need it.

Which is where TA Triumph-Adler come in. Because our range of office automation equipment keeps going and going and going (just like our parent company's famous VW Beetle).

Take our electronic typewriters for example. From budget priced compacts to the top of the range modulars offering unlimited memory capabilities, our typewriters are specifically designed to make typing faster and easier...as easy as ABC.

And our new photocopiers — that do more than just photocopy. They enlarge and reduce. They copy on both sides of the paper. They copy in colour. And they're fast. In fact they've got more features than a Swiss army penknife.

If you're in the market for a personal computer you should do yourself (and your company) a favour by seeing the TA Triumph-Adler P60. Based on the Intel 80186 16 bit micro processor the P60 operates twice as fast as a standard PC. All models are industry compatible and run all the most popular software programs. All this plus the unique Alpha key, gives you more strike power.

And don't forget the rest of the Adler range of office automation equipment...printers to print, calculators to calculate, guillotines to cut, shredders to shred...we have a business machine to cover every office function.

Last, but not least...and very important...service. Our service back up is where you want it when you want it.

So remember, when it comes down to office automation equipment — Nothing quite adds up to Adler.



TA TRIUMPH-ADLER

For further information send in coupon or telephone your nearest sales office:–

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Wellington, N.Z. 85 1013 Auckland, N.Z. 60 0632

To: Adler Business Machines Pty. Ltd.,
P.O. Box 341, North Ryde, NSW 2113.
Please send me further information on the following TA Triumph-Adler Office Automation Equipment.

NAME

COMPANY

ADDRESS

TEL. No.

FAD 636

Elders Pastoral

27 Currie Street
Adelaide
SA 5000
Tel: (08) 218 4621
Tlx: 89692

Comms
Stand 1036
Western Annexe

Elders Videotex services reach beyond operating an in-house network to include the provision of a public agricultural information service, **Farmlink**; a public securities trading information service, **Sharelink**; and communication and closed user group services to business.

Elders have placed a great deal of emphasis on the development of interactive videotex services. The selection of Vax hardware and Aregon software has enabled the "flexibility" required to develop some of the most advanced interactive applications available.

Elders Pastoral offer Videotex services to business. Gain the benefit of a large, sophisticated network, offering: — communications facilities of mailbox, telex, advanced interactive applications, as well as training and support in the development and promotion of your products to the Australian market place.

All reports and information including Sharelink, use of mailbox, telex (except Telecom transmission fee) and interactive applications are provided at NO additional charge.

Sharelink and Farmlink will be demonstrated at Communications '86 on equipment provided by Epson (Epson PC), IBM (PC-XT &5X); Barson (BBC); Syscorp (Multicom); Sendata (Modems) and on the Tandata Videotex Decoder.

Eldon Industries Inc.

112 Pyrmont Bridge Road
Camperdown
NSW 2050
Tel: (02) 519 3611
Tlx: 121251

OT
Stand 1223
Western Annexe

eldon®

Eldon Industries Inc. has recently purchased certain assets and the continuing business of **Movitex** and **Movigraph** systems — a leading Australian Manufacturer of changeable display boards and visual planning systems.

Eldon is a multi-divisional company which includes Eldon Office Products, a major manufacturer of a broad line of desk and office accessories and **Ungar**, a leader in the field of soldering and desoldering equipment for the electronics industry.

The new operation which is known as Eldon Industries Inc. (Australian Branch) will now market Movitex, Eldon and Ungar Products.

The aesthetically appealing design and colour of the Eldon range will open a new dimension to Australian office design.

Eldon has expanded their range for the Australian market, and has created unique accessories for new open plan system environments, which make more productive use of time and space by turning unused walls and other vertical surfaces into productive work stations for the filing, storage, collating and rapid retrieval of a multitude of materials.

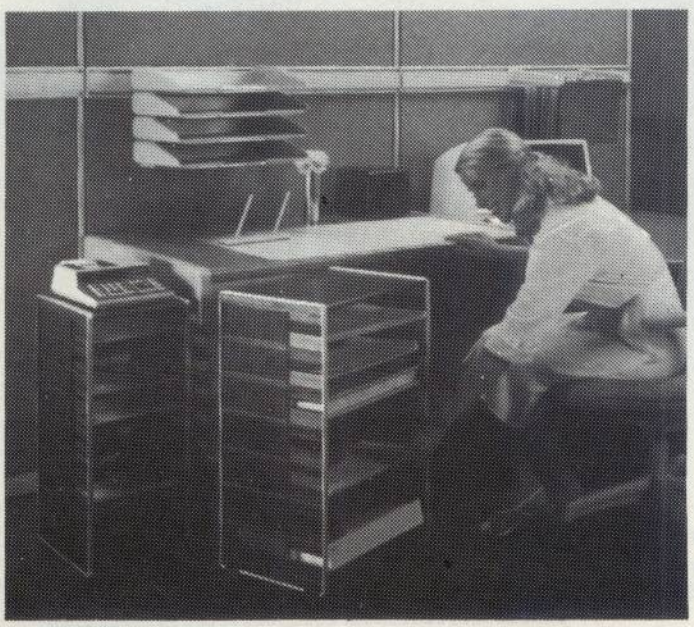
Elmeasco Instruments Pty Ltd

12 Maroondah Highway
Ringwood
Vic 3134
Tel: (03) 879 2322
Tlx: 30418

Comms
Stand 1035
Western Annexe

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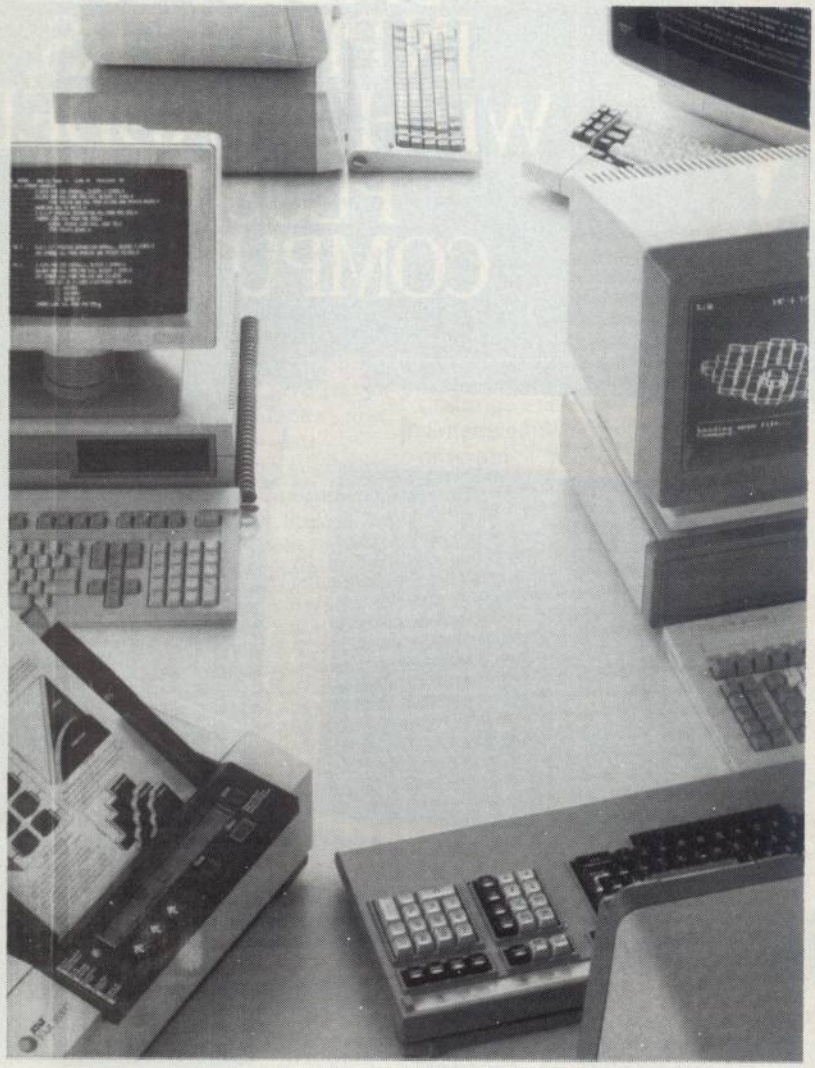
Come see us on stand # 1223

Main Office
112 Pyrmont Bridge Road
Post Office Box 98
Camperdown, N.S.W. 2050
TEL: (02) 519 3611
TLX: AA21251
FAX: (02) 516 2679

Victoria Office
Suite 1, 19-35 Gertrude Street
Fitzroy, Vic. 3065
TEL: (03) 417 2155

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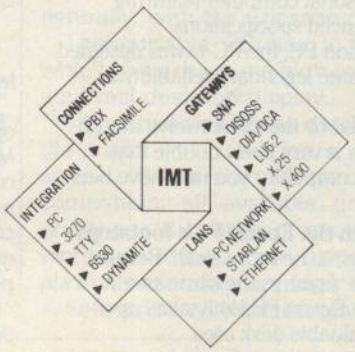
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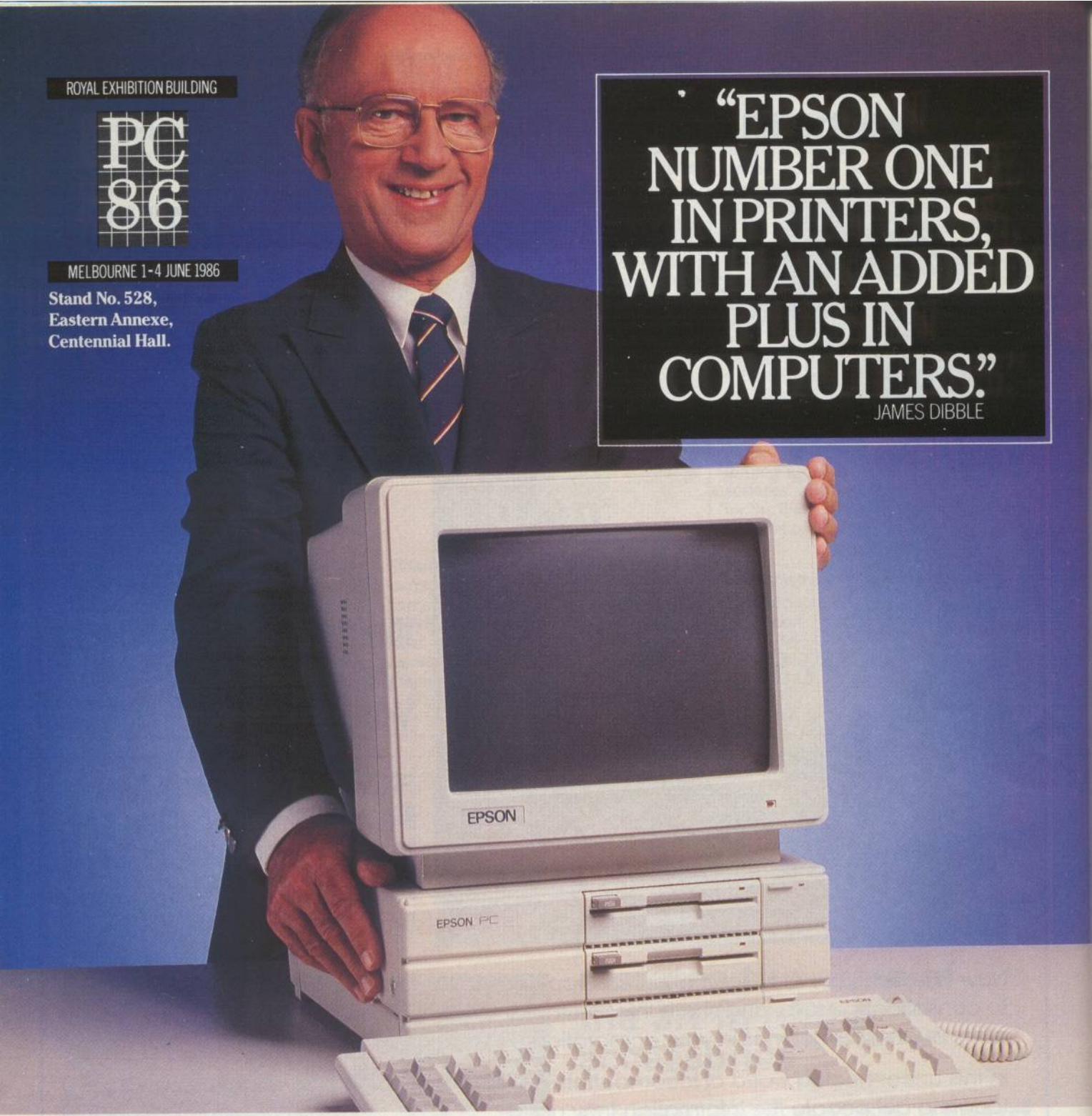
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ROYAL EXHIBITION BUILDING

PC 86

MELBOURNE 1-4 JUNE 1986

Stand No. 528, Eastern Annexe, Centennial Hall.



Now the Epson PC family has an added plus. It's called the Epson PC+, a fully compatible personal computer featuring extremely advanced specifications.

Like the Epson PC, the PC+ was designed to deliver the same legendary reliability as Epson printers.

So it's covered by the same twelve month warranty, which is very likely double that offered by any competitor you may have been considering.

Following in the Epson PC's footsteps

Or footprints, to be more exact. Because the Epson PC+ features the same small footprint as the Epson PC, so it takes up a minimum of valuable desk area.

When it comes to ergonomics, the PC+ also follows the advanced standards set by the Epson PC.

Now for the technical pluses

The Epson PC+ boasts the additional technical features its name suggests.

You'll find an 8086 microprocessor with operator selectable clock speeds of 4.17 or 7.77 MHz; 640 Kbytes of RAM; a 3-mode video controller board offering monochrome, monochrome graphics (Hercules style), and colour graphics capabilities; and there are five expansion slots to provide connection to peripherals or networking facilities.

There's also an AT style keyboard with the positive action preferred by most users, while options include a 20 Mbyte hard disk, replacing one floppy.

Epson, your first choice

Epson are number one in printers simply because they are extremely hard to beat for features, reliability and value.

And now in personal computers, the Epson PC and PC+ can give your business the added plus you need.

For your nearest Epson dealer, phone Sydney (02) 452 5222; Melbourne (03) 543 6455; or Brisbane (07) 832 5400.

EPSON®

HOLT EPS 0056

quality electronic test and measurement instrumentation and computer peripherals.

On display will be a wide range of products from Fluke, along with details of a new **FLEXSYS Test Software** package workstation using the **Fluke 1722A controller** which with its touch-sensitive, menu driven user interface, provides easy training and use.

Also on show will be exhibits from National Instruments, with GPIB interfaces for Multibus TM, S-100 bus, STD bus and VME bus, as well as for popular personal computers (such as the IBM PC TM).

Details will also be available on new instruments from Cipher, Dilog, Eaton and Gould, with a representative range of digital storage oscilloscopes and logic analyzers.

Providing general interest to everyone at the show, Elmeasco Instruments will also be introducing the new Fluke 50 series handheld Thermometers which set a new standard of excellence at an affordable price.

Emulex Corp

Suite 106
160 Rowe Street
Eastwood
NSW 2122
Tel: (02) 858 4833
Tlx: 75586

PC
Stand 217
Eastern Annexe

The Emulex — Persyst family of personal computer products is a complete line of functional enhancement products for use with the IBM PC, PC/XT, Personal Computer AT, Portable, and IBM compatibles.

Emulex Corporation also manufactures products for DEC LSI-11 and VAX-II CPUs and Intel's Multibus.

The Persyst product line consists of six main groups: Performance Enhancement, Multi-function, Combination, Display and Graphics, Communications, and Mass Storage Products.

Persyst performance enhancement products, such as the Persyst **SuperCharger**, provide an inexpensive alternative that will double or even triple the computational power of the IBM PC, and compatibles.

Multifunction products provide an economical way of adding basic memory and/or I/O functions.

Combination products provide single-board display/multifunction solutions for the entire IBM PC family.

The Persyst Family of Graphics and Display products includes the exclusive **BoB**™ Display Adaptor which now gives the IBM PC and compatibles user both high-resolution 16-colour graphics and high quality text characters.

Persyst Mass Storage products are built around the **Javelin** subsystem — a desktop packaged subsystem with space for two peripherals.

Entercom Computer Company

136 Bridge Road
Richmond
Vic 3121
Tel: (03) 429 9888
Tlx: 30625

PC
Stand 112
Eastern Annexe

ENTERCOM COMPUTER CO.

AutoCAD is a multi-purpose design and drafting package including three-dimensional visualization. Over 35 different MS-DOS and PC-DOS microcomputers and more than 75 best-selling peripheral devices work with AutoCAD. It is a high performance CAD system for personal computers, capable of producing virtually any type of drawing.

AutoCAD allows for complete editing of drawing entities and alphanumeric labelling of an infinite number of layers, views, slides and blocks. AutoCAD will produce drawings to suit virtually any discipline from electrical and electronic to mechanical and architectural.

AutoCAD is being ported to 68,000 processor-based machines and specialized CAD workstations such as the Apollo Domain, Sun Microsystem and IBM RT.

Other features in AutoCAD permit it to communicate with mainframe CAD systems such as Computervision, Intergraph and Cadam, including the exchange of drawings. This feature permits a low-cost microcomputer to be utilized as a graphics workstation and thus discourages degradation on the mainframe. **CAD/Camera**, a scanning package, converts paper drawings to AutoCAD using expert system technology, and **AE/Cadd**, is a program which customizes AutoCAD for use in an architectural/engineering design environment.

Epson Australia Pty Ltd

2/17 Rodborough Road
Frenchs Forest
NSW 2086
Tel: (02) 452 5222
Tlx: 75052

PC
Stand 528
Eastern Annexe

EPSON

Epson is following-up its successful launch of the **Epson PC** in March with the **Epson PC+** another fully compatible machine but with extremely advanced specifications. Once again the packaging features the same small footprint as the PC, one of the smallest of any desk-top. This, together with the uncluttered appearance has made the PC a hit in the corporate offices throughout Australia.

In addition to the advanced ergonomics, the PC+has the following standard features; 8086 microprocessor with operator selectable clock speeds of 4.17 or 7.16 MHz, 640 Kbytes of RAM, a 3-mode video controller board offering monochrome, monochrome graphics (Hercules style) and colour graphics capabilities and five full expansion slots. The keyboard is AT-style with a very positive action.

Options include a 20 Mbyte hard disk, replacing floppy, and a very attractive monitor.

Epson will also display the recent additions to their printer range released in March, the **HS-80** and **LQ800/1000**.

The HS-80 is a portable ink-jet 80-column NLQ printer with loads of great features including fantastic print quality and high speed operation (160cps).

The LQ-800/1000 series is Epson's new 24-pin letter-quality showpiece. Operating at 180cps with the option of either IBM 5152 or Diablo emulation and choice of 6 font cartridges, this new printer range will take the 24-pin dot-matrix market by storm.

L M Ericsson Pty Ltd

61 Riggall Street
Broadmeadows
Vic 3047
Tel: (03) 602 3700
Tlx: 30555
Cable Address: EricMel

PC
Stand 316
Eastern Annexe

The major drawcard on the Ericsson Stand at PC '86 will be in the form of their exciting portable PC.

It has the full capability of a desk-top PC and combines function with the flexibility of a portable PC.

The Ericsson portable is fully compatible with industry-standards and, naturally, with the Ericsson desk-top.

The portable PC has a flat display which gives the same high readability as a normal desk-top display.

The actual size of the display is about the same (11") as for a normal PC screen. Since the PC is fully IBM-compatible, all available graphic programs are displayed correctly. In other words: — a flat screen using the latest plasma technology for high resolution.

Fully in line with Ericsson's philosophy

of user-friendly design the different units of the PC are designed with ergonomics as top priority.

The Ericsson **Portable PC** is a development in line with the company's previous PC strategy. Software for Ericsson's desk-top PCs can also be run on the portable and vice-versa. From the user point-of-view this means that the Ericsson Portable PC can be used in cooperation with already existing PC systems.

Supporting the Portable PC will be the Ericsson ergonomic workstations. Known as **Alfaskop 91**, this new range of data terminals are compatible to IBM, Sperry and DEC.

Alfaskop offers a choice of three different screen presentation styles, negative, positive and colour, as well as three different screen sizes. The user can also select from three different keyboards as well as from a variety of printers and ergonomic accessories. The user may mix and match these units to create his or her own individual workstation.

The positive image, dark characters against a light background, reduces the sensitivity to light from windows etc. and gives the best contrast ratio between a light source document and the screen.

In Ericsson Alfaskop, the integration between a data terminal and a personal computer is fully developed. Each workstation may now function as a terminal as well as a personal computer. Several levels of functionality can be selected depending on the requirements at each individual workplace. This enables companies to distribute local data processing power as needed to individual workplaces in a data terminal network.

Everex Systems Incorporated

48/431 Milmont Boulevard
Freemont California
USA 94538
Tel: (415) 49 8111

PC
Stand 713
Eastern Annexe

Everex Systems will be showing its comprehensive line of products for IBM PC and compatible systems.

Everex manufactures streaming tape backup systems, graphic boards, hard drive systems, communication products, multifunction boards, and expansion chassis. New graphics products will include the enhanced **Evergraphics Board** which accommodates a piggy-back EGA adaptor board to simultaneously support enhanced colour graphics and independent monochrome text on a separate monitor.

Powerful new streaming tape software, Versions 4.0, is also being shown. This software adds features and performance improvements simplifying operator requirements. +Windowed+ displays facilitate program structuring. A new context sensitive on-line help feature provides instant assistance regardless of where the user is in the program.

Everex has recently occupied a new 54,000 square ft. facility in Fremont, California, housing 250 employees. The company is dedicated to the principle of maintaining excellence in engineering design, quality and sales, with a record of timely introduction of innovative products.

Furniture Packs International Pty Ltd

312-314 Lower Dandenong Road
Mordialloc
Vic 3195
Tel: (03) 580 8700
Tlx: 37473

PC
Stand 637
Eastern Annexe

Personal Computer Desk by Furniture Packs International Pty Ltd are a new and exciting range of knocked down (Kit) computer furniture of the design 86 series marketed world wide. The complete range of these kits uses the unique cam and dowel construction method for ease of assembly and strength when constructed. These free standing computer desks are finished in life long rich looking two tone vinyl laminate with no external screw covers. All the work surfaces are rounded for safety, good looks and comfort.

Gametronics

Shop 6/177 Toorak Road
South Yarra
Vic 3141
Tel: (03) 241 3031
Tlx: 2274

PC
Stand 325
Eastern Annexe

Gametronics was founded in 1982 initially specialising in the home computer market. They built up a range of hardware and software support for British microcomputers such as the BBC Model B and the Sinclair Spectrum. While retaining their experience and support for the home user, Gametronics has diversified into the small business and educational field. again with these high quality British machines.

They stock and support the dynamic and flexible new BBC Master series as well as the Sinclair QL and the Amstrad 8256 Word Processor. For those wanting PC compatibility, Gametronics sells its own unit, the **Rampage XT**. This is a machine using Japanese components and backed by a full 12 month warranty. And if none of these machines whets your appetite, they sell the dazzling Atari 520 ST. So whether you need service, sales, advice or peripherals, call in or call them for unbeatable old-fashioned friendly service and a great deal.

GEC Marconi

660 Burwood Road
Hawthorn
Vic 3122
Tel: (03) 813 2977
Tlx: 35788

OT
Stand 900
Western Annexe

GEC Marconi will be exhibiting three of their main product lines; **Telephone Management** (T.I.M.S.), **Inter-Office Communication Systems** (including Stored Voice Messaging) and Facsimile.

Telephone Management systems are proving to be an invaluable tool for today's successful companies. In most business enterprises management disciplines are rigorously applied to control capital and other expenditure.

It is, therefore, extremely frustrating for senior management to have virtually no control whatsoever over one of the organisations highest overheads, the annual telephone bill.

GEC Marconi now markets and supports a full range of Telephone Management Systems throughout Australasia. Small Commander systems through to large networks are all superbly catered for.

GEC are proud to exhibit for the first time the latest addition to its communications family; Stentofon SVM. The GEC **Stentofon Stored Voice Messaging System** allows internal communication to flow so smoothly. Messages can no longer be lost. Efficiency is increased which must lead to increase in the bottom line.

Facsimile is rapidly becoming essential rather than desirable. Most companies need fast efficient transfer of hard copy. The GEC **OKIFAX** ensures that a high quality copy is transferred cost effectively.

Gestetner Pty Ltd

42-48 Batman Street
West Melbourne
Vic 3003
Tel: (03) 328 3914
Tlx: 36763

OT
Stand 814
Western Annexe

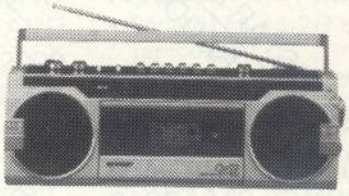
"We want to give our customers the highest quality product we possibly can" said John White, Managing Director, Gestetner Australia, when announcing his company would be introducing the

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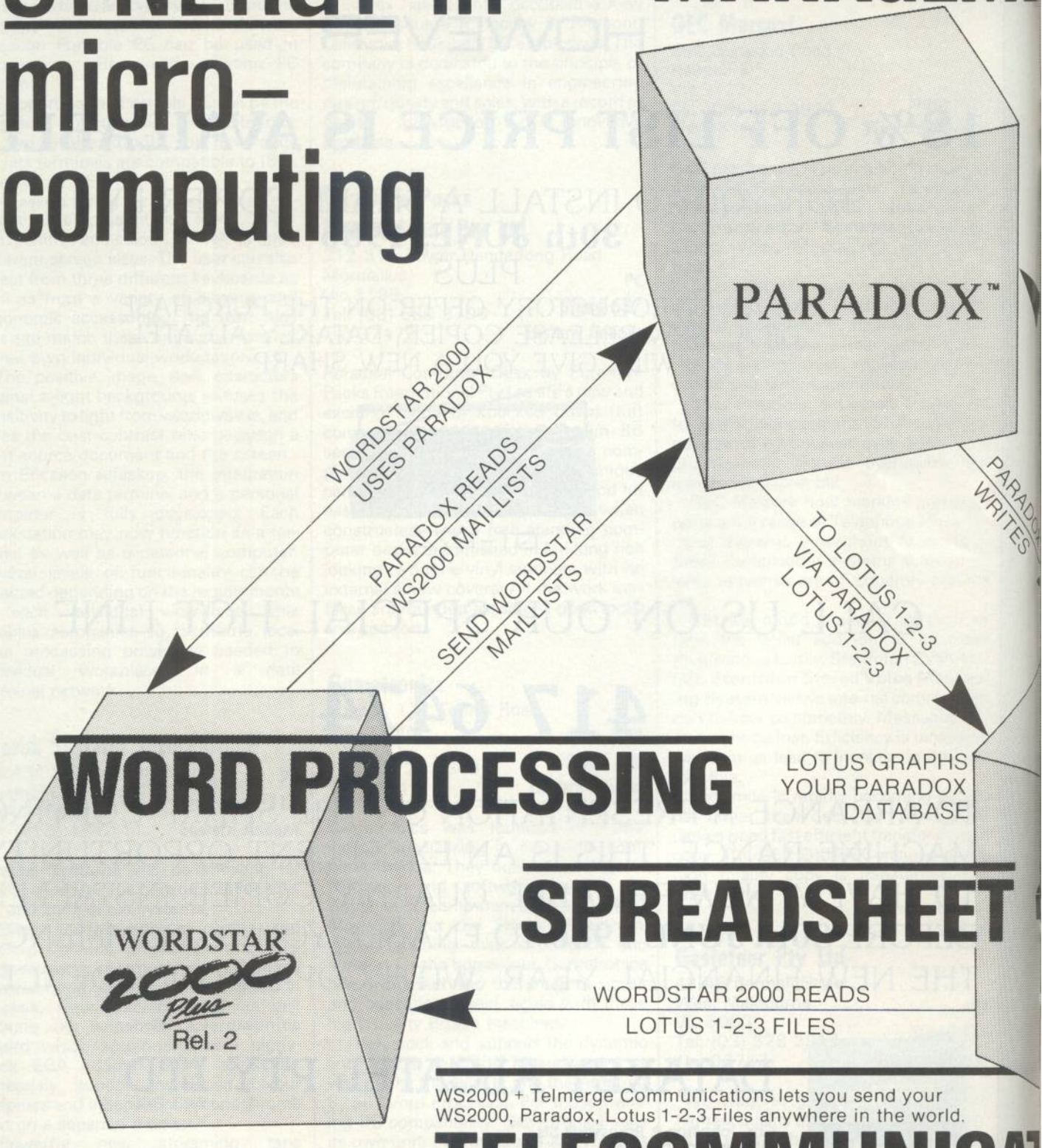
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INC. IN VIC.

Cnr. Johnston & Brunswick Sts
Fitzroy Victoria 3065
Telephone (03) 419 5322

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OF SHARP BUSINESS PRODUCTS

How to achieve SYNERGY in micro-computing

DATABASE MANAGEME



WORD PROCESSING

SPREADSHEET

WS2000 + Telmerge Communications lets you send your WS2000, Paradox, Lotus 1-2-3 Files anywhere in the world.

TELECOMMUNICA

What is synergy? It is simply when 1+1+1 = 5. It is no coincidence that when you put these three giants in computer software together, the results are truly amazing.

These three standalone products on their own represent on the surface, the most powerful of today's software packages for the Micro computer industry. Together they provide WORD PROCESSING, SPREADSHEET CALCULATION, DATABASE MANAGEMENT, BUSINESS GRAPHICS, MODEM COMMUNICATIONS AND ...

The most powerful integration factor ever seen by any combination of standalone products

WITH THE SYSTEM COMMAND IN LOTUS 1-2-3 REL 2 HAVE LOTUS 1-2-3 AND WS2000 LOADED SIMULTANEOUSLY

PARADOX READS LOTUS



So what does this mean for the computer user?

ANY SPREADSHEET PRODUCED BY LOTUS 1-2-3 REL2 CAN BE:

- Turned into a graph from within its own package.
- It can be picked up by WS2000 for inclusion in any document.
- It can be picked up by WS2000+ communications and sent by Telephone modem anywhere in the world.
- It can read into the Paradox database manager and be given the most sophisticated database treatment available.
- It can be sent via Paradox to Symphony, PFS file, IBM Filing Assistant, dBase II or III, Visicalc, as a DIF file, as a simple ASCII file, as a Delimited ASCII file or finally as a file that can be easily transported to a Mainframe environment.

ANY WORDSTAR 2000+ MAILMERGE LISTING CAN BE:

- Sent by telephone modem.
- Converted internally to IBM DCA format.
- Can be sent via Paradox to Lotus 1-2-3 to be included in any spreadsheet and be reproduced graphically.
- Be sent via Paradox to almost any other computer environment.

ANY WORDSTAR 2000+ DOCUMENT CAN BE:

- Sent via telephone modem anywhere.
- Converted internally to IBM DCA format.
- Mailmerge with files produced by either Lotus 1-2-3 or Paradox.

ANY DATABASE FILE PRODUCED USING PARADOX CAN BE:

- Sent to Lotus 1-2-3 and for spreadsheet inclusion or graphically reproduced.
- Used as a mailmerge file in WS2000.
- Sent by WS2000+ communications on a modem.
- Sent to most other packages and computer environments.

OTHER ADVANTAGES OF USING THESE THREE PACKAGES COMBINED TO RUN A BUSINESS INCLUDE:

- Lotus 1-2-3 and Paradox both use the same familiar menu style.
- Because Lotus 1-2-3 release 2 has a facility to exit to the operating system and still stay resident in memory. This means that Lotus 1-2-3 and WS2000 can reside on a 640kb machine simultaneously.
- All three packages can be used without the need for any programming expertise.
- As the competence of the individual increases, so does the flexibility and performance of this software combination.

Of the many products that exist in today's computer market, no other three standalone software packages can boast the same combination of performance and anywhere near the same integration between power, themselves and other packages.

There is no one fully integrated package that can offer the same sheer computing power of these three packages combined.

Although buying these three products means a larger investment than buying one fully integrated software package, Australian business has already proved that it does not mind paying the extra dollars, as long as the software solution satisfies one important criterion... **IT WORKS...!!**

Keith R Mason.

IMAGINEERING TECHNICAL SERVICES

Ring your nearest IBM dealer or Lorraine Fitzpatrick from Imagineering (02) 662 4499 for further details.

Merlin Lettering System onto the Australian market.

Merlin boasts an operation speed twice as fast as other keyboard lettering systems and features one-third fewer parts, visual display, plus edit, repeat and sequence functions — Gestetner believes the introduction of the Merlin will enable them to increase their penetration of the general office market.

Five times faster than "spin and print" machines, ten times faster than "press-on lettering" that's the magic of Merlin. Gestetner, was founded in 1881 by the inventor of the stencil duplicator or first office copier process. They now operate in 140 countries around the world with reprographic products, the original stencil process now being linked to modern computers and word processors — plus a full range of state of the art photocopiers and Velo-Bind systems.

Hales Commercial College

187 Collins Street
Melbourne
Vic 3000
Tel: (03) 63 6698

OT
Stand 1000
Western Annexe

Hales Business Computer Centre offers individual training in most popular software packages. Example: — Introduction to a Personal Computer, Lotus 1-2-3, Multiplan, dBase II, dBase III, CBA, Business Manager, Attache, WordStar, WordStar 2000, Purchasing a Microcomputer. Specific training needs can be catered for and courses may be individually tailored.

A variety of computers is available including IBM, Wang, Canon, Olivetti, Apricot, Digital Micro Systems, etc and each person is provided with a terminal. Apart from short courses relating to specific individual or company needs, the Hales Business Computer Centre also provides government subsidised full-time career courses. The aim of these courses is to provide comprehensive knowledge of computer technology, computer packages, operating systems and programming. These courses are also backed up with other subjects such as Keyboarding Techniques, Business Communications, Accounting and Legal Studies.

Some of the courses available are 6 months' full-time including Wang, Multimate, Displaywrite 3 and WordStar plus Typing and Office Practice; 3 months' full-time including Wang, Multimate and Displaywrite 3; part-time evening and individually tailored courses are also available.

Hewlett-Packard Australia Ltd

31-41 Joseph Street
Blackburn
Vic 3130
Tel: (03) 895 2895
Tlx: 31024

PC
Stand 329
Eastern Annexe

HEWLETT PACKARD

At PC-86 Hewlett-Packard will be presenting a wide range of PC products to enable visitors to the stand to see how these products integrate to form a total solution for businesses.

The latest addition to HP PC family, the **Vectra** will be displayed. The Vectra is available in three models which allows you to tailor the PC to the needs of your business.

The Vectra Personal Computer is designed to run off the shelf applications software including a range of popular programs for word processing, spreadsheet analysis and database management.

The **Touchscreen II PC** will be demonstrating a diverse range of

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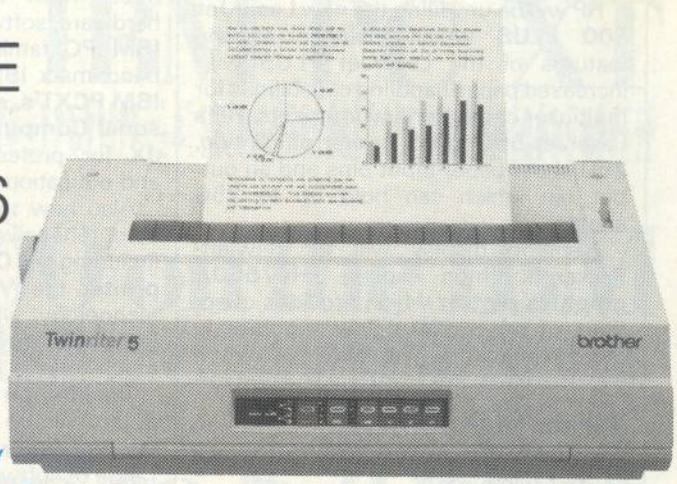
EASTERN MICRO ELECTRONICS (Sales) P.T.Y L.T.D

MELBOURNE OFFICE
92-94 Bank Street
Sth. Melbourne 3205
Tel: (03) 699 3088
Fax: (03) 690 9562

SYDNEY OFFICE
Gnd Floor, Fortune House
88 Foveaux Street
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PROFOUND AND brother UNITE FOR PC 86 **STAND 724**





Trip to Jupiter Casino Surfers Paradise **To be WON!!**

Profound PC/XT

The Truly IBM Compatible Computer
Standard feature includes:
— 640K Mainboard
— 8 Expansion slots
— 1 Parallel port
— 1 Serial KS232 port
— Joystick port
— Real time clock/calender
— VDU Controller board
— Cherry keyboard

As part of a special promotion commencing 1st June at PC 86 and ending 31st July. Every purchaser from EME Melb. or Sydney combining any Profound computer and Brother printer will be entered in a draw for a weekend trip (29th Sept.) to Surfers Paradise staying at The Jupiters Casino. Full details available from EME. Winner will be announced in September edition of *APC* magazine.

Having been appointed a MAJOR BROTHER dealer. EME in conjunction with Brother Industries will be exhibiting a range of Brother Printers at the show.

A Brother representative will be present at the stand to demonstrate and discuss your printing requirements.

The Brother range includes:
— HR-5 Thermal
— M-1109 D/M 100 cps NLQ
— M-01509 D/M 180 cps NLQ
— 2024L D/M 24 pin 160 cps NLQ
— Twinwriter 5 — Dual head printer
— HR-10 D/W 12 cps
— HR-15 D/W 17 cps
— HR-35 D/W 36 cps
AND MORE.

Welcome to our Stand

No 724

Any enquiries welcome

software offerings including word processing, spreadsheet analysis, business graphics and data base management.

The perfect companion for the busy professional on the move, the **Portable PLUS** will also be featured.

To complement their PC range, HP will be exhibiting an exciting range of printers and plotters including the innovative **LaserJet** and **ThinkJet** printers designed for people who use Personal Computers in business.

HP will be unveiling the new **LaserJet 500 PLUS** which includes all the features of the LaserJet PLUS with increased paper-handling capabilities for multiuser computer environments. HP's LaserJet 500 PLUS printer offers two, 250 sheet paper-input bins and an output bin which can hold up to 250 sheets.

Also on display will be Hewlett-Packard's high speed **HP7550A graphics plotter** which provides quantities of top-quality colour graphics in record time.

Human Edge Software

Suite 203, 63 Stead Street
South Melbourne
Vic 3000
Tel: (03) 690 5014

PC
Stand 468
Eastern Annexe

Human Edge software products follow a strict expert systems approach. They are designed to give the user a competitive edge in the humanistic skills of business and life.

Human Edge's three basic types of expert systems are the Mind Series, the Edge Series and the Expert Series.

The Mind Series includes **Mind Prober** and the newly released **Mind Over Minors**. Mind Prober delivers a personality profile on your subject — revealing how that person copes with stress, behaves in relationships, their attitudes towards work and sex and their personal interests. Mind Over Minors is a serious tool for parents and teachers to motivate, discipline, reward and manage children, based on the childs individual personality.

The Edge Series includes the **Negotiation Edge**, the **Sales Edge**, and **Management Edge** and the **Communication Edge.** These programs contain the advice of experts from several fields. By assimilating the advice of these experts with the situational characteristics provided by the user, a strategy report is developed.

The Expert Series includes **Expert Ease** and **Expert Edge.** These programs enable the user to build his own expert system. Expert Ease uses inductive logic to build his own expert system.

IBM Australia Ltd

100 Walker Street
North Sydney
NSW 2060
Tel: (02) 923 5884

PC
Stand 436
Eastern Annexe

IBM will exhibit and demonstrate products from the IBM family of PC hardware, software and peripherals. The **IBM PC** family includes the industry benchmark IBM PC, the new range of **IBM PCXT's,** advanced technology **Personal Computer AT** and the new **IBM JX** for professionals, small business and education.

Also new to the IBM PC family is a comprehensive range of PC printers including the **Color Jetprinter**, the **Proprinter**, the **Wheelprinter** and the new technology, whisper-quiet **Quietwriter** Printer. These products add the finishing touch to your IBM Personal Computer.

Running on the IBM Personal Computer will be application software of the highest order. IBM markets a huge range of software for the IBM PC family. As well as products developed by IBM there is also a growing number of offerings developed in Australia for specific vertical markets such as Attache for accounting, Autohost for hotels and motels and Salt Bush for farm management.

Don't forget to ask about quality IBM supplies and accessories such as flexible diskettes, printer ribbons, print wheels and storage boxes. IBM supplies and IBM equipment are quite literally made for each other.

IBM Australia Limited

Coonara Avenue
West Pennant Hills
NSW 2120
Tel: (02) 634 9111

OT
Stand 809
Western Annexe

Featured on the IBM stand will be the **System/36** and **System/36 PC**, with a wide range of office applications. The recently released IBM System/36 PC is a small, low cost, desk-top or floor-standing system that provides data processing, office and communication requirements for a variety of organisations, including: small companies that have no computer-based systems; IBM PC users who now require more flexibility and storage, or who want to provide common disk storage for a number of PC users; existing System/36 users who wish to include remote sites in a network of System/36's; and large establishments requiring a branch or departmental solution that is either independent or part of an SNA environment.

The multitasking System/36 PC allows users to view, change, add and print information without disrupting the operation of other users. System/36 security provides a means of controlling access to stored information and an audit trail of user activity.

Imagineering

77 Dunning Avenue
Rosebery
NSW 2018
Tel: (02) 662 4499
Tlx: 74349

PC
Stand 420
Eastern Annexe

Imagineering is one of the largest distributors of microcomputer software and one of the leading distributors of microcomputer hardware peripheral equipment in Australia and New Zealand. Imagineering operates exclusively as a value added distributor selling to IBM, Apple, Commodore and other OEM's including Olivetti, Canon, NEC and Sperry. Imagineering represents many of the leading microcomputer software and peripheral companies in the US, such as Lotus, MicroPro, Hercules, Emulex-Persyst, 3Com and Intel.

Some of the new products Imagineering will be presenting at this year's show include: **Paradox** — a database product from Ansa, Ben Rosen's new company (Ben Rosen was the venture capitalist who financed Lotus and Compaq), The **Auditor** from CSI (a Your Computer finalist for the Software Product of the Year — winner announced on April 2nd), 20Mb **DriveCard** from Mountain Computer, Software Publishing's **Harvard Presentation Graphics**, the **Bluebird Board** which enables up to 32 terminals to run from an IBM or compatible microcomputer, **Enhanced Graphics Card** from Hercules, **PCTerm** and **DEC220** terminals from Link, **Smart Image** from Sysgen, the **Above Board** from Intel, **3Plus** from 3Com, Emulex-Persyst's **Supercharger** and **AT Combo Board** and **ADI's monitors.** The new version of **Lotus 1-2-3**, **Report Writer**, **Symphony Link** and the **Lotus Add-Ons** will be presented as well as MicroPro's **WordStar 2000 release 2**, **Easy** and **ChartStar.**

Receive a $1,100 cash rebate on the 20Mb IBM PC AT, up to $600 on the IBM PC XT series, up to $300 on the IBM JX family and up to $300 on selected IBM PC peripherals.

Get moving to an authorised IBM dealer, or spend all day standing in a queue.

IBM
Authorised Dealer



Contact your Authorised IBM PC Dealer or call IBM Direct (and ask for extension 600) on Sydney 20531, Melbourne 6141511, Brisbane 2296711, Adelaide 212 6899, Perth 481 3588, Canberra, Darwin, Hobart and all other areas 008 222 224 (local call fee only). Rebate not available on purchases under Government or Education contracts or Volume Purchase Agreements. Offer valid while stocks last.

MN&C/DDB/IBM4174

Imhof-Bedco Standard Products Limited

Ashley Works, Ashley Road
Uxbridge Middx
UB8 2SQ England
Tel: (0895) 37123
Tlx: 24177 IB UXB G

Comms
Stand 711
Western Annexe

To be displayed by Imhof will be a selection from their extensive range of enclosures and other packaging related items, including 19" racks, cases, cardframes and slides.

Emphasis is on items specifically developed to solve the problems of the communications industry. They can also advise on RFI protected racking which attenuates the leakage of stray signals through the enclosure, these being offered in various standards to give precisely the solution required.

Other items include a 19" sub-rack system which conforms to all relevant international specifications.

Information Express

1155 Malvern Road
Malvern
Vic 3144
Tel: (03) 209 2222
Tlx: 151224

Comms
Stand 940
Western Annexe

Information Express is Australia's most comprehensive dial-up-database for business and financial information. Up-to-the-second information with profit potential has never been more accessible to the investment community. Information Express is now available from a low initial fee of $126.

Information Express provides dial-up, pay as you use, access to the following information: Investment/Finance, Commodities, Agriculture, and News & Weather.

Information Express's on-line portfolio valuation service "**ShareTrack**" is available at no extra cost to subscribers. ShareTrack allows instant valuations of any number of share investment portfolios. It can also be used to quickly monitor the full trading details of a portfolio.

Sophisticated communication facilities are an integral part of the Information Express service. Subscribers can communicate instantly with other subscribers using electronic mail. The automatic telex facilities allow subscribers to send and receive telexes using the Information Express telex service. This eliminates the need to lease a dedicated telex terminal, providing a cost saving of around $1800 per year.

Integrity Business Software

77 Station Street
Malvern
Vic 3144
Tel: (03) 509 5100

PC
Stand 404
Eastern Annexe

Integrity
Business Software

Integrity Business Software is an Australian company, founded in 1977, that specialises in providing business accounting software for micro computers.

Integrity markets such products as the **Ascent Series** single user software; **Horizon Series** multi user software; **Accounting One** and **Payroll One**, low cost accounting and payroll software.

Accounting One is the easy to use, low cost accounting system for the small business. It is designed specifically for the first time accounting user with a floppy disk micro computer. The program incorporates General Ledger, Accounts Receivable, Accounts Payable and Stock Control all in one 5¼" diskette.

The easy to use Ascent Series accounting system is designed for the small to medium sized business. The Ascent Series gives you Accounts Payable, Accounts Receivable, General Ledger, Cashbook, Inventory/Stock Control, Professional Time Costing, Payroll and Reporter.

The Horizon Series is the ideal system for medium to large businesses with a single or multi user hard disk micro computer. With Horizon you have Accounts Receivable, Accounts Payable, General Ledger, Cashbook, Inventory/Stock Control and Sales Order Entry.

Intelligence (Aust) Pty Ltd

123 Moray Street
South Melbourne
Vic 3205
Tel: (03) 690 6600
Tlx: 38027

PC
Stand 717
Eastern Annexe

Intelligence has developed a number of vertical market software products such as **Legal Accounting Package** (ILAS), **Public Accounting System** (IPAS), **Hospital System** (IHAS) and **Money Market Package**. In addition they have a single/multi user General accounting system called **CBA**.

Intelligence also imports a number of packages from overseas that include Dataflex a 4GL system. They have extensive programming experience in this language. All their major vertical market systems including CBA have been written in Dataflex. They provide seminars and training courses in Dataflex to a wide range of clients and dealers.

Due to their multi user software they have over the past four years developed extensive experience in networking and multi user systems. As they have already mentioned, Intelligence provides a total solution to their clients and to this end they have built up a team of programmers and engineers who are second to none.

Intouch Computing

1 Kent Street
Bicton
WA 6157
Tel: (09) 339 4431

PC
Stand 225
Eastern Annexe

Intouch Computing will be exhibiting their software package, The **Complete PC Tutorial**, which runs on the IBM PC and teaches computer usage and programming.

This Australian designed product uses a totally new instruction technique known as Pull Up Windows which allows a user to learn in the live situation rather than using a simulator.

The course assumes the user has no previous computer experience and covers general computing, the operating system, BASIC language, Assembly Language and an in-depth study of programming the IBM PC and compatible computers.

Says Managing Director, Richard Swannell, "The Personal Computer Industry is in desperate need of effective and inexpensive educational productivity aids. Our sales figures show conclusively that we are fulfilling that need on a world wide basis."

The Complete PC Tutorial is currently being exported to more than 20 countries and Intouch Computing is negotiating for Dutch, Japanese and Hebrew versions.

Many retailers are now bundling The Complete PC Tutorial with new computers because they agree that their sales people haven't got time to be teachers. It has also proved popular in corporations, schools and universities.

Intouch Computing will be giving away twelve copies of The Complete PC Tutorial during the show, so make sure you fill in your entry form!

Ionaire

328 Springfield Road
Nunawading
Vic 3131
Tel: (03) 877 1502

PC
Stand 105
Eastern Annexe

Dr Charles Wallach, a research scientist and author of "The Ion Controversy" wrote the following in 1983. It is widely reported that individuals who use computer terminal displays or word processors (VDT's) are often subject to one or more of a variety of complaints classed as Video Operator's Distress Syndrome (VODS) under the following conditions — frequent daily use, continuous use for more than two hours at a time, operator's face within 18 inches of display surface, little or no cross ventilation and exposure to dust and pollutents.

It is emphasised that the fault is not with the VDT's but rather the fault is with the environment in which the VDT is used.

VODS effects vary over a broad range of symptoms, which include the following: headache, loss of normal appetite, or actual nausea, respiratory distress, heightened stress, unusual irritability and moodiness, early onset of fatigue, shortened attention span, abnormal susceptibility to colds and flu, reduced productivity and reddening itch or rash of the facial skin and eyes. Research has found that VODS is caused by a phenomenon known as "ion depletion" in the ambient air. People remaining in stuffy ion depleted rooms for extended periods become moody, depressed and subject to stress.

To neutralise these effects **Aironic** have just released the model 2000. Ionizer. This unit is fan forced, filtered and suitable for small and large office areas.

Iraus

818 Pittwater Road
Dee Why
NSW 2099
Tel: (02) 982 4700

PC
Stand 568
Eastern Annexe

Iraus is the Australian subsidiary of Information Resources Inc. of Chicago, Illinois. Iraus provides a variety of services ranging from marketing research information to the most advanced Decision Support Software.

pcExpress is the latest DSS package from Iraus. Developed from their successful mainframe **Express,** pcExpress offers, for the first time, full mainframe DSS power on a personal computer.

pcExpress provides data handling, query modelling, statistical, reporting and graphics tools to support managers in every phase of daily and long-term decision making.

pcExpress contains a unique multi-dimensional database designed specifically for analysis.

pcExpress also offers complete data communication facilities providing you with a gateway to other PC products or host systems.

Iraus supply 'state-of-the-art' Decision Support software. Other products include mainframe Express, Promoter, Easytrac and X-Mate. Let Iraus help you make the most informed decisions.

James Hardie Spicers

160 Fulham Road
Fairfield
Vic 3078
Tel: (03) 497 1611
Tlx: 30071

OT
Stand 826
Western Annexe

Centre of focus on the James Hardie Spicers stand will be their '**Commerce**' and '**Spicerfax**' range of uncoated and coated paper rolls for use in calculators, cash registers, telex, facsimile, teller machines and other automatic office machinery.

James Hardie Spicers, as a member of the James Hardie Industries Group, are Australia's largest supplier of office roll products with manufacturing centres in three states and have the only truly

Lamson Engineering Australia Pty. Ltd.



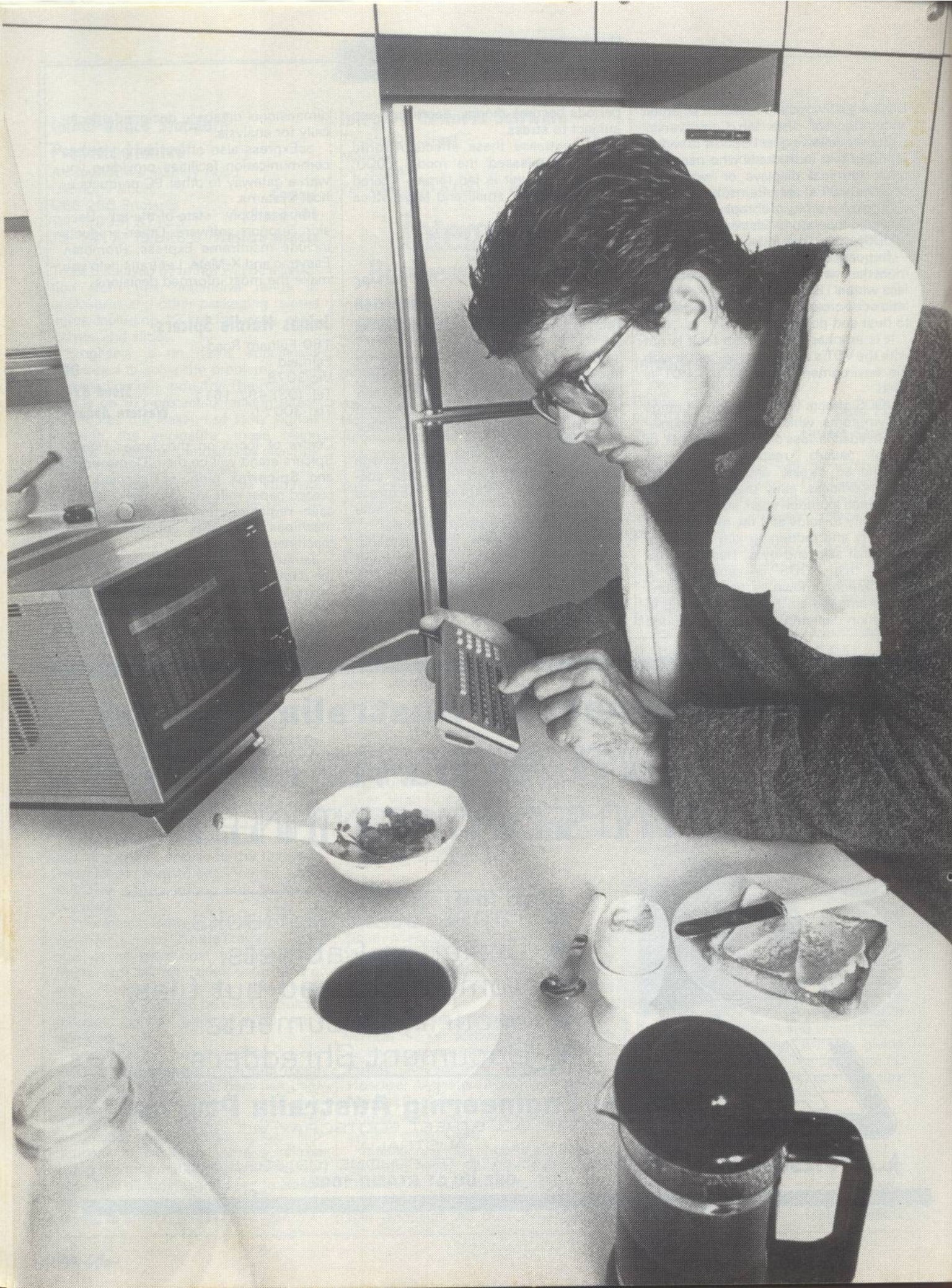
COMPUTER STORAGE EQUIPTMENT AND SECURITY CONTAINERS

BY DUFF STEEL

- Tapes Storage Racks.
- Diskettes Cabinets.
- Computer Read-out files.
- Security Documents.
- Document Shredders.

LAMSON

Lamson Engineering Australia Pty. Ltd.
212 WHITEHALL STREET, FOOTSCRAY, VIC., 3011.
AUSTRALIA.
TELEX AA152105 TELEPHONE: (03) 689 5566.
SEE US AT STAND 1002.



Why wait till you get to the office to find out what's happening on Wall Street?

Now you can find out what's happening on the US markets as soon as you get up in the morning.

With Money Watch, you can view exactly how the Dow Jones industrial index moved in half-hourly intervals while you were asleep.

And watch the US commodities and futures markets actually unfolding, with figures continuously updated every 10 minutes.

Which is a lot better than listening to sketchy radio or TV reports.

Money Watch also brings you a summary of the key world indicators. Including the FT 30 and FT-SE 100 indices, Standard & Poors 100 and 500 indices, and the spot gold bid.

So now you can start forming your opinion about the trading day in Australia much sooner.

And ponder your strategy while you're in the shower or stuck in the traffic.

Money Watch comes to you through your existing telephone line. To get it, you'll need an adaptor and a simple keyboard to connect your telephone to your colour TV or home computer.

If you add a printer and the right software, you can even chart the movements overnight and read the trends in the morning.

London too.

Money Watch also brings you the London market with FT-SE 100 stock prices updated five times throughout the night, including major Australian shares traded in London.

As well, we have the London forex, metals, gold, financial futures and commodities prices, updated continuously. And we even bring you the opening and closing reports on the Japanese, Hong Kong and Singapore markets.

Follow the Sydney and Melbourne markets minute by minute.

If the local share market is your living, Money Watch will bring it right into your office or home.

We have the Sydney and Melbourne prices on screen only four minutes after they're chalked up on the boards. Continuously updated.

We also have the Australian futures market figures, commodities prices, forex prices and money market rates.

A feast of broker opinions and world news.

Every morning, well-known economic commentator, Ralph Wragg, puts his Wall Street and London market reports on Money Watch. With prices and opinions on shares, forex, metals and commodities.

In addition, Money Watch's own journalists collect opinions from leading local stockbrokers and put them on the screen for you while they're still fresh.

We also bring you selected announcements from the stock exchanges.

And financial and political stories from the Australian Financial Review and Business Review Weekly.

Westpac is on our screen, too, with forex rates and comment on the money market.

So there's no shortage of opinion to help you in forming yours.

Impeccable credentials.

Money Watch is a service provided by John Fairfax & Sons Ltd and David Syme & Co Ltd. Publishers of The Sydney Morning Herald, The Age, The Australian Financial Review, BRW, Personal Investment and Triple A.

Money Watch was launched by the Treasurer, Mr Paul Keating.

What else can Money Watch do?

Money Watch can show you annual and half-yearly reports on 700 top companies.

It can let you buy and sell shares seven days a week, 24 hours a day. And a lot more.

Anyone with a telephone can get Money Watch because it comes to you through the national Viatel network.

And anyone can afford it.

If you'd like to know more about Money Watch, please call Julie Gardner on (02) 282 1665 or Tom Green on (03) 698 6339, or use our toll-free number 008 22 2502.

We'll be delighted to arrange for you to see a demonstration.

Or send the coupon for more information.

MONEY WATCH
A Fairfax/Syme service.

To Money Watch: G.P.O. Box 506, Sydney, NSW 2001 or 1st Floor, 301 Clarendon Street, South Melbourne, Vic 3205.

☐ Please send me full information about Money Watch.

☐ I would like to see a demonstration.

Name _____

Name of Company _____

Address _____

_____ Phone _____

Type of Business _____

national distribution service with warehouses and sales outlets from Townsville to Perth including Tasmania.

James Hardie Spicers work hand in hand with equipment manufacturers in developing the right consumables for the end user.

Commerce and Spicer-Fax are two of the well-identified James Hardie Spicers brands available through a very extensive network of office supplies distributors.

Johnstone & Morrison Pty Ltd

92-96 Albert Street
Brunswick
Vic 3056
Tel: (03) 387 5744

OT
Stand 829
Western Annexe

Johnstone & Morrison Pty Ltd will be offering the highly advanced **Spectrum Computer furniture system.**

Ergonomic research indicates the need for a Workstation which offers the user maximum flexibility with minimum fuss.

The areas of primary user adjustment requirements are: seat height, keyboard height and screen height and swivel.

It was decided that rather than provide keyboard height adjustment from the work surface, the work surface itself should be adjustable with a keyboard well inserted.

The advantages are that the work surface is permanently at an accessible level to the user, and recommended height levels are more easily attainable.

VDU height adjustment is achieved by a simple arm and sliding base mechanism, directly attached through the work surface to the subframe. Lifting is by counter-balanced gas lift.

Lifting is assisted by gas struts which can be interchanged to suit client's requirements (for instance, use of typewriter in place of keyboard or heavy CPU systems).

The design concept makes provision for the widest possible performance requirements, using economically produced componentry to produce a complete system range.

The major features are a unique appearance, a totally flexible layout arrangement using standard panels, and a modular componentry allows a range of system options.

Kaypro Computers

Unit 2, 9-11 Ethell Road
Kirrawee
NSW 2232
Tel: (02) 542 3866

PC
Stand 566
Eastern Annexe

KAYPRO® CORPORATION

The United States based computer company, Kaypro Corporation will be unveiling it's new line of 16 bit computers for 1986.

On display will be the new **Kaypro PC** — a dual floppy, 8088 based desktop boasting full IBM compatibility at an affordable price. Timeclock/calendar, serial, parallel, RGB, monochrome, and composite output are standard. Also included is a generous supply of popular software all wrapped up in a 'new look' for Kaypro.

The Kaypro PC can also be upgraded to an 'AT' by simply pulling the processor card and inserting Kaypro's 286I board. Due to the 'open architecture' upgrading and servicing is a snap, since the Kaypro PC uses plug-in boards rather than the outdated 'motherboard' technology. Soon to be available will be the Apple and CPM compatible upgrade cards.

The **Kaypro 2000**. Kaypro's newly released lap or 'briefcase' computer with the power of a desktop is back bigger and better than ever.

The new **Kaypro 2000E** has all the features of the 2000 except for a new bigger and brighter screen along with 720K of disk storage, 768K of internal memory-standard. Timeclock/calendar, fully bundled software, charger, and padded carrying case, and IBM compatibility.

Kim Tian Computer Trading Pty Ltd

BLk 1200,
Depot Road
#06-25/27 Telok Blangah
Industrial Estate
Singapore 0410
Tlx: 38155

PC
Stand 570
Eastern Annexe

This company boasts of being the main manufacturers of personal computers in Singapore. Their products include **MTC Monitor** and **C-80S Printer** which is reliable and economical. Their products are in regular use in thousands of offices and homes all over the country. They are also the main distributors of **Sakata Monitor, Epson LX 80 Printer** and **Super 5 EP 1000 Printer.**

American PCXT 640k consists of the multi layer, the main board which is running at 4.77 MH, disk drive card, colour graphic card or monochrome display, I/O plus, port build-in, one to four disk drive and one 150W power supply.

Xebec Turbo PCXT 640k includes the mainboard which is running at 8.77 MH or switchable to 4.77 MH, disk drive card, colour graphic or monochrome display, I/O plus, port build-in, one to four disk drive and one 150W power supply.

Star PCXT 640k consists of the mainboard which is running at 4.77 MH, disk drive card, colour graphic card or monochrome display, parallel printer port build-in, one to four disk drives and one 150W power supply.

AT Compatible comprises 1 MB RAM on board, colour graphic card or monochrome display, serial parallel port, 1.2MB disk drive, 85 MS 20MB hard disk and 200W power supply.

Lamson Engineering-Duff Steel Div

212 Whitehall Street
Footscray
Vic 3011
Tel: (03) 689 5566
Tlx: 152105

OT
Stand 1002
Western Annexe

On display will be some of the 'Hi Security' range of Lamson Duff containers for file storage of documentation and magnetic computer tapes. Also, furniture for computer rooms such as receding door cabinets in various configurations for media storage can be seen.

The M.S. range of document shredders will be demonstrated, which complements the security range.

Lectrum

242 Lennox Street
Richmond
Vic 3121
Tel: (03) 668 1781
Tlx: 36963

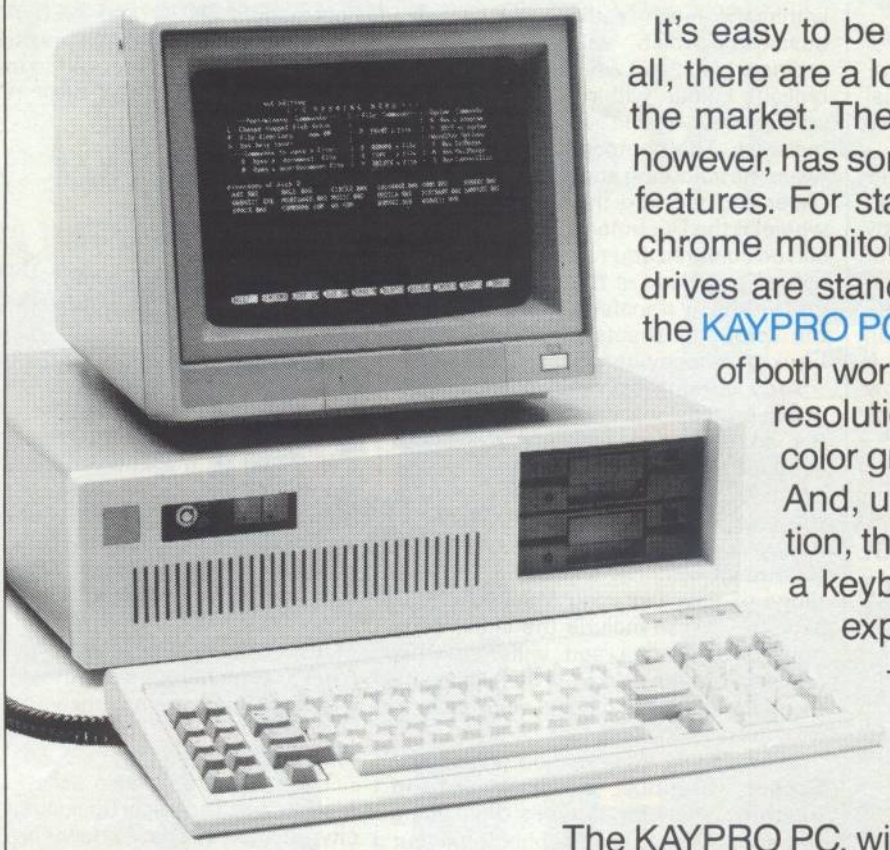
OT
Stand 923
Western Annexe

Lectrum

Fully designed and developed in Australia, the Lectrum range of conference systems (from the simplest of lecterns to systems incorporating infra-red remote control of audio-visual aids) represent among the most advanced communication aids available in the world.

The **Lectrumette L400 Conference System** is a simple to operate, elegant and very functional presentation lectern that allows lecturers to choose the level of control they wish to exercise over their presentations. The control panel is carefully planned so that anyone, at the touch

Don't Be Fooled By Expensive Imitations



It's easy to be confused. After all, there are a lot of *beige* PCs on the market. The KAYPRO PC, however, has some very distinctive features. For starters, a monochrome monitor and *two* disk drives are standard. In addition, the KAYPRO PC boasts the best of both worlds – perfect high-resolution text and built-in color graphics capability. And, unlike the competition, the KAYPRO PC has a keyboard just like the expensive IBM PC AT – security lock and all.

The KAYPRO PC, with its 8088 CPU and 256KB RAM (expandable to 768KB) delivers 100% IBM PC or PC XT compatibility. It's got nine slots for easy expandability and service. Plus, every KAYPRO PC buyer gets a generous collection of quality business software, including WordStar, absolutely free. Finally, the KAYPRO PC is easily distinguished from the others by the sticker on the box that says "Made in the U.S.A." See the KAYPRO PC difference at your Kaypro dealer. You'll know that ***Kaypro Means Business*** – and business computers.

PRICE: $2195.*

WITH 20 MEG **$2995.***

Trademarks: IBM, International Business Machines; WordStar, MicroPro International

*Suggested Retail Price

(Prices do not include monitor)

KAYPRO® CORPORATION

Innovators of Electronic Products for Over 33 Years

For more information on the Kaypro product line call: **(02) 542 3866**

DEALER ENQUIRIES WELCOME

See us at **Booth #566**

of a button, can confidently switch on and operate a variety of audio and visual aids such as slide and film projectors, video systems and tape recorders. When installed in a set location, control of standard peripherals systems such as house lights and curtains is also possible.

Although the system has control functions which meet the majority of presentation requirements, its technical flexibility allows further adaptation for special installations.

As the lectern is totally portable, battery powered and incorporates infra-red remote control, it can be set up quickly and not restricted by the problems of cable connections, other than that required for a microphone. When used with a radio microphone the system can be operated completely cable-free. A hand controller is also available to allow full freedom of movement on stage or within the audience.

Leo Hemingway & Pickett

330 Sydney Road
Brunswick
Vic 3056
Tel: (03) 380 5151

OT
Stand 1207
Western Annexe

Leo Hemingway and Pickett, in conjunction with their associated company Harting Australia, will display a range of vending machines suitable for use in both office and industrial areas.

From the comprehensive range of **Moyer Diebel** (MOM) hot and cold beverage vending machines, three models will be on display. Model 1000X counter-top hot beverage machine, dispensing whipped chocolate or milo, coffee, tea or soup or cappuccino is an ideal machine for the smaller office, with model F04-6, a free standing fully automatic machine for the larger office area.

Also on display from the Moyer Diebel range will be model Ch73, a larger combination hot and cold drink machine.

From Automatic Products of the U.S.A. comes the latest state-of-the-arts snack vending machine, the **Snackshop 7000** series, with the latest gum and mint dispensing unit, improved visibility for display of products, and M.I.S. (Management Information System). Also displayed will be the electronic **Harting Cigarette Vending Machines**.

Letraset Australia Pty Ltd

13 Clearview Place
Brookvale
NSW 2100
Tel: (02) 93 0291
Tlx: 22233

OT
Stand 1003
Western Annexe

Letraset®

For the first time in Victoria, Letraset will introduce the **Omnicrom 2000**, well within the reach of the office or small business, which will transform an ordinary black and white photocopy into brilliant colour within seconds. Thirty colours are available including a range of metallics. The photocopy is placed between the colouring sheet and its backing paper and fed into the Omnicrom. The whole of the Document, or just part of it, can be coloured and two or more colours can be produced at the same time. The unit works by transferring pigment from the colouring sheets directly onto the black photocopy image.

Kroy lettering is an innovative concept in fast professional in-house typesetting. It's an easy and economical way to enhance all printed communications. As of April 1, 1986, Letraset has become the sole importer of Kroy Products in Australia.

Letraset will be exhibiting the full range of Kroy Lettering Machines. This exhibit will also include the latest addition to the range and will mark the release of the **Kroy 190** Lettering machine incorporating the very latest in Kroy technology.

Letraset will also have on display the **Gerber Graphix 2 Sign cutting machine**, ideal for all types of labelling and sign making, the Graphix 2 will cut lettering out of self adhesive vinyl up to two inches in height.

Limco Products Mfg Pty Ltd

109 Kallang Way 2
Singapore 1334
Tlx: 20101

PC
Stand 128
Eastern Annexe

Today, Limco is one of the leading manufacturers of personal computers in Singapore. Its latest machine on the production line is the **Lingo PC-88**, an IBM compatible machine.

The Lingo PC-88 is based on the 16-bit 8088-2 micro-processor. An optional 8087-2 co-processor can also be installed to speed up execution of complex instructions. The main board is designed around four layers instead of the standard two. This makes the system as a whole more stable and less susceptible to noise interference and power loss.

The Lingo PC-88 comes standard with a maximum RAM memory of 640k onboard. There is never a need to worry about future memory expansion or to buy additional memory expansion board, unlike other computers. Lingo PC-88 allows the user to operate at a standard speed or AT turbo speed through a selective switch.

Lingo PC-88 has joined the giants in the industry in offering greater compatibility. Like Olivetti M24, HP Vectra, Commodore PC20 and NEC APC III, Lingo PC-88 uses Phoenix licensed bios. Lingo PC-80 is also licensed to use Microsoft MS DOS and GW Basic (Version 3.2).

Mace

6 Bardolph Street
Burwood
Vic 3125
Tel: (03) 299 1307

PC
Stand 111
Eastern Annexe

Mace is an independant computer user group. Its aim is to promote the use of the Atari personal computer and its associated peripheral equipment.

It meets on the 2nd Sunday of each month in the Audio Visual rooms of the Rotunda Building, Monash University at 12pm, except January. There are several special interest groups, (STING — ST Interest Group, Machine Language, Logo/Education, Adventurer's Anonymous, Screen Art and others) and publish each month a professional looking magazine, which carries advertising and news of special deals for members.

The magazine is also available from McGills and Technical Bookshops, in the city, and Calcutronic, in Hawthorn. Membership is currently over 250 members, and costs $24.00 a year plus a $5.00 joining fee. Further enquiries can be made from the following address: Mace, P.O. Box 340, Rosanna, Victoria, 3084.

Mars Electronics

25-49 Smith Street
Hillsdale
NSW 2036
Tel: (02) 661 7474
Tlx: 21499

OT
Stand 931
Western Annexe

MARS ELECTRONICS



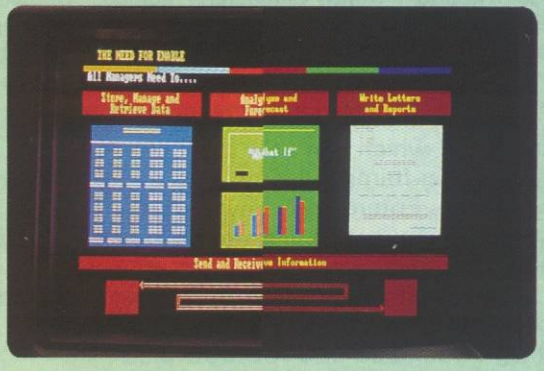
Mars Electronics will be exhibiting a wide range of products associated with both coin and card payment systems. Electronic coin mechanisms ranging from multi-coin **MS100 Series Acceptors** used in cigarette machines and small vending machines to **MS1600 Series Changegiving mechanisms** which offer an extensive range of features resulting in increased sales and improved machine productivity.

SEE WHAT A DIFFERENCE TAXAN MAKES

For important new product releases visit Megavision on Stand 116 Eastern Annex.

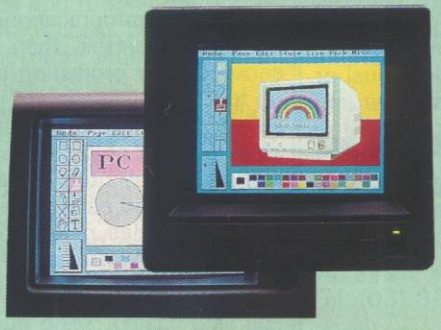
WHEN THE SAME IS NOT THE SAME





- *'Lotus 123' never looked better.
- Compare text and graphics for colour and clarity. Typical image of integrated software courtesy *'Enable'.
- Taxan Super Vision IV with 'Taxan KIF-3800' Super high resolution graphics card.

SETTING NEW STANDARDS

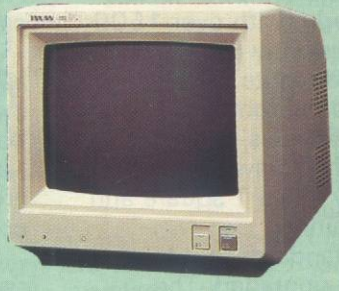


- *'PC Paint' Images so crisp you can draw your own conclusion. 'Paintbrush 400' — **FREE with every *' Color 400'.**

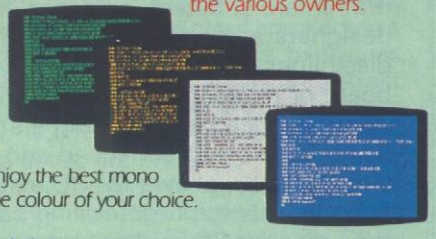


- Cad-Cam ... more colours and definition to expand the use of Cad-Cam. Compatible with *'Autocad'. *'Versacad' — *'Cadplan' and others.
- Taxan Super Vision IV with Color 400'.*

Increase productivity, reduce transcription errors and eyestrain ... Taxan monitors conform to A.I.I.A. standard.
Tilt or Tilt + Swivel Base optional.



*Above mentioned trade names are trademarks of the various owners.



4 screens to enjoy the best mono definition in the colour of your choice.

TAXAN

CLEARLY THE DIFFERENCE

Available at all participating retail outlets.

'Taxan KIF-3800' and ' Color 400' are compatible with all IBM* PC Software. All images are actual photographic reproductions using a typical PC colour monitor for comparison.

Distribution in Australia exclusively by:

MegaVision™ PTY LTD

MEGAVISION HOUSE
255-259 Pacific Highway North Sydney NSW 2060
Telephone: (02) 957 5797.

TLC 67-86

STAND BY STAND

Dataguard is a comprehensive and cost effective data retrieval system originally developed for the vending industry which enables accurate cash and product audit to be obtained without having to use time consuming manual systems.

Mars Electronics new multi-purpose payment system, **Multicard**, provides a flexible dual payment system enabling machines to accept both coins and personalised debit cards in payment for products or services. Initially Mars Electronics see Multicards' prime application in vending sites with both regular and casual users. At hospitals, airports, colleges and sports centres, for example, regular staff and members can be provided with a debit card, while casual or visiting users would continue to purchase with cash.

Also on show are Mars Electronics latest coin and payment systems for photocopiers; **Copytron** and **Copycard**.

Medialux Pty Ltd

67-69 Roberts Avenue
Mulgrave
Vic 3170
Tel: (03) 548 2944

Comms
Stand 606
Western Annexe

Medialux is one of Victoria's leading designer and manufacturer of audio visual equipment including professional light boxes and slide rear projection systems.

The Light box range includes the popular A2 and A3 portable desk top units and the recently released A.O. pedestal mounted model. The A.O. light box, complete with glass top and electronic dimming can be fitted with the Dalkeith Paraline, making it ideal for graphic and electronics drafting, and lithography.

Medialux will launch the new **Brieflite** attache case presentation unit at the Show.

Public communications has never been more simple than with the ML series of rear projection cabinets. Now up to 256 selections are instantly available with a single touch. The ML series is ideal for electronic directories and information display units for shopping centres, travel and estate agencies.

Medialux has established close ties with Kodak (Australasia) Pty Ltd and will be demonstrating some of their latest audio visual equipment at the exhibition including **Execuvision Slide Production Computer Software**, the SRA and SAV range of slide projectors. The **Ultralight Portable Overhead Projector** will be launched at this exhibition.

MegaVision

MegaVision House
255-259 Pacific Highway
North Sydney
NSW 2060
Tel: (02) 957 5797
Tlx: 123436

PC
Stand 116
Eastern Annexe

MegaVision™

Continuing development allows MegaVision to offer again an array of new products and thus continue to offer both the retailer and the end user cost-effective and enhanced products.

The following exciting new products are on our stand while our existing products can be seen on many stands.

For the best Monochrome and Colour Graphics output/display — ***Taxan KIF-3800S** (Super Colour Graphics Card — short version); ***Taxan KIF-3810S** (Super Colour Graphics Card with 8K RAM/ROM option for second character set) and Complete with 'Down Load' Utility/Character Editing Software); ***Taxan Super Vision IV** — High resolution colour monitor; ***Taxan Super**

In Australia Entercom Computer Company took on the distribution of what is now the most popular microcomputer CADD (Computer Aided Design/Drafting) software package. It wasn't number one 3-1/2 years ago: it wasn't even in commercial existence 4 years ago. However, Autocad has emerged as the number one microcomputer CADD package in Australia and the world, with over 1500 licenses sold in Australia and currently (April 86) with just under 50,000 installed sights worldwide. Autocad has become a fundamental tool for the draftsman, architect, engineer, facilities planners, designers and a multitude of other drawing disciplines who would ordinarily use a T square and board or drawing/drafting machine.

Autocad is becoming a standard, as it is continually being enhanced and upgraded. The latest release, allows for 3D visualisation, curve fitting and macro programming capabilities. Autocad runs on over 30 microcomputers, with more being released on a continual basis and supports over 100 inupt and output devices.

AE/CADD (TM) designed for architects by architects allows these disciplines specific people to increse their output up to ten times faster than the conventional methods used in the past.

The program has evolved from a simple drawing editor to a powerful design/drafting productivity tool which can now be compared to larger mini and main frame systems, at a mere 5% of the cost of these. Entercom believes that by the end of the year, the distinction between CADD and micro-based will disappear.

Entercom is working towards promoting the Autocad package, with this years marketing campaign budgeted at $150,000 plus.

Autocad is being called for CADD applications, what Wordstar was for wordprocessing, what Lotus was for spread sheets and what D-Base II was for databases.

The marketing campaign this year will centre around the theme, "Drawing plus designing with computers equals Autocad."

No other CADD package has over 150 3rd party software products to enhance its applications and no other CADD package is so user customizable.

Autocad is number one.

For all the right reasons.

ENTERCOM
COMPUTER CO.

136 BRIDGE ROAD, RICHMOND, VICTORIA, 3121, AUSTRALIA. TELEPHONE: (03) 429 9888 TELEX: 30625 ME1400

Vision IVM — Medium resolution colour monitor; ***Taxan KX-1222 Green** — High resolution monochrome (TTL) with 16 intensity levels and ***Taxan KX-1223 Amber** — High resolution monochrome (TTL) with 16 intensity levels.

Both Taxan KX-1222/1223 are compatible with Taxan KIF-3800S/3810S, and Colour 400 Graphics Cards.

For your CAD applications, we will be showing ***Taxan Colour 400** — Super high resolution graphics card with 16 colours at 640 x 400 resolution, 128K of RAM, RS232C (Mouse) Port, and Compatibility with all popular CAD packages as well as Lotus II, Framework II, Mirage; ***Taxan Super Vision IV** 740 (TTL) — 16" Super high resolution monitor which is Compatible with Taxan Colour 400; and ***Taxan CAD-20** — 20" CAD-Analog monitor for more demanding applications with 15.75KHz to 31KHz and .31 Dot Pitch.

For education, or combined video/digital input, come and see ***Taxan Vision XL III**, a 14" Analog/TTL switchable with .40 Dot Pitch, Analog, TTL and Composite input, Audio In and Out (including earphone jack) and PAL/NTSC.

For the latest in high speed Dot Matrix Printers — ***Taxan KP-3500** — New Release — Intelligent Printer High speed dot matrix printer — draft 350 cps, NLQ 87.5 cps; Interface — Centronix parallel (RS232C optional); Dot matrix — draft 12 x 9, NLQ 24 x 16 Full tractor feed — cut sheet feed optional; Noise — less than 58 decibels; Buffer — 4K byte — 64K optional; Paper size 127 to 431.8mm wide A3 standard); Software — Epson and IBM compatible; Special feature — front panel selectable *Print mode *Pause/Change mode *Additional Fonts/Cartridge

For the latest in read-only storage techniques — ***Taxan DRD 530** — CD-ROM Drive — New Release. High speed CD-ROM drive mechanism (average seek time of 0.3 seconds, maximum 1.0 seconds), compatible with SASI/SCSI interface. Full height for PC installation. Compact ROM disk is carried in 'caddy-case' for protection and easy insertion. Storage supporting CD-1 standard for 560 megabyte Read Only Memory.

Memorex

499 St Kilda Road
Melbourne
Vic 3004
Tel: (03) 267 2955
Tlx: 34025

PC
Stand 502
Eastern Annexe

Based on a theme of "Memorex makes magic products", and featuring a live conjuror, the Memorex stand should make an impact at the Royal Exhibition Buildings.

All the products in the company's magnetic media and accessories range will be displayed, from its new-generation, 3.5 inch '**SuperDisk**' and high-capacity 5.25-inch flexible disk, to an innovative head-cleaning disk and library boxes.

According to the Memorex Media Manager, Robert Ek, the head-cleaning disk is really a touch of magic. "No messy liquids or powders are involved. You simply insert the cleaner disk in your drive for 15 seconds, and it does the rest — and it's good for at least 150 cleans."

SuperDisk can store a full megabyte of data in its compact 3.5 inches, and has exhibited incredibly high stability when subjected to intensive bit-shift tests.

Memorex's expanding range of magnetic media currently includes 8-inch disks, high-capacity and standard 5.25 inch disks, and standard and SuperDisk 3.5 inch microfloppies. Its range of accessories includes such items as head-cleaning disks, plastic disk library cases and a wide selection of other media storage devices.

Microbee Systems Limited

Unit 2, Eden Park Estate
31 Waterloo Road
North Ryde
NSW 2113
Tel: (02) 886 4444
Tlx: 72767
Fax: (02) 88 7763

PC
Stand 544
Eastern Annexe



Microbee Systems Ltd is planning to reveal additional members of its outstanding new 1986 "**Gamma** Series" of machines, which represent a dramatic departure from previous models while still retaining software compatibility with them. Top of the line is the recently announced 68000-based and UNIX compatible 32-bit **Gamma Professional**, featuring 1 Megabyte of user RAM and high speed 720 x 350 colour graphics with a palette system providing a choice from 4096 hues. The Gamma Professional is a multiprocessor, multitasking machine that can run 32-bit, 8-bit and also 16-bit software if fitted with an optional 80186 co-processor card.

Joining the Professional model are a new series of 8-bit Gamma models. These are much enhanced versions of the earlier Microbee, with fully integrated system-disk unit and a separate ergonomically designed keyboard with 92 keys. They come with 128K of RAM as standard, and are supplied with CP/M-80 enhanced with the company's icon-menu shell and utilities.

Apart from the Gamma series, Microbee will also be unveiling at least two completely new 16-bit systems, offering a high order of software compatibility with the IBM PC and PC/AT — plus a very friendly graphics-based user interface.

The MicroComputer Club of Melbourne

PO Box 60
Canterbury
Vic 3126
Tel: (03) 859 9871

PC
Stand 119
Eastern Annexe

The MicroComputer Club of Melbourne (MICOM), was originally founded in February of 1977 as a meeting place for anyone interested in computers, particularly smaller personal computers.

The interests and background of the membership ranges from High School students trying to learn about new technology through to computer professionals seeking to implement ideas and techniques which would not be possible (allowed) on large, commercial systems. These include business applications for micro-computers, hardware techniques, special interfacing, process control, word processing, and of course, games.

Club meetings are informal events where people can always find something of interest. We have guest speakers, systems on display, film days, barbeques, question and answer sessions, trash and treasure days and if none of that interests you COME ANYWAY because the tea and coffee are FREE.

As well as the mainstream of the club, the club also offers a variety of special interest groups. These include CP/M User Group, Hitachi Users Group, Victorian Big Board Group, Otrona Group, Prolog Group, and Social Implications Group.

The club also offers a comprehensive library, list of bulk buys, and one of Australia's most popular bulletin board systems — The **MICOM CBMS**.

So come to MICOM and avoid the mistakes of personal computing by meeting the people who have already made them.

STAND BY STAND

MicroPower Pty Ltd

66 Upper Heidelberg Road
Ivanhoe
Vic 3079
Tel: (03) 497 3302

PC
Stand 484
Eastern Annexe

Local Area Networking microcomputers using **Novell Netware** will be the main feature of MicroPower's exhibit. The network on display will be running the multi-user version of **Power Software** which will be of particular interest to companies seeking a versatile accounting package capable of being tailored to meet specific requirements. Office productivity software, **Smart** and **Open Access,** including the integration of telex with word processing, will also be featured.

The network will be utilising both NEC, APCIII, Canon, and IBM compatible hardware — with tape backup, NetCom modems, NEC printers and Epson printers.

Also on display will be a range of computer furniture and an alternative PCXT/AT keyboard, the **Multitech KB-097**, with separate numeric and cursor keys, function keys on the left hand side, large enter key and LED function lights.

MicroPower is an Apple dealer and can arrange a "Macintosh Test Drive".

Micro Shack Pty Ltd

17A Brighton Road
St Kilda
Vic 3182
Tel: (03) 534 0286
Tlx: 38581

PC
Stand 578
Eastern Annexe

MICRO SHACK

Micro Shack Pty Ltd supplies educational, hobbyist and institutional markets with high quality/low priced microcomputer products.

Micro Shack offers service and support comparable to that of many larger companies. This continues the tradition of expert service began in 1983 when Mr Philip Lui, Micro Shack's Managing Director, established Philitronic Components and Services Pty Ltd. His expertise traces from Hong Kong training and five years servicing microelectronics for Adler Business Machines.

Micro Shack assembles locally its "PCS" PC compatible computer (see it on Stand No. 578), and supports all kinds of PC users with inexpensive PC peripherals and accessories including **Sakata**, **Super-5** and **Sendata**. The PCS is fully backed with a 6 month labour/parts guarantee and long-term service contracts.

PC peripherals and accessories include a full range of color and monochrome monitors, add-on boards, hard disks (to 100 MB), tape backup systems, printers, modems, networking hardware/software and popular applications software.

Products for industrial uses and experimenters include A/D converters, industrial controllers for almost every application customised to specifications and MIDI interface for musical instruments with full software support.

Mitsubishi Electric AWA Pty Ltd

348 Victoria Road
Rydalmere
NSW 2116
Tel: (02) 638 8444
Tlx: 22761
Fax: (02) 684 1342

PC
Stand 416
Eastern Annexe

MITSUBISHI ELECTRIC AWA PTY. LTD.

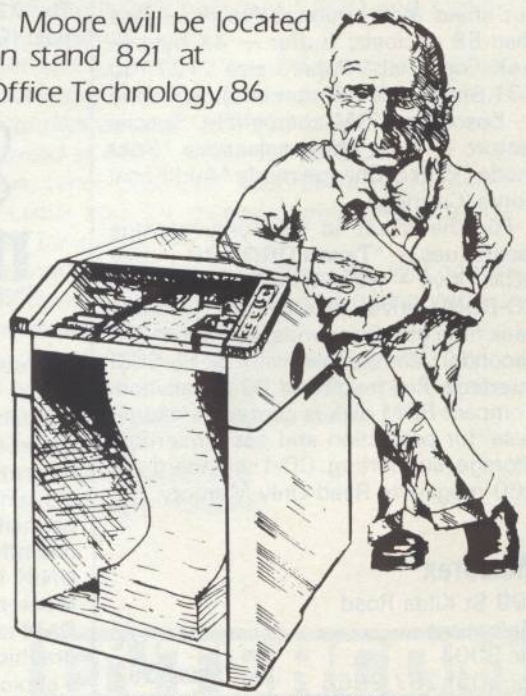
MOORE

Forms Handling Equipment

Moore manufactures a comprehensive line of forms handling equipment to efficiently handle the task of processing forms after computer printout. Continuous forms can be imprinted, decollated, slit, folded, detached and stacked with speed, ease and accuracy. Moore covers the complete spectrum of forms handling needs with a variety of machines, from heavy duty machinery for high volume forms processing, to mid range and small equipment for lower volume forms handling operations.

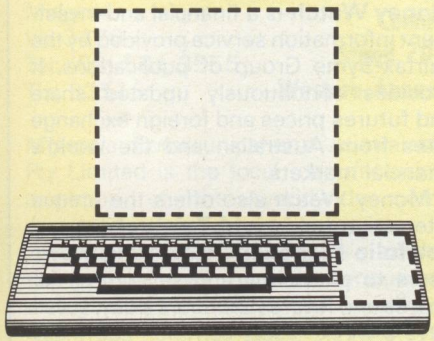
The "minis" from Moore — a desk top decollator and compact detacher — are a pint-size but powerful pair of forms handling equipment that has been designed especially for small systems users. These small and sturdy machines provide a viable alternative to tedious inefficient manual decollating and detaching of small quantities of continuous forms.

Moore will be located on stand 821 at Office Technology 86



MELBOURNE	SYDNEY	BRISBANE	CANBERRA	ADELAIDE	PERTH	HOBART
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FROM AROUND $429 YOU CAN OWN A COMPUTER WITH THE LOT



Our Competitors
Key Board Only. No Monitor. No Disk Drive. No Data Recorder.



Amstrad CPC464 Computer with Monitor and Data Recorder

The Amstrad CPC464 comes with a green screen monitor and built-in data recorder from around $429.

That makes it a "complete" home entertainment package.

With an Amstrad CPC464 you can play games, educate your children and organise your home affairs.

For the price, you won't find a more versatile home computer of such undisputed quality.

- 64K RAM (42K RAM available to BASIC)
- Green screen VDU with 80 column text display
- Typewriter style keyboard with large ENTRY key and sensibly positioned cursor keys.
- Numeric keypad for fast data entry and a full 8-bit character set.
- High specification and speed loading capability for programmes.
- 3-voice, 7 octave stereo output.
- Wide range of softwave available. Subjects include entertainment, brain power, education and business.
- Colour screen package available from around $629, complete with monitor and built-in data recorder.



Amstrad CPC6128 Computer with Monitor and Disk Drive

This ultra-efficient business and home computer comes with its own green screen monitor and built-in disc drive from around $699.

It can play games, or do more serious things such as spreadsheet analysis, budget calculations, debit and credit analysis, cost control, cashflow projections, sales forecasts, and many other accounting and business functions.

For the money you pay, there isn't a better business and home entertainment computer available.

- Incorporates both AMSDOS and CP/M operating systems.
- Powerful 128K memory.
- Monitor with 80 column text display.
- Built-in disc drive.
- Rapid loading. Instant cataloguing.
- 3 voice, 7 octave stereo output.
- Wide range of software available. Subjects include entertainment, brain power, education and business.
- Colour screen package available from around $899 complete with monitor and built-in disk drive.



No other system adds up to

AMSTRAD

Available from leading department stores, retailers and computer specialists throughout Australia

TPB818

AMSTRAD

Amstrad, the company whose PC the 8256 created the 'Computer Event' of 1985, is set to repeat this event with the launch of its latest extension model, the **PCW8512**.

The 8512 was designed specifically for the growing number of retailers and customers who want an affordable PC with greater speed and capacity. It is an enhancement of the popular 8256, not a replacement, and can stand alone or work alongside the 8256 with complete compatibility.

The PCW8512, like its sister the 8256, is a complete word processing model, but it has incorporated as standard the 1-megabyte unformatted/720K formatted second disk drive with double head and an extended RAM memory of 512K.

The 8512 can run a full range of CP/M based software and all the communications, graphics and accounting applications available from various suppliers.

Another major advantage of the PCW8512 is its price. The package, which combines monitor, two built-in disk drives, keyboard, printer and powerful Locoscript WP software, comes with a recommended retail price of around $1,600.

For further information and a demonstration, visit Mitsubishi Electric-AWA's Stand.

Mobex Pty Ltd

12 Barcoo Street
East Roseville
NSW 2067
Tel: (02) 406 6277

PC
Stand 216
Eastern Annexe

ATARI

Mobex will be displaying the exciting new Atari range of computers. The display will include the launch of the **1040 ST** 1 megabyte RAM computer with inbuilt 1 megabyte diskdrive which has made an enormous impact on the world market.

The 1040 ST is based around the 68000 CPU running at 8MHz and uses Digital Researcher's mouse controlled gem operating system. The 1040 ST features industry standard printer port (parallel centronics) and communications port (RS232C)

Also on display will be the full range of Atari products including the 520 ST series, with its range of peripheral devices such as 1 megabyte, 3½ inch floppy disc drives, 20 megabyte hard disk, the new SMM804 dot matrix printer and the well known range of 8 bit computers. There will also be a wide range of software covering business, graphics, music, entertainment and utilities.

There will be continuous live demonstrations featuring computer-driven synthesizer music generation, graphics, business applications utilising the gem operating system.

Mobex will be displaying a number of state of the art computer related products, with continuous demonstrations of computer driven midi interfaced **Casio CZ** series of synthesizers.

Casio have a large range of specialised hand-held computers which will be of particular interest for those with low cost specialist requirements.

Also on display will be the Casio range of computer driven electronic cash registers.

Modular Technology Ltd

Zygal House Telford Road
Bicester
Oxon England
Tel: (44) 869 253361
Tlx: 837907 (ZYGAL G)

Comms
Stand 840
Western Annexe

Modular Technology Limited is a rapidly growing British Company supplying the data communications industry. It is the communications equipment, design, manufacturing and marketing subsidiary of Zygal Dynamics plc.

The head office and manufacturing complex are based at Bicester in Oxfordshire. All Modular Technology goods are 100 per cent British designed and manufactured.

They are all designed to conform fully to the relevant CCITT, BABT, ZZF and other foreign PTT requirements as well as international safety standards. Approvals are held in the UK and various foreign countries. Goods are sold worldwide, either direct or through our comprehensive list of distributors.

Modular Technology supplies a significant number of computer or computer related companies direct as well as order catalogues, Local Authorities, Universities, UK and Foreign Government departments and Armed Forces.

The company is forever increasing its product range, which includes an RS232/V24 interface tester, which takes a very considerable proportion of the market, a complete family of acoustic couplers, a large selection of hard wired modems and a line of sight laser communications systems (as shown on Tomorrow's World), which is the most advanced of its kind.

Moneywatch

235 Jones Street
Broadway
NSW 2007
Tel: (02) 282 2825
Tlx: 20117

Comms
Stand 828
Western Annexe

Money Watch is a financial and investment information service provided by the Fairfax-Syme Group of publications. It provides continuously updated share and futures prices and foreign exchange rates from Australian and the world's financial markets.

Money Watch also offers the unique interactive services of **Telebroking** and **Portfolio Manager**. Telebroking allows users to place buy and sell orders for shares and futures 24 hours a day, seven days a week. Users can then add these shares to their portfolio and Portfolio Manager will track their value based on the latest share price, at the touch of a button.

Combine these services with detailed market commentary and regularly updated market news and investors will be able to act before the market has a chance to react.

Moore Paragon Aust Ltd

The Boulevard
Richmond
Vic 3121
Tel: (03) 429 3411

OT
Stand 821
Western Annexe

In today's automated office environment, it is vital that you have a reliable supplier for your total range or requirements.

Moore is just that 'Total Source' supplier.

From their range of State of the Art Forms Handling Equipment through to their innovative Word Processing Range, Moore is able to provide your office with all your needs.

Moore also offers the newest, most exciting advances in self-mailing applications. When you need a 'Total Source' supplier Moore is the obvious choice.

On display will be the comprehensive range of Word Processing consumables — Single Sheet Forms, Multi-Part Sets and Continuous A4, along with matching envelopes and all Printer Supplies are available from Moore — the Total Source.

Not only can Moore supply your Forms and Consumables needs, they also have a wide range of Forms Handling Equipment, to reduce the non-productive

manual separation and bursting of Continuous Forms.

Add to this the Moore **Speedimailer**, **Swiftmailer**, **Lazermate** and **Trifold Mailing Systems**.

Motorola Communications Australasia

666 Wellington Road
Mulgrave
Vic 3170
Tel: (03) 561 3555
Tlx: 32516

Comms
Stand 709
Western Annexe

Motorola Communications Australasia Pty Limited is the local manufacturing operation of the worldwide communications giant Motorola Inc.

The centrepiece of Motorola's exhibition will be their recently announced third general synthesized mobile radio — **SYNTRX** — fully designed and manufactured in Australia and recipient of the Australian Design Award for excellence.

Additionally, they manufacture among the leading range of handheld portable radios and pagers in the industry.

On display at the exhibition will be a range of their high technology products, including the low cost remote signalling unit — **SIGNX** — and their revolutionary **Trunking radio systems**.

Trunking systems provide "exclusive" radio channel type operation for the small user, while providing the large user with a high degree of fleet management capability.

Operating in the "noise-free" 800 MHz band, the system utilizes computer control to dynamically allocate radio channels. This dramatically improves channel access time, while providing previously unavailable spectrum efficiency.

The inherent design of the system also provides a degree of privacy from eavesdroppers not available to "conventional" users.

Nakajima All Typewriter Co Pty Ltd

19 Byron Avenue
Lower Plenty
Vic 3093
Tel: (03) 439 5822

OT
Stand 1217
Western Annexe

For the last three years in Australia, Nakajima All has supplied a variety of typewriters ranging from a Low Cost Manual Models, Portable Electric Models and Electronic Compact Typewriters.

The latest models ranging from a low cost Electronic model with features equal to middle grade models, another with more features and 2 Interfaces, will compete well in the marketplace.

Two other models have Centronics Interface, 20 Character L.C.D. 10K internal memory and many other features in either 15" or 16.5" carriages.

Further models with Centronics Interface 20 Character L.C.D. in either 15" or 16.5" carriages give a range of Typewriters for all purposes.

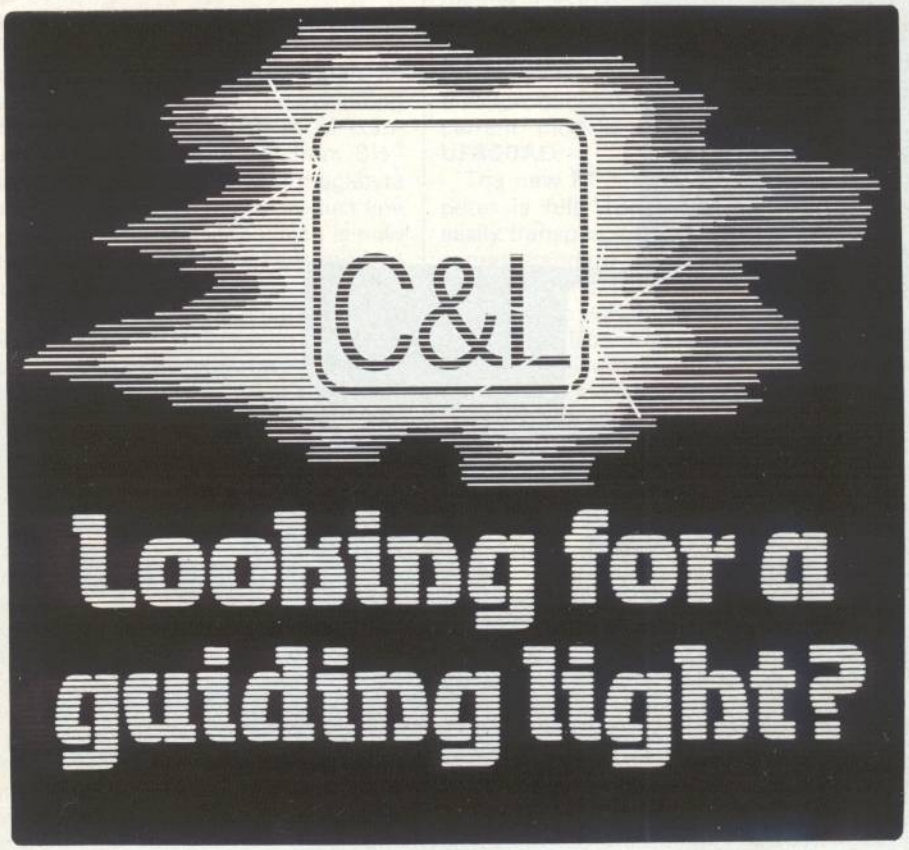
Namco Industries Vic

500 Princes Highway
Harrisfield
Vic 3174
Tel: (03) 790 4444
Tlx: AA33586

OT
Stand 1025
Western Annexe

Namco Industries, a member of the Email Group of companies, is a large manufacturer of office furniture, servicing the market through a wide network of distributors.

Namco has consolidated its position



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New Zealand: Dataset Computer Supplies (N.Z.) Ltd. Auckland 795-561 Wellington 857-636

G1/86

with an exciting new product launch programme which is the culmination of intensive research and development both in Australia and overseas. The products on display incorporate the latest trends in technology and design.

Long renowned for advanced engineering in its filing cabinets, Namco now offers **"Silhouette"** to the discerning buyer. Its elegant appearance coupled with innovative design features and a choice of fresh new designer colours allows greater flair in commercial interior design.

The **"Dataform 1000"** series and **"Euro 2000"** series of chairs are designed for secretarial, clerical and drafting requirements. The differing needs of computer operators and executives are catered for by **"Ergon 3000"** series and the just released **"Syncron 5000"** series.

Complimenting the above is a comprehensive range of desks, cupboards, lockers, cabinets, shelving and specialized storage systems including the space saving **"Conserv/N/Aisle"**.

Nashua Australia Pty Ltd

34 Chandos Street
St Leonards
NSW 2065
Tel: (02) 925 3111
Tlx: 27433
Fax: (02) 439 6914

PC
Stand 716
Eastern Annexe

Nashua Australia Pty Ltd through its Nashua Discs Division will be exhibiting a full range of disk products for all computer systems. This ranges from 3½" single sided diskettes to 300 megabyte hard disk packs. The major product line is the 5¼" diskette range which is now being manufactured in a new modern factory in Sydney.

Nashua also now represents Formaster Corporation of U.S.A. who manufacture diskette duplication equipment. The range of equipment includes a **Series I Duplicator** which holds all formats and software or data for duplication in its 2 megabytes of memory. The duplication process is automated by the use of auto loaders which hold 100 diskettes and are automatically fed into a drive in the autoloader cabinet. Autoloaders for 3½", 5¼" and 8" diskettes will be on display together with the **Formaster Series I Duplicator**. All the equipment is compact and sits on desk tops similar to computer terminals.

Also on display will be the **Nashua Data Converter**. This machine manufactured in Sydney has been developed to the stage where it will convert from diskette to tape and vice versa. Once on tape it can then be loaded into a main frame system. This product is unique in the computer industry and provides major savings for large data collection or distribution operations. It enables the collection and/or distribution of data between main frame systems and any of over 400 mini computer/micro computer systems. All functions are fully automated and menu driven.

National Panasonic

4th Floor
156 Pacific Highway
Greenwich
NSW 2065
Tel: (02) 439 3899
Fax: (02) 439 6160

OT
Stand 1005
Western Annexe

Panasonic Office Automation
A Division of National Panasonic (Australia) Pty. Limited

National Panasonic is fast becoming a leader in the competitive area of Office Automation. On display will be many new products soon to be released including the latest model typewriters, portable computer with plasma screen, and the first of a new era in plain paper copiers.

National Panasonic is the world's largest manufacturer of facsimile machines and has gained enormous market acceptability in Australia since the release of the first model in 1981. A good track record of proven reliability is the message heralded world-wide with their products. On display will be two current models, the **UF400AD**, and **UF800AD**.

The new **FT-70** plasma screen computer is fully IBM compatible and is easily transportable at around 13 Kg. It comes standard with twin floppy discs and an internal printer.

Panasonic will utilise Office Technology '86 to launch their new Electronic Compact Office Typewriters, models **KX-E500** and **KX-E508**. The latter unit has an expandable 8,000 character memory with global search and replace, text-linking, forms layout and block move/copy/delete.

The newest addition to the plain paper copier range is the **FP-3030**. This copier has many innovative features such as automatic original-size paper detection, a built-in editing function, and zoom from 61% to 141% in 1% increments.

Panasonic will be showing the diverse range of pagers, telephones, telephone answering machines and intercoms.

Also on display will be National Panasonic security and video products. The range will include a new colour CCTV security system, a 120 inch colour video projection system, an optical memory disk recorder which has the unique ability to record as well as play back onto a laser disk, as well as other commercial video products.

NEC Information Systems Australia Pty Ltd

3rd Floor
11 Queens Road
Melbourne
Vic 3004
Tel: (03) 267 5333

PC
Stand 452
Eastern Annexe

NEC

Sleebs will be demonstrating the use of the NEC range of equipment with particular emphasis on Benchmark office administration, accounting, **T3 Scientific Word Processing**, and **"Protel"** PCB Design. Sleebs will also be unveiling its new **5 Star Plan** which is expected to be an industry pacesetter.

Bayside Computer Systems has been established for over 2 years.

SAMM is a sales and marketing management system client/prospect/database based allowing unlimited reporting facility and intelligent letter writer.

Unitax is a computerised tax preparation system allowing for completion and calculation of taxation returns.

Other products include **AutoCAD** (computer aided drafting), **Easyquote** (smash repair quoting, job costing and accounting), Retail Systems and General Accounting.

NEC Australia Pty Ltd

7/11 Queens Road
Melbourne
Vic 3004
Tel: (03) 267 5333
Tlx: 31009

Comms
Stand 1045
Western Annexe

NEC is synonomous with the Australian Communications Industry. They will be exhibiting their High Speed Series of Advanced Facsimile Transceivers at Communications 86.

NEC Australia will be exhibiting its all new **NEFAX — D35**. Not only is it compatible with international standard CCITT Group 4 and Group 3 recommendations, the NEFAX D35 gives you ultra-high-speed transmission in just three seconds per A4 page.

At the top end of NEC's Group 3 range is the **NEFAX 22/27**, which can transmit an A4 page in just 12 seconds

after connection with the remote station has been made. This unit has a security facility that forbids unauthorized use and a sectionalized management report for accounting purposes.

The **NEFAX-17** is aimed at the smaller office, it can transmit an A4 page in just 16 seconds. It has a preselection timer for the best use of reduced-rate telephone periods, a memory to store frequently used telephone numbers, and 16 gradation gray scale recording to transmit documents photographs perfectly.

The **NEFAX 11** completes the NEC series. This personal facsimile has all the features in a compact, economical design. It is so light, approximately 10kg you can carry it with you.

Nestle Australia Ltd

364 Sussex Street
Sydney
NSW 2000
Tel: (02) 266 0622
Tlx: 20291

OT
Stand 1024
Western Annexe

Nestle Vending Service's long involvement with the office market has meant that our Beverage System Specialists have gained vast experience in meeting the needs of all types of businesses.

It is only through this experience that we can: — Save you money by eliminating the wastage of your current system, Increase staff satisfaction and subsequently increase their productivity, and Advise you on a total package, to make your coffee/tea break an efficient operation and save you time.

But as you know, the final cup is only as good as the ingredients you use and Nestle invite you to sample the Company's range — including **Nescafe, International Roast, Milo** and **Karima,** all of which are suitable for use in all types of equipment.

Nestle Vending Service features a total advisory service to assist businesses make the right decision about the installation of a new beverage refreshment system. Nestle do not sell equipment, but rather will provide you with totally impartial advice on the type of equipment that is best suited to your coffee/tea break needs.

A range of this equipment, from all leading machine distributors, will be featured on their stand.

Netcomm (Aust) Pty Ltd

Unit B
25 Paul Street North
North Ryde
NSW 2113
Tel: (02) 888 5533

PC
Stand 464
Eastern Annexe

NetComm manufactures a wide range of products for both micro to micro and micro to mainframe data links. Developments for the Apple family include the **Communications Protocol Card** — an intelligent RS232 comms interface card for the Apple II and III range supporting IBM 2780/3780, 3270 BSC and 3270 SNA/SNLC, as well as Videotex and some Asynchronous terminal emulations; The Apple **In/Modem** an internally mounted, direct connect modem for the Apple II, II+ or IIe supporting 300 Baud full duplex CCITT and Bell, 12 Baud half duplex CCITT and Bell, and 1200/75 Baud full duplex CCITT (Prestel). The **Videotex II** software package converts an Apple II micro into a full graphics mode Prestel terminal to connect to virtually every Videotex (Prestel) service around Australia and internationally. **Mac Videotex** software adds yet another dimension to the **Macintosh PC**, converting it into a high resolution Videotex terminal.

For the IBM PC and compatibles, NetComm's **PC In/Modem** has been popular since its release in November '84.

Other products from NetComm include the **SmartModem 21/23, SmartModem 1200, SmartModem 2400,** plus the brand new **SmartModem 123** and **SmartModem 1234.**

The revolutionary state of the art **Trailblaizer,** capable of error-free data transmission at speeds of over 10,000bps on the Public Switched Telephone network (1000 characters per sec), will also be on display at the NetComm stand.

Nissei Sangyo Company Ltd

220 Pacific Highway
Crows Nest
NSW 2065
Tel: (02) 923 1522
Tlx: 70941

PC
Stand 634
Eastern Annexe

Nissei Sangyo was founded by Hitachi Ltd. in 1947 and remains the only trading company in the Hitachi Group, one of the leading industrial groups in Japan. Nissei Sangyo has especially close ties with Hitachi, but also conducts business with many other computer and peripheral manufacturers. Nissei Sangyo believes that sales of high technology items must be supported by a sound understanding both of the user's needs and of available technology. As a trading company specializing in the sale of computer and peripherals, they boast an ability to assemble the best system, and products to meet any importers/distributors requirements.

Nissei Sangyo will be displaying complete **JBCC Bar Code System** based on IBM XT. Also new to Australia will be the IBM Coax A interfaced JBCC **Printstar** PS-5268 (3001pm) shuttle printer and Printstar PS-5214 (180cps, 24 pins dot matrix printer). For the computer dealer market, Nissei Sangyo exhibits Colour thermal transfer printer YD-T410 (60 cps, IBM PC compatible), JVC M1500/1600 **Streaming Tape back up** for IBM XT/AT and others. Enquiries from importers/wholesalers and distributors are welcome.

Norman Disney & Young

434 St Kilda Road
Melbourne
Vic 3004
Tel: (03) 267 1633

Comms
Stand 935
Western Annexe

Norman Disney & Young is a national firm of Consulting Engineers. They have a team of professionally qualified & experienced communications engineers to assist clients in the highly technical and rapidly developing area of communications. They have the knowledge and experience to identify, evaluate and recommend cost effective solutions and provide independent and objective advice for improving local & national communications systems.

Such systems may include voice & data transmission, building communications and information systems.

These systems encompass services such as PABX, radio and microwave links, data networks, cabling systems, fibre optics, satellite networks, office automation, process control, EFT (electronic funds transfer) and videotex system design and evaluation and terminal configuration.

Specialisation by our engineers is required such that they are able to present the most appropriate engineer for each task, or even assemble a team of engineers for larger projects.

This resource is available to assist clients make the correct investment in information and communication systems.

Norman Disney & Young would be pleased to discuss your communications



Would it be a real show without a surprise from Microbee?

Hard on the heels of the Premium Microbee, and the revolutionary Gamma, we have another surprise in store.

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(Hint: It can help you learn to fly.)

microbee computer

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Telephone (02) 661 7474 Telex AA 21499

project with you. They can quickly and accurately assess the magnitude and nature of your project and are in a position to advise from a vendor independent point of view the most appropriate and cost effective solution.

Olivetti Australia Pty Ltd

140 William Street
Sydney
NSW 2011
Tel: (02) 358 2655
Tlx: 23197

PC
Stand 504
Eastern Annexe

Making their debut at the Seventh Australian Personal Computer Show will be the eagerly awaited additions to the range of Olivetti Personal Computers.

Alongside the current star — the **Olivetti M24** — these new PC's give Olivetti a comprehensive range of Personal Computers. The full range now comprises the **M19**, **M21**, **M22**, **M24**, **M24sp** and **M28**, which all maintain full industry standard compatibility and use 5¼" magnetic media.

The M19 is a desk top personal computer with reduced dimensions yet with high performance possibilities. It is industry compatible.

The M21 is the M24 in its transportable form.

The M22 is a lap computer that is slim in design and light weight, full size keyboard with liquid crystal display and backlight technology. It also uses 5¼" industry standard magnetic media.

The M24 is the flag ship of the Olivetti range and Number 2 in the professional Personal Computer field.

The M24SP is a powerful member of the Olivetti family in terms of its speed, disc controller, expanded memory and improved video performance.

The M28 is based on the 80286 architecture running at a clock speed of 8mhz. Its modularity and expandability obtainable through both integrated and external mass storage devices make the M28 the ideal support for sophisticated operating systems (such as xenix) and multi user networking solutions.

Omni Office Furniture System

Suite 3.4 424 St Kilda Road
Melbourne
Vic 3004
Tel: (03) 267 3788

OT
Stand 925
Western Annexe

Omni Office Furniture System is designed to solve open plan office problems, with innovative ideas that work! Piece by functional piece they fit neatly together. Linked by a compact floor plan they form a logical series of comfortable work environments. Omni's objective is to assist office managers, facility managers, interior designers and architects involved in applying panel system furniture into the modern office. Omni will suggest a planning strategy and new design ideas which are now possible with our panel furniture system.

Omni also manufacture a range of Datax furniture designed to solve postural problems achieving a safer, more productive and more pleasant V.D.U. environment. Datax has been selected by the Department of Administration Services, Department of Housing and Construction, Australian Taxation 83-87 contract periods, and the Department of Education & Commonwealth Bank.

Otron (Aust) Pty Ltd

61 Church Street
Hawthorn
Vic 3122
Tel: (03) 819 2755
Fax: (03) 819 5401

Comms
Stand 1043
Western Annexe

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MELBOURNE	Bryan Oakey	(03) 67 5824
BRISBANE	Trevor Bayfield	(07) 221 8277

Visit us on Stand No. 901

A DIVISION OF DIRECT ACCEPTANCE CORPORATION LTD.
44 MARKET STREET, SYDNEY, 2000 (INC. 1926)

The Company, although actively marketing a wide range of communications products and systems, has specialised in the areas of Commercial Telephone Products, Telephone PABX Systems, In Plant Radio Paging and 2-Way Radio Systems, Intercom and similar "within premises" hardwired and radio oriented communications systems.

Otron has developed a close working association with major manufacturing companies, including Philips Industries, L. M. Ericsson and Interquartz, the latter being a major Hong Kong based manufacturer of commercial quality telephone products.

Since its inception, Otron has maintained a marketing philosophy based on providing a high level of technical support. This has resulted in a correspondingly high level of referral and repeat business from a client base which now includes over 200 major companies and Government Authorities in addition to some thousands of small businesses who have relied on Otron to provide either partial or total internal communications systems.

Overseas Telecommunications Commission

382 Lonsdale Street
Melbourne
Vic 3000
Tel: (03) 606 4444
Tlx: 120591

Comms
Stand 953
Western Annexe

Keeping your world in easy reach

How to use one of Australia's most popular electronic mail systems and access information rich data banks will be demonstrated by Australia's international communications carrier, OTC, at the Communications 86 exhibition.

There will also be opportunities to show off the latest time-saving, machine-freeing, store and forward and multiple address systems now available with computerised telex.

The new big bright-blue OTC exhibition display has been especially designed to provide telecommunications users with a quick and informative opportunity to witness these three office automation business services in action.

Minerva is OTC's electronic mail system. It works by typing a message on a keyboard (e.g. personal computer, word processor, typewriter) and then sending it to a person in another country, state, town, suburb, or even in the same building, using the telephone network as the link.

Messages are stored in OTC's computes which act like a Post Office from where they can be sent or received at any time.

Complementing OTC's Minerva demonstrations at Communications 86 will be **Midas**, which also uses the keyboard and telephone network but this time to access information rich databases, to interconnect different types of computers and to provide access to corporate computing facilities, all at flexible transmission speeds.

Ozi Soft Pty Ltd

17 Narambi Crescent
Frankston
Vic 3199
Tel: (03) 789 3115

PC
Stand 720
Eastern Annexe

On display at the Ozi Soft Pty Ltd stand will be a comprehensive range of quality educational products from Australia, USA and UK for Apple, Commodore, and IBM computers. They are the exclusive importers of Eduware, Designware, Spinnaker, Fisher-Price computer programs. All subjects are covered — from 4 years old to adult, including high school mathematics, algebra etc. Hands-on demonstrations.

A large selection of top selling recent releases such as **Rambo**, **Superman The Game**, **Spy vs Spy**, **The Goonies**, **Kennedy Approach Flight Simulation**, **Dambusters**, **Crusade in Europe**, **Infiltrator**, **Dan Dare**, **Falklands '82** will also be displayed.

Publishers to be represented include First Star, Datasoft, Accolade, Microprose, Argus Press, Ocean etc. There will also be software for Apple, Atari, Amstrad, Commodore, IBM and MSX computers, Sight & Sound Music Synthesiser software for C64/C128, and a large selection of business software for Commodore 64 computers.

Peripherals to be displayed include **Grappler Printer Interfaces**, **Tech-Sketch Light Pen**, **Competition-Pro Joysticks** and the **Black Box Videotex/Viatel** connection.

Pantek Australia Pty Ltd

757 Riversdale Road
Camberwell
Vic 3124
Tel: (03) 836 9633

PC
Stand 476
Eastern Annexe

The Pantek PC86 theme is to demonstrate its success as an 'acceptable alternative' for personal and multiuser computer systems — both in terms of hardware and software.

Pantek, with its products marketed under the 'Pantek-CAF' brand will be displaying its complete PC product range in an applications-orientated environment with emphasis on CAD (Computer-aided Design/Drafting), spreadsheeting, word processing and LAN (Local Area Networking). A multiuser/multitasking application, based on thoroughbred operating system, and utilising the Pantek-CAF **PC-Master** ("AT"-compatible) system with link **PC-Term** terminals will also be demonstrated.

Pantek is now Australian distributor for both Paperback and Prod-Design software products, all of which will be on demonstration at PC86 in conjunction with Pantek-CAF hardware systems.

Products on the Pantek stand include the Pantek-CAF PC range (**PC-College**, **PC-Portable**, **PC-Turbo** and **PC-Master**) together with link terminals, Citizen dot matrix printers, modems, plotters and digitisers — and to add some security-conscious interests, the schlage proximity access control system.

Plessey Communication Systems

122 Arthur Street
North Sydney
NSW 2060
Tel: (02) 923 6333
Tlx: 21339

Comms
Stand 1032
Annexe

Only just released in Australia, by Plessey the Plessey ISDX will give your company the ability to communicate via voice, facsimile, view data, telex, teletex, compressed video and future services from private and public network sources.

This new advanced Digital Telephone System with its powerful dual processors is designed for business requirements ranging from 150 extensions to beyond 10,000 extensions.

Although highly cost effective in itself, it additionally offers an array of time saving and money-saving telephone user features.

The new Plessey ISDT (Integrated Services Digital Telephone) is a system integral telephone incorporating the very latest digital telephone technology to provide the user with both voice and data

COMPUTERS LEARN TO SPEAK POLAROID®

Computers that speak Polaroid have an advantage. They can produce computer generated graphics as slides and prints, instantly. Which is like carrying your computer screen in the palm of your hand.

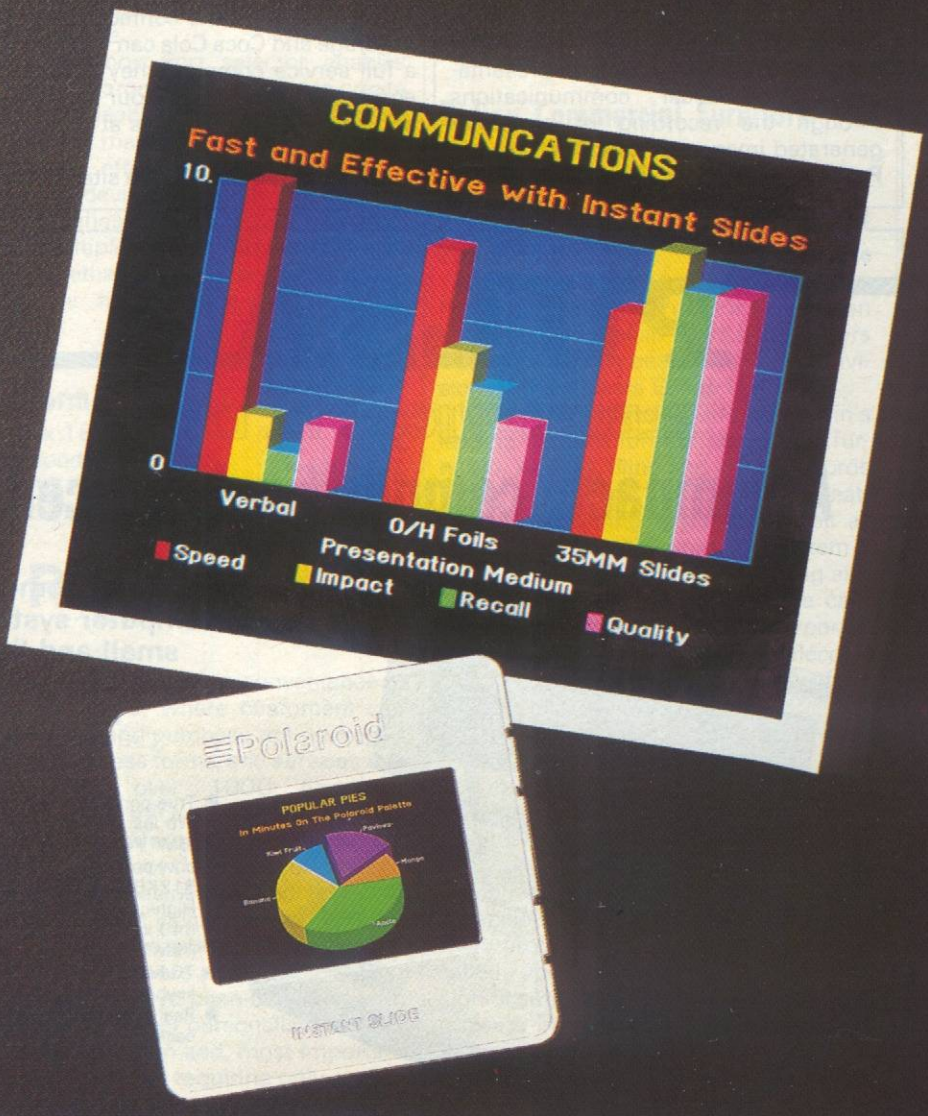
Speak Polaroid and you're speaking visually, so you communicate, fast and effectively. People remember what they see.

Using the Polaroid Palette it's easy to make color slides of your computer generated graphics.

Whole presentations can be organised on the spot and last minute changes are no problem.

Your work remains confidential, no outside services are involved and no outside fees are incurred.

Learn to speak Polaroid and you're at an advantage. For more information call the Polaroid Hotline toll free 008 226 785 or 887 2333 for Sydney metropolitan areas.



Polaroid. The universal computer language.

Polaroid is the registered trademark of Polaroid Corp. Cambridge, Mass. U.S.A.

Ogilvy MPE 0006

transmission facilities from the telephone instrument. Dedicated and user-programmable keys provide single button access to facilities.

The Plessey ISDN (Integrated Services Digital Network) is the product of interconnecting several Plessey ISDX telephone systems via high speed digital links to provide a private communications network for the transmission of voice, data and image services.

Polaroid Australia Pty Ltd

Eden Park Estate
31 Waterloo Road
North Ryde
NSW 2113
Tel: (02) 887 2333
Tlx: 21508

PC
Stand 616
Eastern Annexe

Polaroid.

Polaroid Australia Pty Ltd will be displaying and demonstrating their range of products designed to facilitate presentations and visual communications through the recording of computer generated images on film. The Polaroid **Palette Computer Image Recorder** will be demonstrated with a variety of graphics application packages. Visitors will also be able to view Polaroid's systems used for off-the-screen recording.

Instant results can be viewed on a variety of Polaroid film formats including Instant 35mm Slides and the new self developing **Auto Film**. Polaroid Floppy Disks with the unique **Dial'N'File** box will also be shown

Polyvend International

368 Lygon Street
East Brunswick
Vic 3057
Tel: (03) 387 5722

OT
Stand 1100
Western Annexe

Polyvend International

Polyvend International is a national professional full service vending operation specializing in snack/confectionery, hot beverage and Coca Cola can vending. As a full service company they provide all equipment, stock and labour for refilling and servicing of machines at no cost to the site holders.

All that is required by the site holder is the provision of power points and water supply where necessary.

Polyvend operates major installations at several tertiary institutions in Melbourne, at Metrail Loop Stations, government offices, armed forces establishments, commercial and industrial locations, swimming pools, sporting venues and hospitals.

Modern machines with sophisticated coin mechanisms can be used to augment existing food services or to provide additional staff benefits.

Polyvend operates seven days a week for refilling and service of machines and is able to supply accurate computer based information of sales and audit where required.

Pulsar Electronics Pty Ltd

19 Catalina Drive
Tullamarine
Vic 3043
Tel: (03) 330 2555

PC
Stand 704
Eastern Annexe

Established in 1979, Pulsar Electronics Pty Ltd has developed into one of Australia's senior manufacturing and design companies specialising in multi user and networking systems.

PULSAR

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one of the most complete IBM-compatible computer systems in a lapsize package. It is small and light enough to pack into an ordinary briefcase, yet powerful enough to run all popular IBM® programs.
Features include:

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- Real time clock with battery backup
- Built-in 300 baud modem
- Standard RS232C serial port
- Centronics parallel printer port
- Second disk drive (3.5" or 5.25") port
- IBM® compatible RGB and composite video ports
- Rechargeable battery powered
- External AC to DC power adapter
- MS-DOS™ 2.11 system and GW-BASIC™ 2.0 software included

Catalina Drive Tullamarine Victoria 3043 Australia
Telephone (03) 330 2555 Telex INTMB AA10104 PULSARELEC
Incorporated in Victoria

Pulsars product range includes 8 Bit, 16 Bit and combination 8/16 Turbodos systems, lap top portables, and mass storage systems using laser technology to 2 G.B. connected via an IBM PC work station

Pulsar have also supplied systems to the Education Department in Victoria for the past two years totalling some 500 work stations.

Pulsar being a 'Grass Roots' manufacturer have the ability to build systems to client requirements.

Raitt Wallace Office Equipment Sales & Service Pty Ltd

371 George Street
Fitzroy
Vic 3065
Tel: (03) 419 1022

OT
Stand 915
Western Annexe

Raitt Wallace Office Equipment and Olympia International, are united in their efforts to present the most up to date range of affordable office machines on the market today.

The new 200 series, released in Australia in March, has received international acclaim at the World's largest Industrial Exposition, the Hanover Fair, by being labelled with the "Good Industrial Design Award". On display will be the entire range of Champions, from the basic non-memory feature packed **Mastertype** through to the **Supertype 240** advanced memory master with expandable memory and integrated disk drive. With six models in between, all capable of the usual enhancements Olympia offers a great choice of machines.

Of course they all have centreing, underscore and decimal tab alignment, and with all the increases in features and options available through the range, there is a machine to suit everyone's needs. There are also calculators and printers on display including the brand new ESW2000 daisy wheel printer.

One of the major features of the display will be the release of the **Olytext Screen-based Word Processing System**, which also handles Spreadsheet Analysis and Database Management.

Raitts will also be displaying the Canon range of PC Copiers and **Datafile Colour-coded filing**.

Read Computer Engineering Pty Ltd

52 Bay Road
Sandringham
Vic 3191
Tel: (03) 598 4177

Comms
Stand 1057
Western Annexe

Read Computer Engineering Pty Ltd is a company which offers total solutions to networking problems.

The company's communications products and systems are installed throughout Australia and their reputation is built upon the reliability of their products and services.

The total solutions offered include network design, Telecom liason, supply and installation of all components, including Intelligent switches, Multiplexers, Modems, and Bus resident Interfaces, to the actual site wiring, commissioning, user training, support and service.

Read Computer Engineering not only manufactures a number of communication products in Australia, but has enhanced its product line by carefully selecting local and overseas complimentary products to provide a full range. The company is proud to be the Australian Distributor for the Equinox range of port selectors or contention switches. This equipment uses the very latest technology in its field and its price/performance is unbeatable.

The Equinox Port selector enables medium to large scale systems to create very manageable networks and to save money and manpower by extracting the maximum efficiency from each processor or device in the network.

The highest quality locally manufactured Multiplexers and Modems are also used together with RCE products, maintaining a high degree of Australian content.

Rediform

PO Box 180
Richmond
Vic 3121
Tel: (03) 429 3411

PC
Stand 406
Eastern Annexe

REDIFORM

Rediform recognises the convenience of a walk-in store, where customers can actually see and purchase pre-packaged instant business forms, and services this market via over 1000 computer hardware and software retail outlets carrying their Rediform product range.

Geared to meet the needs of small to medium size businesses and first-time users, the range includes standard printed forms compatible with the latest application software packages.

The layouts have been designed with ample provision for personalising by the computer program and, most importantly, for businesses requiring only a small quantity, these forms are available off-the-shelf, meaning no large outlay for custom printed forms.

Also carried in stock is a range of small convenient carry packs and home office packs of carbonless continuous computer printout forms, available in a range of commonly-used sizes, either singles or multipart.

The growing word processing requirements of small computer users is also catered for with the range of **Rediform Continuous Word Processing** forms, including A4 size and continuous mailing envelopes. Visitors to the Stand may view samples of this product featuring **"Keen Edge"** keen perforations on all sides which yield professional-looking business correspondence with no tell-tale rough edges to detract from its appearance.

A total range of forms handling and storage products for this market segment is also available. Printout and data files, portable storage trolleys, together with a portable mini forms detacher and separate mini decollator complete the forms handling range.

Ridley Commercial Furniture

88 Franklin Street
Melbourne
Vic 3000
Tel: (03) 329 0977
Tlx: 37915

OT
Stand 924
Western Annexe

Ridley Commercial Furniture has been appointed Australian agents for Vickers Business Equipment Division — a division of the Vickers Group U.K.

Vickers Furniture is one of Britain's leading manufacturer of steel office furniture, storage, filing and visible records systems. Its range includes desks, seating and screening systems as well as storage and security units. Its System E and System E90 ranges of desking and linking modules, and its C-Frame cantilevered desking system, incorporate concealed wiring ducts for telecommunications and electronic office equipment.

The Ridley Organisation — a Melbourne based company — has been operating for the past 15 years and has specialised in office planning, system furniture, general and executive area furnishing. With their ever expanding interior design department and a well organised project management team, their organisation is constantly being called upon to undertake more and significantly larger furnishing and fitout projects in Victoria and other states of Australia.

At the Ridley showrooms, a permanent exhibition of office furniture is displayed. The latest developments in office furnishings can be viewed.

Roland Corporation Australia Pty Ltd

50 Garden Street
South Yarra
Vic 3141
Tel: (03) 241 1254

PC
Stand 608
Eastern Annexe

Roland DG

Roland Corporation Australia Pty Ltd distributes a range of computer peripherals under the Roland DG and STB Systems brand names. Roland also distributes graphics and computer aided design software from Micrografx.

Major products in the range include the **Roland DXY880** and 980 A3 plotters plus the DPX2000 A2 drafting plotter. Also on display will be the full range of Roland hi-resolution RGB monitors and video adaptors plus IBM compatible monochrome monitors including the top of the range 14" MB142 screen with paper white phosphor.

Major points of interest at the Show will be Roland's new CAD systems including **In-A-Vision CAD software** and a revolutionary cordless digitizer incorporating Summagraphics compatibility plus mouse emulation using the cursor.

On display for the first time in Australia will be Roland's new computer aided modelling machine, **CAMM3**. This 3-D modelling machine is designed to run on PC's markedly reducing the cost of small CAMM systems.

A new range of STB video adaptors incorporating gate array technology will also be displayed for the first time in Australia.

Rydge Publications (Aust) Pty Ltd

72 Clarence Street
Sydney
NSW 2000
Tel: (02) 290 1888
Tlx: 71827

OT
Stand 1219
Western Annexe

Rydge Publications will be presenting the new look **"Modern Office"**, the magazine for readers with an active interest in business, trade, industry and the public service. With the emphasis on office work and administration, "Modern Office" presents informative new product pages, software reviews and hard-hitting editorial to give you a clearer understanding of the best buys and product pitfalls. Featured will be special lift-out reports, easy reference comparison charts, together with more indepth research articles on today's buys and today's people.

Also presented will be the latest issue of **"Rydges"** magazine plus a selection of Rydges' hard-back books for business. Come and browse through a carefully selected range of subjects covering commonsense marketing, reading a balance sheet, success on the share market, winning your way with people, plus the executives' guide to personal computers — all available for sale at the show.

Come and talk to our new editor, Lotte Poole, and our national representatives, John Foley and Poppe Davis, at Stand no. 1219.

SAGEM

2/122 Euston Road
(P.O. Box 374)
Alexandria
NSW 2015
Tel: (02) 516 5399
Tlx: 71572

Comms
Stand 705
Western Annexe

SAGEM

pcEXPRESS IS HERE

The world's most advanced decision support system brings full mainframe power to the personal computer.

pcEXPRESS

- Multi-dimensional relational database
- Statistical, Reporting, Graphics Tools
- Data-handling and query modelling
- Complete communications and data transfer facilities
- Flexible and easy to use, with many friendly features

See **pcEXPRESS** *at Stand 568*
or contact

IRAUS Pty. Ltd.
818 Pittwater Road,
Dee Why NSW 2099

ph (02) 982 4700

SAGEM is one of the world's major text communication specialists and has been supplying telex terminals to international markets for 40 years.

SAGEM's commitment to technical advancement is demonstrated by the products on display at Stand 705.

Here, you will find the latest telex terminal — its modular design lends itself to the ease of adaptation to suit the needs of business today while allowing for future innovations to be incorporated without problems.

SAGEM is continuing its technical advance at a time when many telecommunication authorities are preparing to install the new teletex service. To this end, SAGEM has already developed teletex terminals, the latest of which is on display, capable of being connected to either the telephone or packet switched data networks.

Sanyo Office Machines Pty Ltd

230 King Street
Melbourne
Vic 3000
Tel: (03) 67 5501
Tlx: 34459

PC
Stand 104
Eastern Annexe

Sanyo Office Machines will be exhibiting its range of PC-compatible computers, led by the **MBC 670**, **MBC 775** and **MBC 880** — which were launched about nine months ago and are reported to have made a successful entry on to the business computer market, particularly in satisfying corporate accounting needs.

The newly launched "**MBC 990**" series IBM-AT compatible computer system will also be on display.

The series is led by the MBC 995 HD20, a quality desktop-type personal computer with dual floppy disk drive plus internal 20Mbyte hard disk unit.

An important feature of the 990 series is an 80286 switchable 6/8 MHz CPU. The unit also includes a standard RS232C port and monochrome adapter card.

The highly successful, cost and space efficient **Rotascan** filing system will also be exhibited.

Biztronics is a small business which has been operating in the Moorabbin area for 6 years. The staff handle all facets of sales, installation and maintenance of Sanyo Computer equipment and in doing so concentrate on the local market.

Computerall are Sanyo dealers with considerable experience in the application of personal computers and can offer advice and guidance in the selection of the most appropriate solution to the businessman's needs. Their computer experience covers office automation accounting, manufacturing, and training in MS DOS, Basic and many application packages.

Sanyo Office Machines Pty Ltd

230 King Street
Melbourne
Vic 3000
Tel: (03) 67 5501
Tlx: 34459

OT
Stand 905
Western Annexe

Sanyo Office Machines is presenting a product range which includes cash registers, personal computers, calculators, dictation equipment, filing system and its latest point of sale retail systems.

The recently released point of sale system is a unique, one-brand package of cash register, computer and software.

According to the company, extensive development effort over the last 12 months has gone into producing the system, which has been designed specifically to meet the needs of Australian retailers.

Sanyo's point of sale systems have already been installed in service stations, plant nurseries, hardware stores and electronics retailers.

Sanyo Office Machines will also be exhibiting its range of PC-compatible computers, led by the **MBC 670**, **MBC 775** and **MBC 880** — which were launched about nine months ago and are reported to have made a successful entry on to the business computer market, particularly in satisfying corporate accounting needs.

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The highly successful, cost and space efficient Rotascan Filing System will also be exhibited.

Sendata Pty Ltd

11 Stamford Road
Oakleigh
Vic 3166
Tel: (03) 568 6299
Tlx: 34008

Comms
Stand 1044
Western Annexe

Sendata, Australia's pioneering modem manufacturer will be exhibiting an extensive range of direct connect and acoustically coupled modems at Communications 86.

Sendata modems may be used with almost any microcomputer or terminal in gaining access to Videotex (eg: Viatel, Farmlink); databases (eg: Information Express, Teledata, OTC Midas, Ausinet etc.); bulletin boards and inter-office communications.

The Sendata range is comprised of more than 30 models. Features include automatic dial, answer and disconnect; data speeds of up to 2400 bits per second; external and internal models; and automatic speed selection and multiple speed units.

Sendata is a prolific exporter of modems and the Australian Government has recognised this with an award for export achievement from the Department of Trade and Resources.

Shuttle Datacomm Pty Ltd

37/456 St Kilda Road
Melbourne
Vic 3000
Tel: (03) 267 1291
Tlx: 151749

Comms
Stand 610
Western Annexe

SHUTTLE datacomm

Shuttle Datacomm are specialists in data communications equipment. New products on display include the Shuttle **Connector** range of cost efficient cable system connectors for the IBM mainframe environment.

The Shuttle **Race** modems, featuring true full duplex operation at speeds up to 9600bps, are another item attracting a great deal of interest in the corporate environment. Low cost and many worthwhile features make these modems a most practical alternative to leased line operations, with the added benefit of flexibility in location.

The "word crunching" Shuttle symbolic tokenizer is another device finding valuable application in the corporate environment where the transfer of word data files is common. By compressing data to about one-third its normal size, this board can effect considerable savings in storage space and long-distance communications.

Shuttle **Datacomm** also will display their well-known **Volksmodem 12**, Shuttle **Lightning** 24 2400bps modem, **Secure 12** security device, **Shuttle Error Free** and Shuttle **Computer Mailbox**, as well as multi-plexers, multi-port controllers, printer controllers and networkers.

Siemens Limited

544 Church Street
Richmond
Vic 3121
Tel: (03) 420 7202
Tlx: 30425

Comms
Stand 833
Western Annexe

Siemens will present its range of PABX equipment as well as the **Text Terminal T4200 Model 50** office communications unit capable of being linked to the Teletex service and the **PT 88S/89S ink jet printers** developed for completely silent operation.

PABXs on show will be the **EMS 601** non-blocking PCM switch capable of handling voice, data and text transmission and suitable as an electronic office switching node, as well as the EMS 30 and EMS 80 models with capacities from 1 to 1500 extensions. Connected to these PABXs are Siemens' "intelligent" telephones with special facilities for executives.

A highlight of the display will be the high performance **ND3 laser printer**, which uses a unique cold fusing process.

Software Corporation of Australia

138 Buckhurst Street
South Melbourne
Vic 3205
Tel: (03) 699 7255
Tlx: 39726

PC
Stand 624
Eastern Annexe

SCA will exhibit ClickArt **Personal Publisher**, a desktop publishing solution for the IBM PC and compatibles. Personal Publisher allows the user to combine text, graphics, layout and fonts in documents to create quality visual presentations.

The full range of MultiMate word processing solutions will also be highlighted at PC'86. Of special interest are the **MultiMate Business Advantage Keyboard** and **MultiMate Advantage 3.60**. The keyboard which has the features of a dedicated word processing keyboard and plugs directly into any PC. MultiMate Advantage 3.60 has the ability to place text in columns, generate line and box drawings, function in typewriter mode and has a 40,000 word thesaurus.

A new "intelligent" mouse from Maynard Electronics comes with software that allows the user to assign commands within popular programs — even those without mouse utilities.

Graph-in-the-box is a memory-resident business graphics package that can capture numeric data from any software package, even word processors and display it in a variety of graph formats.

Touch, an Australian-made touch-typing tutorial program that has delivered significant success in the United States, and **Data Express Modem** model II will be displayed. Data Express II is a 1200 baud and 300 full duplex, Hayes compatible modem, that combines with **PC Talk III** software to give the user access to international databases and videotex services.

New UNIX based software, designed for corporate users will be shown, as will **PageMaker** Release 1.2 for the Apple Macintosh.

Also for the Macintosh, SCA will show the **File Manager**, **Omnis 2**, and the hierarchical/relation database and applications generator, **Omnis 3**. Locally developed applications for Omnis 3 will be featured at PC '86.

Sony (Australia) Pty Ltd

33-39 Talavera Road
North Ryde
NSW 2113
Tel: (02) 887 6666
Tlx: 24254

OT
Stand 800
Western Annexe

SONY®

Sony will be showing its new family of word processors, computers and business equipment.

The Model 10 with Sony's own word processing software is so easy to operate, it makes personal computers look like old manual typewriters.

The keyboard, screen and physical shape are a refreshing break from bulky traditional computer style.

Those tough little 3½" disks will reliably store up to 250 pages each! And their user manual is understandable! Even by non-technical people!

You can also use it as a terminal to access mainframes, remote databases and electronic mail.

The **Series 35 Model 15** is a new Australian release offering all the capabilities of Model 10 but additionally having a full A4 high resolution display.

The **SMC-T11** is a new lap-top port able computer with built-in printer, software, modem and intelligent telephone.

Sony's extensive range of dictation equipment will also be on display featuring both standard and microcassette models.

Sony will also be announcing some new optical disk storage products such as CD ROM at the Show.

SVT Video Systems Ltd

Unit 1, Heybridge Industrial Estate
Holloway Road
Heybridge, Maldon
Essex, CM9 7XS,
England
Tel: (0621) 54633
Tlx: 995132G
Cable Addr: MALDON

Comms
Stand 848
Western Annexe

Sound & Vision Technology Limited will be showing a wide range of video related products headed by their **Videoconferencing Terminal**. This unit incorporates a split screen unit and complies with International Videoconferencing Standards. A Codec for use on the worldwide 2 and 1.5 M/Bit data network can be incorporated and will be on show. A graphics/display terminal for use with the Videoconference terminal or as a stand alone unit enables the transmission of slides, transparencies, text or pictures of objects.

Their range of TV modulators and demodulators will also be exhibited. These are high quality units in use worldwide by Broadcast Authorities, cable head end operators, security/CCTV companies and in marine installations. Other versions of these units are available for transmission and reception of data up to 3MBits/Second on local area networks or point to point systems.

To be displayed will be Satellite TV reception equipment including receivers and downconverters suitable for 4GHz. and 11-12GHz. systems.

Cable network and local area network components include a multitude of amplifiers, attenuators, filters, taps, splitters and connectors and are available from headend units to consumer outlets.

The display of TV pictures will be demonstrated by TV monitors which cover a wide range of sizes and types including multistandard units.

Sybiz Software Pty Ltd

309 Angas Street
Adelaide
SA 5000
Tel: (08) 232 0600

PC
Stand 101
Eastern Annexe

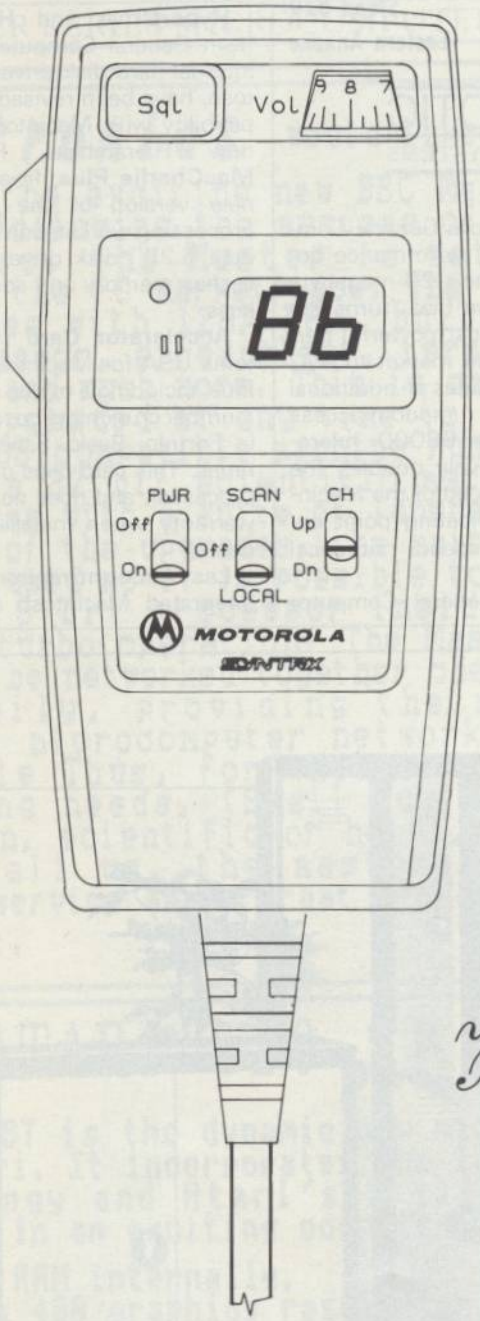
SYBIZ

Sybiz Plus is one of the latest and most powerful Australian integrated accounting software packages realised by Sybiz, winning the award for the best personal business computer software at the

SYNTRX

FM TWO WAY RADIO

WINNER OF AN AUSTRALIAN DESIGN AWARD.



Industrial Design Council of Australia
Australian design award

Handing you.....

TOTAL CONTROL

MOTOROLA *Electronics Australia Pty. Ltd.*

Stand No. 709

national PC85 Show in Melbourne in July, 1985. It can handle the complete accounts for companies ranging from sole traders to medium sized businesses. It is also being used for specific applications by multi-national corporations.

Sybiz Plus provides facilities for general ledger, creditors ledger, debtors ledger, invoicing, stock control, inventory, and job costing, plus many options in addition, a professional invoicing module makes it especially attractive to professional businesses such as accountants, engineers and architects.

Quite different to most microcomputer accounting systems, **Sybiz Plus** is integrated to such an extent that the modules are completely merged together into one system to give rapid access to every aspect of the accounts, stock control and job costing.

Although totally integrated, Sybiz Plus can be purchased economically on a module by module basis.

An Advanced User module allows experienced users of Sybiz Plus to extend the capabilities of the system by linking it to database, spreadsheet or other packages.

Separate packages, which are compatible with Sybiz Plus, are available for payroll (**Sypay**), generating special reports (**Syrep**) bill of materials (**Symat**), and word processing/scheduling (**Sytex-Timewise**).

Symbiotic Computer Systems

292 Canterbury Road
Surrey Hills
Vic 3127
Tel: (03) 836 4482

PC
Stand 620
Eastern Annexe

SYMBIOTIC
COMPUTER SYSTEMS

HyperDrive 2000, from General Computer USA is a high performance co-processor board and 20-megabyte internal hard disk drive that "turns the Macintosh into the most powerful personal computer on the market today." HyperDrive 2000 includes an additional 1.5 megabytes of random-access memory, a 12 MHz 68000 microprocessor that effectively doubles the internal processing speed of the Macintosh, and a 68881 floating point co-processor for high speed numerical calculations.

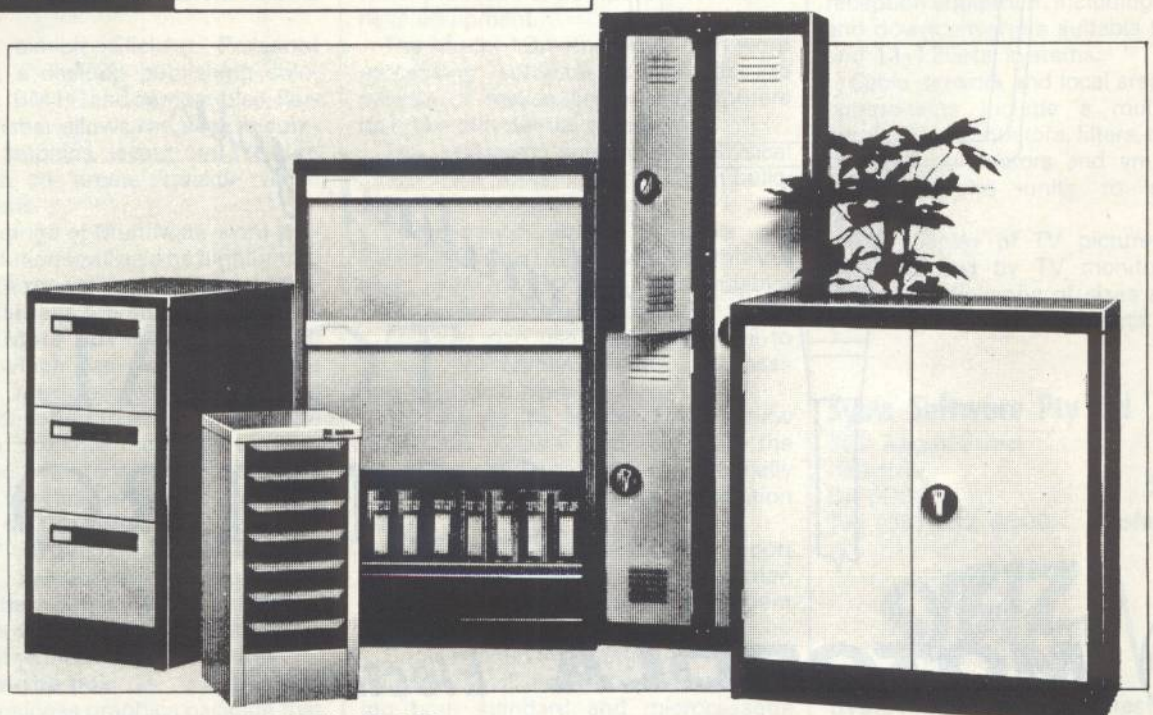
HyperNet, from General Computer USA is a file server software package that enables users to link as many as 32 Macintosh computers together as part of an AppleTalk™ network. Based on a system of distributed file storage, HyperNet gives network participants access to files, program and hard-disk storage capacity located anywhere on the network.

HyperDrive and **HyperDrive 20**, from General Computer USA, the fast internal hard disk drives for the Macintosh, have been revised to ensure compatibility with Macintosh Plus and the new Hierarchical Filing System. **MacCharlie Plus**, from Dayna USA, a new version of the MacCharlie co-processing workstation which includes a dual 5.25" disk drive, 640K random-access memory and additional function keys.

Accelerator Card from Novy Systems USA for Macintosh or Macintosh Plus, including a maths co-processor for 'number crunching' up to 12 times faster in Fortran, Basic, Sane or Mac'C" libraries. This card clips on to the 68000 processor, and does not void the Apple warranty when installed by an Apple dealer.

Last Accounting from LBT UK a fully integrated Macintosh accounting pro-

AHI Precision Australia



Head Office : P.O. BOX 200, MOORABBIN, VIC. 3189.
Telephone (03) 555 4077
Telex : AA151139 AHIPRE

Queensland : 10-12 Walter Crescent
Lawnton, Qld 4501.
Telephone: (07) 205 1622

New South Wales : Roecon Building
Wenban Place, Wetherill Park, N.S.W. 2164.
Telephone: (02) 609 7644

Victoria : 51-53 Capella Crescent, Moorabbin, Vic. 3189.
Telephone: (03) 555 4077

Good News.....Gametronics



BRITISH BROADCASTING CORPORATION
MASTER SERIES MICROCOMPUTER

BBC B

HARDWARE...
SOFTWARE...

Gametronics would like to present the exciting new BBC Master Series. Following the success of the BBC Micro, the Master is set to dominate the PC marketplace. The base unit comes with 128k RAM, built in wordprocessor, spreadsheet, terminal software and much more. This is can be easily upgraded at any time to a 16 bit MS-DOS compatible machine running GEM, or a 32 bit scientific machine which comes with a suite of languages. For each of the upgrades, the main CPU is still used so it is possible to put another 8 bit processor inside to provide turbo operation. The Masters can aslo be networked together cheaply and easily, providing the most powerful microcomputer network yet available Thus, for whatever your computing needs, (Small business, education, scientific or home), call in or call us, the masters, for fiendly service and a great deal on BBC equipment.

NEW !

AMX MOUSE
AMX PAGEMAKER
VIDEO DIGITISER
TOP 20 GAMES
WATFORD ROMS
EDWORD II

sinclair Spectrum +

Britain's top selling micro,
Incredible Show price.. $199.00

sinclair QL

Incredible Show price..
$499.00

wordprocessor
spreadsheet
database inc.
32 Bit CPU

ATARI 520 ST

The 520 ST is the dynamic new machine from Atari. It incorporates the latest technology and Atari's brilliant graphics in an exciting computer.

- **520K RAM internally,**
- **640 x 400 graphics resolution,**
- **512 vivid colours,**
- **32 bit processor (MC68000),**
- **Full stroke, 94 key keyboard,**
- **Dazzling array of peripherals e.g. Hard disk, modems etc.**
- **Built in MIDI interface.**

From around $1250.00

AMSTRAD 8256

- **256K RAM Expandable to 512**
- **90 Column screen included**
- **180K 3" disk drive inbuilt**
- **NLQ printer also included.**

ONLY $1099.00

Gametronics
shop 6, 177 toorak rd,
South Yarra 3141
Victoria

gram has been improved to make use of the additional features of the Macintosh Plus and the Imagewriter II.

Specific Macintosh Software including **MacModula-2**, **Tekalike** and **Bottomline V** is also on display.

TAC Output Media

632-634 Bourke Street
Melbourne
Vic 3000
Tel: (03) 602 4633

OT
Stand 1213
Western Annexe

TAC Pty Ltd also known as Typewriter and Accounting Control Company Pty Ltd, have been in the office equipment business for over 30 years.

The equipment the company carries are the popular **SATAS Franking Machines**, paper handling systems including folding, inserting sealing, letter openers, cheque signers and shredders. Through the network of offices, sales and service is available in all states and country areas.

Standing side by side is Output Media Pty Ltd, TAC's top agents for the **PFE range of Bursters, Decolators, Guillotine/Form Cutters**. Output Media, the manufacturers of Business Forms recently made an investment in a most up to date plant for their manufacturing.

Output Media Pty Ltd, are specialists in continuous computer forms and paper including Continuous Letterheads, Statements, Invoices, Cheques, Envelopes and Labels. Other products they carry include Magnetic Media including Diskettes and Magnetic Tape.

The ventures of TAC Output Media are twofold, to provide a wide variety of products and to help the consumer increase efficiency and presentation, while at the same time cutting costs and staff fatigue.

Tandem NonStop Pty Ltd

8th Floor, 3 Bowen Crescent
Melbourne
Vic 3004
Tel: (03) 267 1577
Tlx: 37371

OT
Stand 801
Western Annexe

TANDEM COMPUTERS

Many large organisations and Government Departments are faced with the problems created by the proliferation of incompatible PCs micros, minis and mainframes providing stand alone systems unable to communicate with each other.

Tandem NonStop Pty. Ltd. can provide a solution with the creation of an Intelligent Network providing a unified interface through which this multiplicity of computer systems can be linked.

They then form one multifunction network managing all information resources, bonding people, devices, data and procedures together.

Such a network performs all advanced communications and integration functions for the organisation including database maintenance and report/enquiry capabilities, format translation services, message switching for various forms of information (graphics, facsimile, voicegrams, text, formatted data etc), and information routing to the appropriate recipient.

The Intelligent Network will route information received from one source to another (no matter what the format), or it will store the data within the system.

The customised gateway program sends commands and data to the **Transfer** program which interprets these demands and carries them out.

Communications are established by Transfer rather than directly. After one client submits units of work for delivery to another, Transfer is responsible for transport and delivery freeing the sender to work on other tasks.

Technical Book & Magazine Co Pty Ltd

289 Swanston Street
Melbourne
Vic 3000
Tel: (03) 663 3951
Tlx: 151120

PC
Stand 121
Eastern Annexe

TBMC will be attending the Show for the third year running. Their stand promises to be as popular with Show visitors as it has been in previous years. A huge selection of books from their Computer Information Centre will be on display. Microcomputer users will find lots to interest them, whether they use their micro at work or at home, for business or for leisure.

Books on display include those published by Holt Saunders, Hayden, Compute!, Pitmans, Microsoft Press, Que, Sams, Prentice Hall, Wiley, Sigma, Ashton Tate, and many others. They include guides to a range of specific microcomputers and software packages, as well as telecommunications, programming languages, and much, much more. There are also magazines, software, diskette boxes, and other items useful to the microcomputer user — all available for sale to Show visitors (credit cards accepted). Visitors will also have the opportunity to place themselves on TBMC's mailing lists for regular information on new books.

Tech Pacific

7 Bank Street
South Melbourne
Vic 3205
Tel: (03) 690 9055
Tlx: 31604

PC
Stand 702
Eastern Annexe

Tech Pacific distributes a variety of peripherals and software. Featured at PC 86 will be The **Hardcard**. This innovative product from Plus Development has spawned a new hardware category—the disk drive on an expansion card. The Hardcard fits into a single slot and is faster and more reliable than a traditional IBM XT-type drive. The Hardcard is easy to install. Just slot the card into an expansion slot. Removal is just as easy, making Hardcard a rugged, reliable form of transportable disk storage or a back-up for your existing hard disk. This technology will change the way you approach your storage and back-up needs. Come and see why the Hardcard won both Infoworld and PC Week product of the year awards.

Also on display will be **Paradox** by Ansg. This state-of-the-art software package is a new generation of product that incorporates an artificial intelligence type of logic behind a powerful yet easy to use data base program.

The former manufacturers of the Taxan monitor have brought out a new line of monitors call **Eizo**. This new range will be on display.

These are just a few of the existing products to be displayed. Tech Pacific will also have a report on the newest products displayed at Spring Comdex held in early May.

Tech Rentals Pty Ltd

P.O. Box 621
12 Maroondah Highway
Ringwood
Vic 3134
Tel: (03) 879 2266
Tlx: 30418

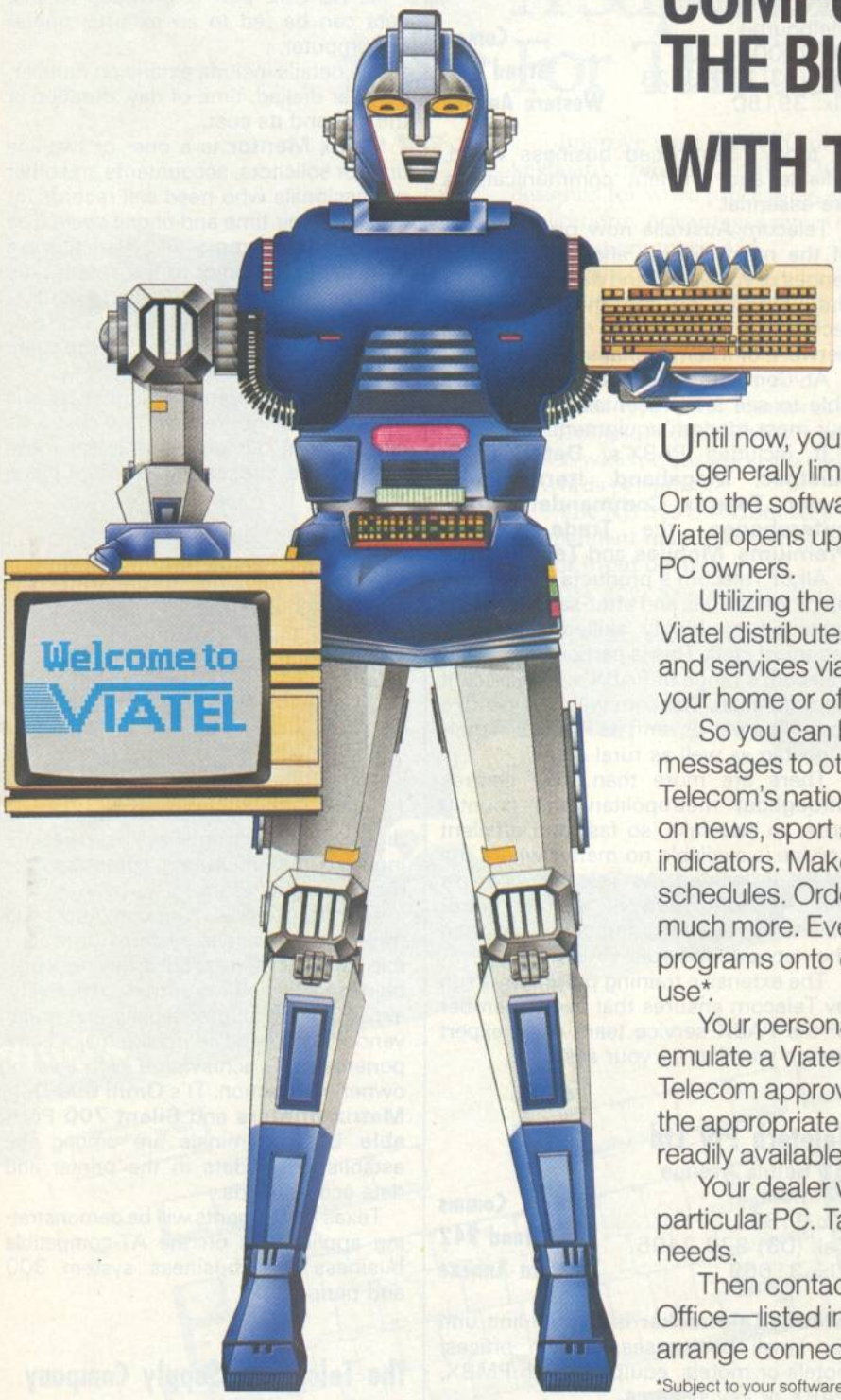
Comms
Stand 1039
Western Annexe

Tech-Rentals is an Australian company providing test and measurement equipment rental services to a wide market including the communications and data processing industries.

In the past three years the range of products available has been expanded to include personal computers and peripherals. These and a range of test instruments will be displayed at the Tech-Rentals stand. One item likely to be of particular interest is the **Hewlett Packard type 4953A protocol analyser** which is representative of the latest in

TAKE YOUR PERSONAL COMPUTER OUT INTO THE BIG WIDE WORLD.

WITH TELECOM VIATEL.



Until now, your personal computer was generally limited to your information input. Or to the software available. Now Telecom Viatel opens up a whole new world for PC owners.

Utilizing the existing telephone network, Viatel distributes a wide range of information and services via a central computer. Direct to your home or office.

So you can bank from home. Send messages to other Viatel users. Access Telecom's national Telex network. Get updates on news, sport and weather. Follow economic indicators. Make bookings. Check airline schedules. Order goods. Play games. And much more. Even download new computer programs onto disk or cassette for your own use*.

Your personal computer can be adapted to emulate a Viatel terminal. All you need are a Telecom approved 1200/75 baud modem and the appropriate software. These are now readily available for most PC's.

Your dealer will know what is best for your particular PC. Talk to him first about your needs.

Then contact your local Telecom Business Office—listed in your Telephone Directory—to arrange connection to Telecom Viatel.

*Subject to your software configuration.

Telecom VIATEL®

AUSTRALIA'S NATIONAL VIDEOTEX SERVICE

TM408

Telecom Australia
Better for Business

the field. Other instruments include radio frequency communications equipment including UHF mobile test sets.

Tech-Rentals is an authorised IBM dealer and included in their display are the latest versions of the IBM personal computers. An IBM AT will be operating with Autocad software and a Houston plotter. An IBM XT will be displaying various business software packages and also operating as a data acquisition system in conjunction with the **Solartron IMP** distributed measurement modules. Also on show will be a range of Datacraft modems.

Tech-Rentals will be operating a DEC VT220 terminal via modem to their rental computer system to enable immediate advice to be given on product availability.

Telecom-Viatel

3rd Floor, 190 Queen Street
Melbourne
Vic 3000
Tel: (03) 606 7039
Tlx: 139739

PC
Stand 364
Eastern Annexe

Viatel, Australia's national videotex service, combines two-way (interactive) communications with visual display of text and graphics.

The technology includes terminals for user access, Telecom's telephone network and the Viatel computer database.

Available user terminals range from simple adaptors for use with television sets to personal computers with a communications modem and suitable software.

As simple to use as the telephone, and surprisingly inexpensive, Viatel brings a wide range of information and services direct to office or home at the touch of the appropriate key.

Services on Viatel are supplied by more than 300 organisations and include information retrieval, transactions, computing services and messaging.

Typically information retrieval services include foreign exchange rates, bank interest rates, stock market information, news reports, reference material etc.

Transactional services allow users to act on the information received eg. make reservations, pay bills or buy goods.

By linking user terminals to external computers via 'Gateways' Viatel makes possible real time interactive computing services ranging from home banking, betting from home to down line loading of software.

Messaging facilities include access to the national Telex network as well as an electronic **Mailbox** service.

Telecom Australia

10th Floor
35 Collins Street
Melbourne
Vic 3000
Tel: (03) 657 3323
Tlx: 39150

Comms
Stand 843
Western Annexe

In today's fast-paced business world, reliable and efficient communications are essential.

Telecom Australia now provides one of the most diverse and sophisticated ranges of voice, text and data products in the world using the most advanced technology available and connected to a network of international standard.

At Communications 86 you will be able to see a representative sample of our most modern equipment.

It includes PABX's, **Datel**, **DDS**, **Austpac**, **Megaband**, **Iterra**, **Telememo**, **Teletex**, **Commanders**, **Computerphones**, the **Trade Centre**, **Premiums**, **Mobiles** and **Telefinders**.

All of Telecom's products are backed up by warranties and after-sales services provided by highly skilled sales and technical staff. This is particularly true of Telecom's range of PABX's. With recent de-regulation, Telecom will now be able to sell (as well as rent) its PABX's in metropolitan as well as rural areas.

There are more than 100 centres throughout metropolitan and country areas in Australia, so fast and efficient service is available no matter where the PABX is located. As Telecom controls the telephone network, we are better able to manage the interactions between the network and your PABX.

The extensive training programme run by Telecom ensures that every member of the PABX service team is an expert before working on your system.

Teletech Pty Ltd

61 Betula Avenue
Vermont
Vic 3133
Tel: (03) 873 2495
Tlx: 31669

Comms
Stand 942
Western Annexe

Metrix Teletracker is a multi-line unit for small businesses, branch offices, hotels or motels, equipped with PMBX, PABX or key systems.

The capacity of Teletracker ranges from 2 lines 8 extensions to 10 lines 40 extensions via modular line cards which are housed in a scanner unit at the main distribution frame.

Details of calls made and received are stored in solid-state memory, and can be printed out either at the conclusion of each call or later on demand. Up to 2000 calls can be stored before a "memory full" warning is given.

An RS 232 port is provided so that data can be fed to an external printer or computer.

Call details include extension number, number dialled, time of day, duration of the call and its cost.

Metrix **Mentor** is a one- or two-line unit for solicitors, accountants and other professionals who need call records for rebilling their time and phone costs. The call details, memory and statistics are identical in character to the Teletracker, with the additional feature that a numerical code can be keyed in during each outward or inward call to identify the client in the printout.

An important feature of both models is the ability to ignore brief low-cost calls and to print out details only for those calls above preset levels of duration and cost.

Texas Instruments Australia Limited

6th Floor
418 St Kilda Road
Melbourne
Vic 3004
Tel: (03) 267 4677
Tlx: 36410

Comms
Stand 844
Western Annexe

Texas Instruments is a world leader in digital electronics and have been designing and manufacturing computers for more than 30 years.

The professional microcomputers and multi user business systems offer flexible configurations to solve business problems. Service, support, reliability, expandability, upgradeability and multi-vendor communications are major components in TI achieving a high level of owner satisfaction. TI's **Omni 800 Dot-Matrix printers** and **Silent 700 Portable Data** terminals are among the established leaders in the printer and data access fields.

Texas Instruments will be demonstrating applications on the AT-compatible business pro, business system 300 and peripherals.

The Telephone Supply Company Pty Limited

33-35 Alleyne Street
Chatswood
NSW 2067
Tel: (02) 406 5133
Tlx: 20696

Comms
Stand 1056
Western Annexe

The Telephone Supply Co Pty Limited which has offices in Sydney &

UNITRONIX

The Key Tronic KB 5151: A Superior Keyboard For The IBM* PC or XT.*

Improve your IBM* PC or XT* with a plug-compatible KB 5151 keyboard from Key Tronic. This professional series keyboard is designed for word processing, spread sheets, as well as other applications. Advantages over the regular IBM keyboard are:

- Separate numeric pad.
- Separate cursor keys.
- Function keys on top row for easier and more accurate operation.
- SHIFT & RETURN keys in familiar typewriter locations.
- Easy-to-read key legends instead of symbols.
- LED indicators on all LOCK keys.
- Convenient ENTER key.
- Solid-state capacitive switches.
- Positive tactile feedback.

Designed for reliability, each key switch is rated at 100 million cycles, which translates into eight hours of daily use for 12.8 years at 80 words per minute.

The KB 5151 — from Key Tronic, the world's largest independent manufacturer of full travel keyboards and offers a full line of input devices.

Ask your local dealer about the IBM* compatible KB 5151 today.

*IBM, PC, XT, AT and PCjr are registered trademarks of IBM Corporation.
*AT&T is a registered trademark of AT&T Information Systems.



This layout is also available for the IBM PC AT* and PCjr*, and the AT&T* 6300.

"Feel the Key Tronic Touch"

key tronic®

The Responsive Input Company

UNITRONIX A Division of DALSAN PTY. LTD. (INC. IN VIC.) P.O. Box 246, Glen Waverley, Vic. 3150.
Suite 12, 5-7 Chandler Road, Boronia. Vic. 3155 Telephone: (03) 762 8988 Telex: AA152689 UTRNIX

Melbourne is proud to announce the release of the new **Phillips SBX PABX.**

Specifically designed for small business or as a satellite PABX on larger systems SBX is available in two models, SBX6 & SBX12, with a maximum capability of 5 exchange lines & 12 extensions.

Some of the facilities available on both models are, enquiry/transfer, auto ringback, call pickup, camp on, call forwarding, call park, last number redial, speed dialling, conference calls, intrusion and flexible toll restriction.

The Telephone Supply Co. Pty Limited also market a large range of telephones and terminal equipment including the **Teleace FP1000** multifeature telephone and the **Callmaster** range of replacement handsets, answering machines and cordless telephones.

The Telephone Supply Co. Pty Limited, being the holder of an unrestricted cabling license, is involved in block and reticulation cabling for all types of PABX.

Tomasetti Copy Paper Pty Ltd

61-63 Nantilla Road
Clayton
Vic 3168
Tel: (03) 561 6444
Tlx: 33152

OT
Stand 804
Western Annexe

tomasetti
Tomasetti Copy Paper Pty Ltd

Some eight years ago, Tomasetti's established a copy paper division to specifically cater for this rapidly expanding market. They could not possibly have predicted the subsequent explosion of new technology which has created the most chaotic effect in the paper market.

As Tomasetti's expertise has developed and consolidated, they have become a major force in the market place by supplying quality copying papers to the reseller and end user. In fact, many Original Equipment Manufacturers (OEM's) rely on Tomasetti's advice and experience in the selection of their own paper requirements.

Copying papers marketed by Tomasetti include **Reflex, Multicopy, Copyset 9000, Superb, Ultra, Royal, Colorit** (available in 25 colours) rolls from 210 to 880 width, 70, 75, 80, 90, 100, 115, 140, 170, and 225 gsm in fourteen stock sizes.

We also stock and distribute a wide range of **Celcast overhead transparencies**, and **Avery labels** for photocopying, computers, word processors, and the office.

Is your machinery costing you dollars, downtime and paper wastage?

Better quality paper can help you avoid these problems. Tomasetti can provide you with the best quality paper for all your copying needs.

Unitronix

PO Box 246
Glen Waverley
Vic 3150
Tel: (03) 762 8988
Tlx: 152689

PC
Stand 480
Eastern Annexe

Unitronix will be showing the complete range of **Keytronic Keyboards** for IBM Personal computers and look-alikes — "compatibles".

The popular KB 5151 featuring separate cursor control and numeric Keypads will be available to test and "feel" its many enhancements and improved layout as well as its tactile feed back will be evident to those visitors who wish to key it out.

Keyboards for PCs and mainframes featuring bar code reading wands will be shown as well as the KB 5152V **Voice Recognition Keyboard**.

The KB 5153 "**Touch Pad**" **Keyboard** is also available for "hands on" evaluation. This Keyboard includes a touch pad in the enclosure which allows for mouse use, cursor control, graphics use, and function selection — up to 36 extra functions can be selected by a simple press of finger.

Static exhibits of the 3278 and 3270 format Keyboards — PC/terminals into large mainframes — are included.

A range of plug-in PCBs for the personal computer backplanes will be shown and a comprehensive selection of technical information will be available to visitors.

Verifone (Australia) Pty Ltd

28 Chandos Street
St Leonards
NSW 2065
Tel: (02) 436 0600
Tlx: 70606

Comms
Stand 8414
Western Annexe

Verifone (Australia) Pty Ltd will be demonstrating the **Verifone Zon** snr point-of-sale and agency terminal w/ docket-slip printer, and encryption pinpad. Also on display will be the jnr plus (automatic-dial-up) credit card verification terminal.

Of special interest will be the "**Boss Board**" communication systems protocol allowing up to ten ports (modems) to interface with an IBM PC — or AT — the Boss-Board simulates all DOS commands!!

Also on display will be the **Honda 2000 portable facsimile** which operates from any telephone handset. This unit supplied with carrying case features a N1-CAD rechargeable battery so that documents may be transmitted and received from a public phone booth or car phone!!

Vision Computer Corporation

389 Pacific Highway
Crows Nest
NSW 2065
Tel: (02) 925 0666

PC
Stand 313
Eastern Annexe

Vision Computer Corporation is one of the new breed of computer equipment suppliers who have appeared on the Australian computer scene over the past few years.

Last year Vision was appointed the Australian Distributor for the Taiwanese computer manufacturer Rakoa which enabled Vision to be one of the few suppliers of Taiwanese compatible computers to offer the Erso Bios thereby avoiding any copyright difficulties. The Rakoa range of products include the **Rakoa PC/XT** in both the conventional and Turbo versions.

Vision is also marketing the **"Vision AT"** which is being assembled in their NSW head office. This "Vision AT" IBM compatible features the 80286 processor with a switchable clockspeed from 6 to 8 MHz. The system is also supplied with 640K of memory and the **Segate 4038** 30 MGByte (36 MS) disk drive — an excellent alternative to the IBM product at less than half the price.

Vision has also penetrated the travel market with the **Travassist** software package enabling a travel agent to computerise his business and link into Aftel, Viatel and other data bases.

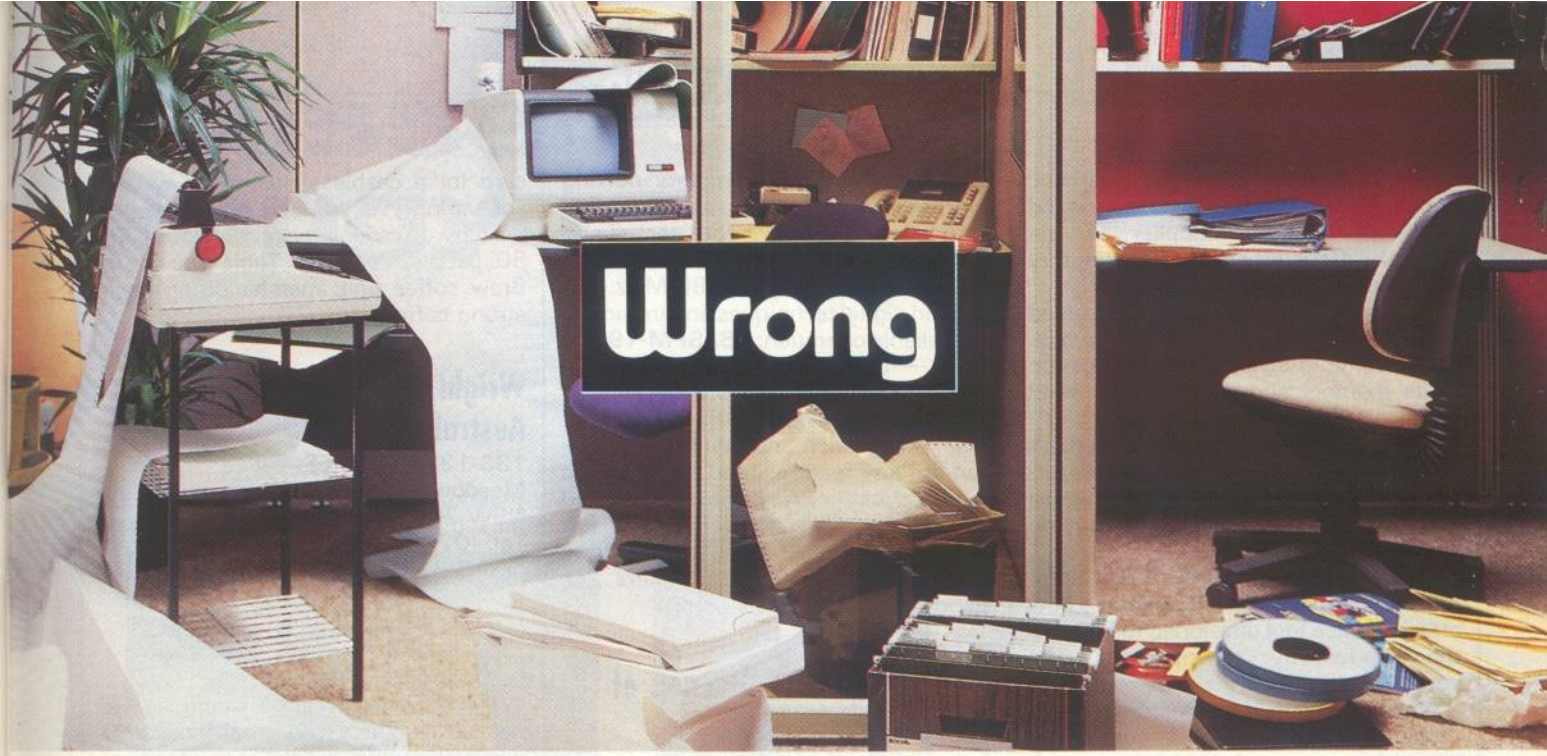
Voca Communications Pty Ltd

216-222 City Road
South Melbourne
Vic 3205
Tel: (03) 62 5071
Fax: (03) 614 1350

Comms
Stand 933
Western Annexe

Established in the late 1960's, Voca Communications Pty Ltd is a wholly owned subsidiary of Tubemakers of Australia Limited.

Over the years the company has become strongly involved in state-of-the-art communications products, supplying systems to private industry,



Organize office filing space the Wright way. Since automation has crept out of the computer room and into the mainstream office, adequate filing space has become even more critical.

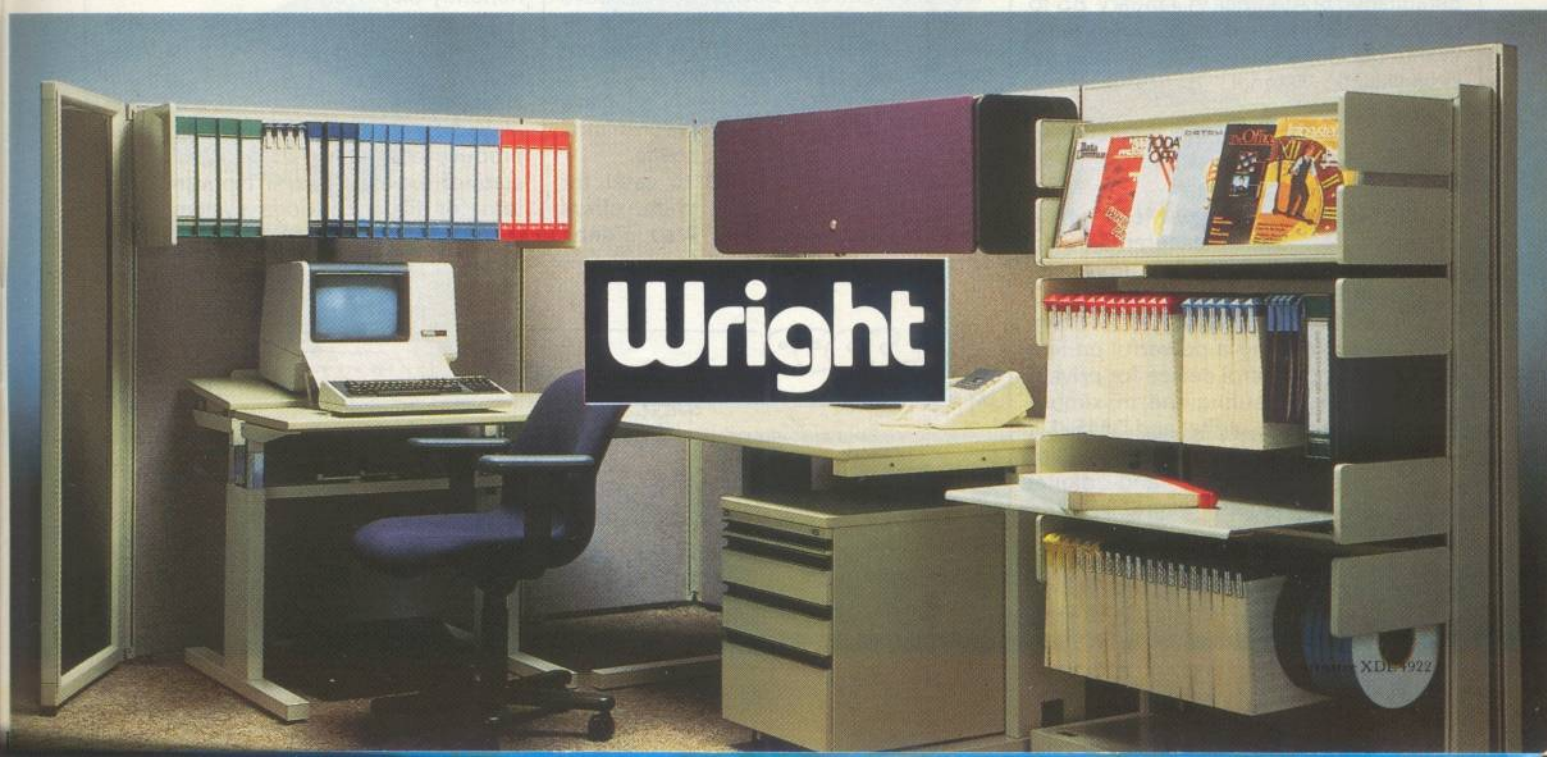
The computer's input and output media, its oversized paper and odd-sized magnetic media, this information media as its called, is beyond the control of conventional filing systems.

Wright Line's unique system of filing devices, cabinets and work surfaces helps you reference, file, store, index and protect the combination of information media which affects you. Even oversized paper and odd-sized magnetic media. Wright Line can help you in the planning stage of ultra-efficient new offices or we can help you adapt your present systems to better cope with this flood of information media.

See the Wright Line product range at "Data 86" Centrepoint, Sydney, May 27-30 and "Office Technology" Royal Exhibition Building, Melbourne, June 1-4. Or call Wright Line, 133-137 Bowden Street, Meadowbank, N.S.W. 2114. Phone: (02) 808 3233.

Wright Line

Australia Pty. Ltd. Incorporated in N.S.W.



government and domestic markets. Recently the company was appointed exclusive facsimile supplier to the Federal Government & Statutory Authorities.

Just recently the company introduced the Voca-Fax **"ImageMaker"**, which can store up to 30 pages of information in its memory and automatically send them to 10,000 locations.

It was quickly followed by the launch of the Voca-Fax **"ImageMate"**, a smaller, compact machine which requires little space and is big on features.

Another innovation from Voca Communications is the Voca **Boardfax**, a new creative office tool developed to improve the productivity of meetings and conferences.

Not only will the Voca Boardfax enable those attending a lecture or conference to receive a copy of the lecture points before leaving, it will also provide schools with the economy of installing boards in a number of rooms, with only one printer which can be linked up when needed.

Wandel & Goltermann Pty Ltd

Suite 13
20 Commercial Road
Melbourne
Vic 3004
Tel: (03) 267 8699
Tlx: 34801

Comms
Stand 703
Western Annexe

Wandel & Goltermann Pty. Ltd.
Electronic Measurement Technology

Established in Australia in January '85 to provide improved service to customers, Wandel & Goltermann Pty Ltd is a subsidiary of Wandel & Goltermann GmbH.

On display at Communications 86 will be the following products manufactured by Wandel & Goltermann:

OLP-1 an Optical Power Meter which is suitable for power measurements on multi- and mono-mode fibre at wavelengths between 800 and 1600 nM; **DA-10** and **DNE-2100** — two instruments forming a powerful on-line diagnostic and control device for private data networks ensuring the maximum availability of data circuits; and **DMS-1** a compact case with a selection of instruments for analog and digital measurement requirements in the field.

Also displayed will be **RM-5**, the latest in microwave link analyzer technology for systems with 35, 70 and 140 MHz intermediate frequencies. The display contains all setup parameters making interpretation of results an easy task; **SNA-1** which provides for spectral and network (vector) analysis in the frequency range 100 Hz to 180 MHz. The latest in digital techniques ensure simple and reliable operation; **PS/SPM-19** and **SG-4** — the ultimate in selective level measuring setups for FDM systems in the frequency range 80 Hz to 25 MHz. Ease of operation and result interpretation are key features, and **PMG-3** — a compact, battery (and mains) operated portable voice and programme frequency transmission test set with a selection of weighting filters as standard.

Wittenborg — A Division of Soche Pty Ltd

5-7 Keith Campbell Court
Scoresby
Vic 3179
Tel: (03) 763 1455
Tlx: 35279

OT
Stand 808
Western Annexe

WITTENBORG

The demand for freshly produced leaf tea and ground coffee in the office environment has created the demand for first class beverage equipment. At the forefront of this development has been the Wittenborg range of beverage vendors.

In recent times major organizations such as IBM, SECV, MMBW, Telecom, Australia Post and Bowater-Scott, have introduced the Wittenborg concept — which offers fresh solutions to cost control and high staff satisfaction.

On Stand 808, Wittenborg have created two alternative environments, the cafetaria and the work scene.

The cafetaria, designed to cater for 200 people over several shifts offers food, hot and cold drinks. Also, a debit card for a cashless operations will be shown in a real working environment.

The work scene, typical of some 30-50 people, depicts a Table Top Fresh Brew coffee unit, merchandising fresh strong coffee.

Wright Line Australia Pty Ltd

133-137 Bowden Street
Meadowbank
NSW 2114
Tel: (02) 808 3233
Fax: (02) 808 2308

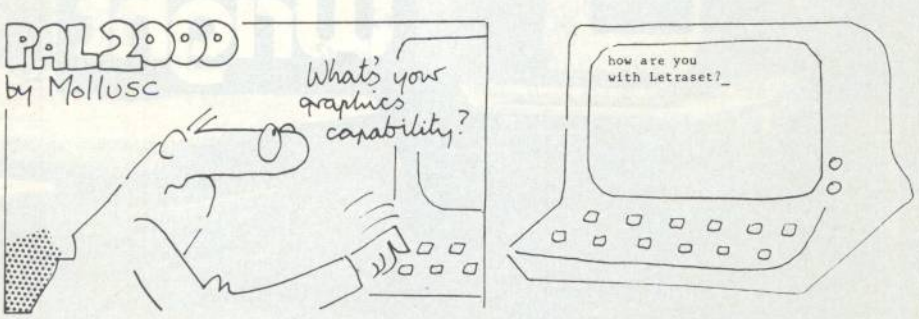
OT
Stand 813
Western Annexe

Wright Line

Wright Line has been helping people take advantage of technology for over 50 years. They started in the computer room and now that automation has found its way into almost every corner of the office, they're there, too. The InfoMedia system is one of the first office filing and handling system that acknowledges today's diverse mixed media and puts it in its proper place. It provides an efficient interface between people and technology with a unique system of information media management products.

The Wright Line range, from **Tape-Seal** belts and cartridges for computer tapes that have been the industry standard since they invented them in 1965, will be on display. Documate Cartridges and Documate Binders for, at long last, easy handling and storage of computer printouts and Documate Closed Containers, a revolutionary system for managing work-in-progress, will be prominently displayed.

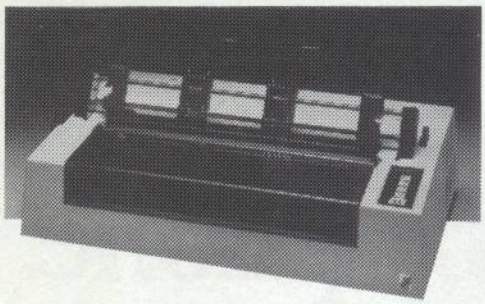
The award winning mobile, lockable **PC WorkCentre** also makes its Australian debut, a welcome innovation answering a growing need. It will be displayed alongside Wright Line's newest product line, state-of-the-art filing for state-of-the-art media, an innovative system for filing cartridge system tapes (CST's).



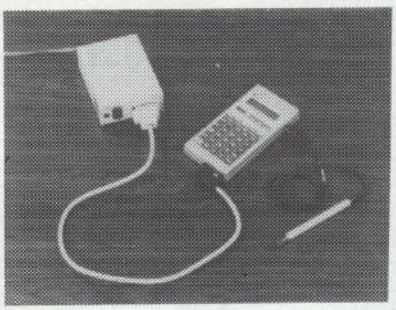
Nissei Sangyo

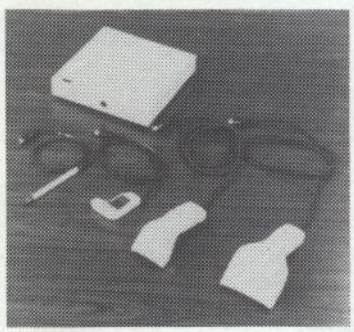
Specialists in Trade: Computers, Peripherals, and . . .
We are a trading company who sell the new products which all suit to modern society's technological need.
High Technology trading company —
That's Nissei Sangyo.

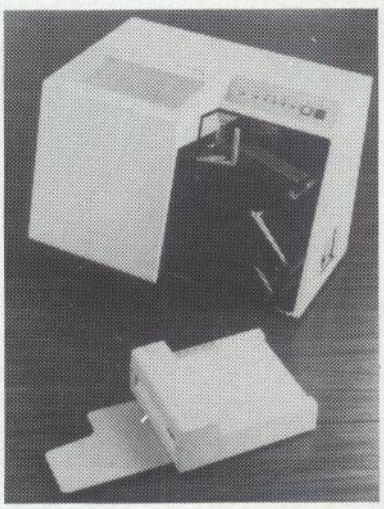
PRINTSTAR
PS-5268 (Coax Interface)
PS-5025/5214 (Coax Interface)



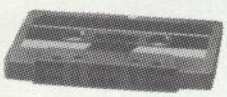












MTD-520H/L
Streamer Tape Drive



YD-T410
Thermal Transfer
Printer

Distributors and Importers Inquiries Welcome

NSA Nissei Sangyo Co., Ltd.

Head Office: Information Systems Division. G.P.O. Box 1316, Tokyo, 100-91, Japan.
Phone: (03) 504 7102 Telex: J22412 NISEICOA Fax: (03) 504 7747

Australian Branch Office: P.O. Box 954, Crows Nest, N.S.W. 2065
Phone: (02) 923 1522 Telex: AA70941 NISSEY Fax: (02) 922 2498



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APE 113

Indexes

Classified Index Directory

The following index lists the categories of products being shown at PC86, OFFICE TECHNOLOGY 86 and COMMUNICATIONS 86 and listed under each category are the names of those exhibitors who are showing these products.

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Food/Beverage Management
Bar/Bottle Shop Management
Retail Store Management
Video Shop Library Management
Accounts Management Single/Multi User

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The latest 10 pages per minute
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TOSHIBA'S new range of
Portable Computers . . .
Letter Quality Printers . . .

SEE US ALSO ON **STAND 918** *OFFICE AUTOMATION SHOW*
DISPLAYING THE NEW TOSHIBA FULL COLOUR DIGITAL COPIER
TEC MB-500 ELECTRONIC MEETING BOARD
DEVELOP 12 BATTERY OPERATED COPIER

Copispec
Pty. Ltd.
87–93 Bay Street, Port Melbourne 3207. Phone: 647 9111

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Computer Plus
Sanyo Office Machines

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Mitsubishi Electric AWA
Nashua

Furniture
Computer Office Supplies
Copispec
Furniture Packs International
Micropower
Micro Shack

Interfaces
Communications & Peripherals Australia
Eastern Micro Electronics
Epson
Imagineering
Megavision
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THE WAY TO EXTEND THE BLESSINGS OF HYPERDRIVE TO LESS PRIVILEGED MACINTOSHES

Recently, General Computer introduced HyperDrive, an internal hard disk drive that radically boosts the Macintosh's speed and storage capacity. And now HYPERNET software gives your office full of Macs access to HyperDrive's 10- or 20-megabyte internal Winchester hard disk.

For the first time, any Macintosh in your low cost Appletalk network can read, edit or transfer files to and from your HyperDrive. Even if everyone wants to refer to the same information at once.

Hypernet Features:

- Total Macintosh compatibility, allows file sharing and transfers.
- Allows concurrent file access, and supports multi-user applications.
- Gives all users double-tiered security; file drawers may be password protected and files may be encrypted.
- Works with all Hyperdrives and all Macintoshes and allows client reconnection and recovery in the event of a Host crash.

Configuration Requirements:

Host - At least one Mac 512K or Mac Plus
A HyperDrive (10, 20 or 2000)
HyperNet Software

Client - At least one Mac Plus or Mac 512K
Connection - Appletalk network Cabling

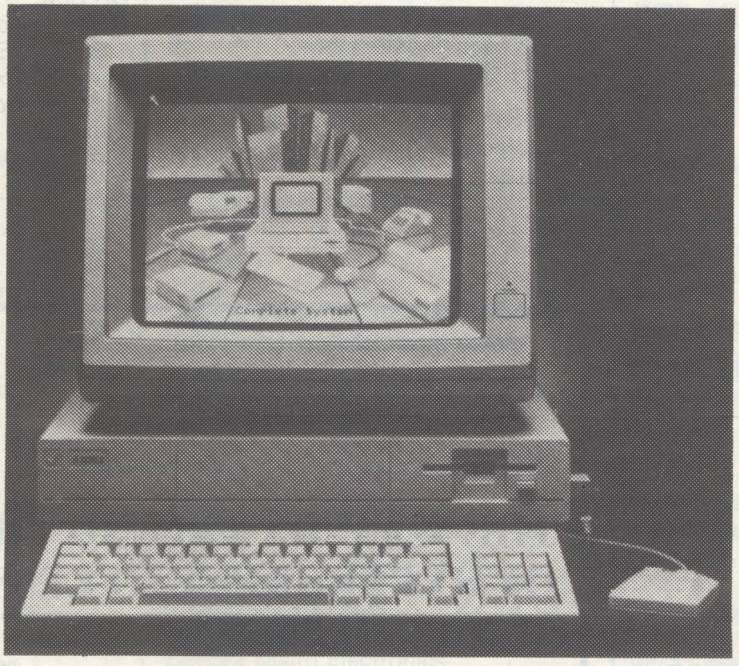
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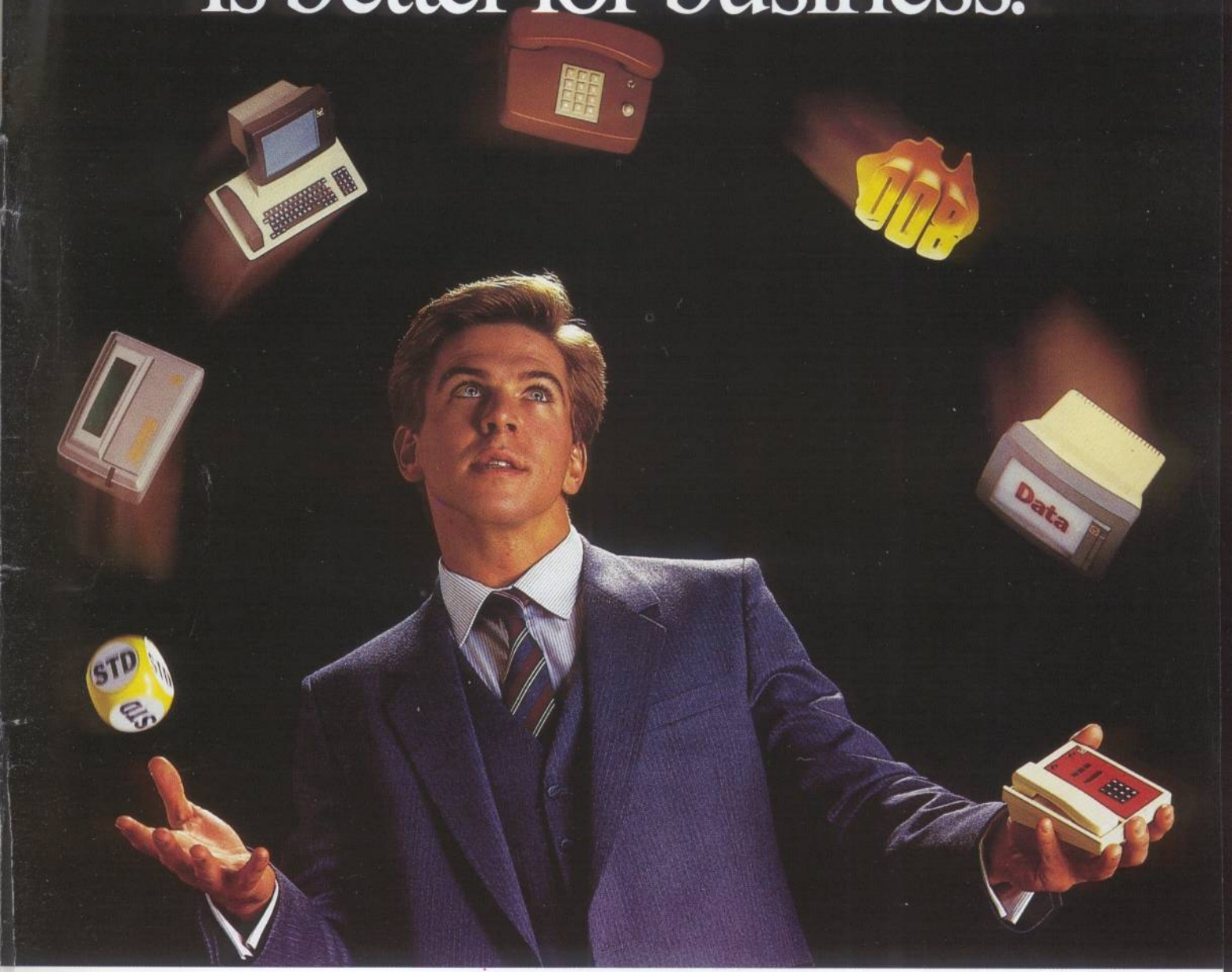
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