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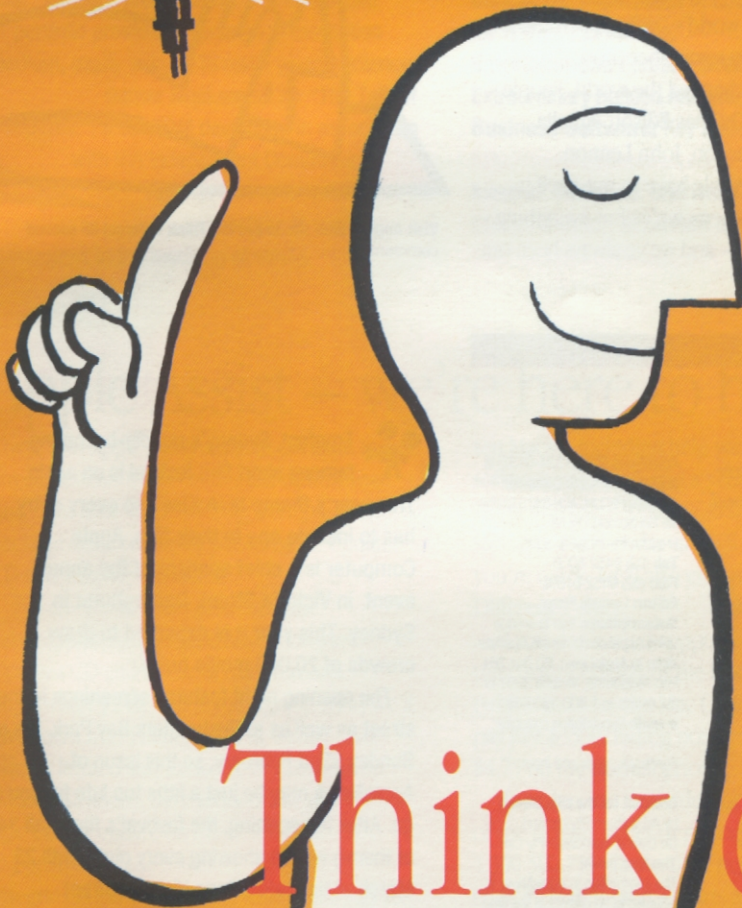
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it), Real Wild Child!, Eye Candy.  
Plus loads of other exciting,  
powerful and fun new packages.

# AppleNews

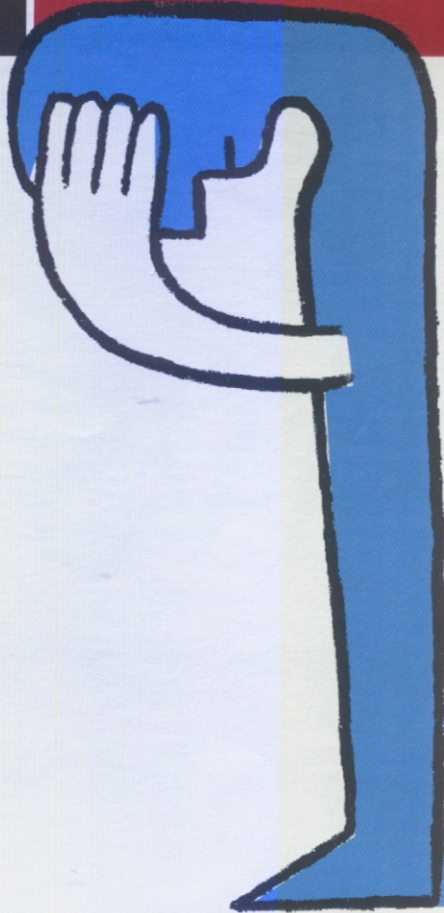


# Think different.

Apple Computer has never been about thinking inside the square. When we began, only a handful of visionaries had even imagined a 'personal computer.'

We thought different, and created the world's first real personal computer. A computer that ordinary people could use and afford. Then in the 80s, when our own Apple II and the IBM PC were the standards, we thought different and developed the graphical user interface that led to Macintosh. The computer for the rest of us.

continued on page 2...



# Thinking different.

researchers. For the people who don't want a battle of wits with their computer, but a battle of wits with themselves.

This innovation hasn't stopped. We're still focused on giving you the best tools to help you achieve. Our latest G3 systems set new highs for desktop and notebook processing power. QuickTime 3.0 makes multimedia even more flexible and powerful. Mac OS 8 is the benchmark for power, reliability and ease of use. And our third party partners continue to create software that sets the standards.

The world of Windows has come a long way. But they're still following us. And there's still a long way to go. Making computers that do more, more easily. As long as there are people in the world who think different, we'll be making computers for you.

## The new Apple advertising campaign

A celebration of the world's "different" thinkers, we want everyone to remember those individuals who've changed the world. People like Pablo Picasso, Thomas Edison, Amelia Earhart, Richard Branson, John Lennon.

What right does Apple have to put itself in this company? Like them, we've bet everything on what we believed – and we've always been out

of step with convention. The result? We are the company that brought the world personal computing, graphical computing, desktop publishing and multimedia. We also get a share of the credit for today's graphical Internet. And while we've got some things wrong in the last twenty years (as plenty of people will tell you), we've got a lot more very, very right.

And we couldn't have done it if we'd followed the conventional wisdom.

Our focus has always been on giving our customers practical tools to make their lives more productive and enjoyable. And we've consistently delivered, well before our competition.

So we'll keep thinking different. We hope you will too.



### » from page 1

As Apple users, everyone who reads AppleNews knows what we mean by "thinking different". And our new advertising campaign is there to remind you, us and them of what we're here for.

To create tools for the world's thinkers, writers, teachers, artists, designers, creators,



Visit Apple's web site to see the Think different 60 second commercial: <http://www.apple.com/thinkdifferent/ad1.html>

## Welcome...

Dear readers,

Welcome to our new look AppleNews. This is our first complete redesign for nearly four years – we hope you like the look and find it easy to read. We think it's a good omen that the first issue of our eighth year of AppleNews (Vol 8 no 1) coincides with the release of Mac OS 8.1!

We've started the year with good news here at Apple. The first quarter of our financial year ended on 31 December with Apple's worldwide sales up and a profit of US\$45 million. On page 4 you can read more about this and other messages Steve Jobs delivered at Macworld in January.

In this issue you'll also find plenty of new products and software for your Macintosh (especially if you're developing for the web – three new web design packages and dozens of utilities were released at Macworld).

A number of readers have written to ask where they can get the typefaces in our last issue's article on desktop type and design. The best resource is the Macintosh Product Guide on the Apple Australia web site at <http://www.apple.com.au/MPG/>. This has details of hundreds of fonts, along with font foundries like Adobe and distributors like The Font Factory.

I hope you like our new look (let me know what you think) and find this issue valuable.

And remember, think different!

*Lorraine Foster*  
Lorraine Foster, Editor



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## Come to Tropfest '98



Tropfest, Sydney's rapidly-becoming-famous short film festival is on again.

This year's theme is 'A Kiss', so every entry has to include one in their film. Apple Computer is a chief sponsor of the annual event in Victoria Street, Darlinghurst in Sydney. This year it is expected to draw crowds of 20,000 movie buffs.

The opening night features screenings in the street as well as at Rushcutters Bay Park. It's on Sunday 22nd February, so this issue of AppleNews may be just a little too late for you to go. After the opening, the festival's films (all 340 of them!) will be showing every night until 23 March at the cafés along Victoria Street Darlinghurst in Sydney.

The festival is free (though you'll have to pay for your coffee!).

Full details of the festival, its history and some photos from previous Tropfests are at Tropfest's web site: <http://www.infolearn.com.au/tropfest/>. Or you can find out more by phoning the festival organisers on (02) 9368 0434.

## Australian Apple Developer Award Winners

Six of Australia's best developers were honoured in the 1997 Australian Apple Developer Awards.

This year's awards attracted a record number of entries from a wide range of developers. All run on the Mac OS and the developers must be based in Australia or New Zealand. Judging is based on design, market potential, ease of use, presentation, export potential and the use of Apple technologies.

### Here are the winners:

**Internet:** Prognostics for Net Clone/Mirror, a utility for all Macintosh-based web designers which allows two-way replication of web content.

**Science:** Process Software Solutions for DIMPLE, a digital image analysis system for geoscientific applications such as geography, mineral exploration and environmental studies.

**Business:** Fusion Design Consultants took this award for its interactive portfolio of Rick Bzowy's architecture. This interactive portfolio provides a versatile presentation medium, easily tailored to suit a given audience.

**Education:** Garner MacLennan for "The Talk of Topsville", a CD-ROM developed in association with the Independent Commission Against Corruption, designed for teachers to use in classrooms in the teaching of ethics.

**Entertainment:** Garner MacLennan won for "Bananas In Pyjamas, It's Fun Time", the first 3D title to be developed for the pre-school age group.



**Newton:** Sportmate International won the Newton award for Chart Mate Plus, a tennis statistics package developed for the professional tennis circuit that lets coaches capture data at the courtside for analysis to identify players' strengths and weaknesses.

The 1997 Developer Awards also introduced another category of awards: the Excellence in Software Development Awards, to honour entrants of exceptional quality in software development.

### The winners of the Excellence Awards in each category are:

**Education:** Department of Education Queensland for Wanpa-rda Matilda.

**Entertainment:** Forest Interactive for Blinky Bill's Extraordinary Balloon Adventure.

**Business Software:** Key Options for CyberStretch. <http://www.cyberstretch.com>

**Internet Software:** Stairways Software for StreamWatcher, RumorMill and Mac TCP Watcher. <http://www.stairways.com/>



## Snippets

### NetDay in Victoria

Volunteers from every Apple education reseller in Victoria helped wire schools as part of NetDay Victoria '97 on Saturday 15 November.

They joined more than 1000 parents and teachers at 88 schools across the state in the mass working bee to network up to 5000 classrooms to the Internet through corporate and community sponsorship and support.

### IDC: "Macintosh is the best education computer platform"

A September 1997 survey in the US administered by International Data Corporation (IDC) found the Macintosh platform allows the most positive learning experience for students and teachers. It also found the Macintosh's ease of use increases technical support staff efficiency and lowers the total cost of ownership.

The IDC White Paper "Understanding the Total Cost and Value of Integrating Technology in Schools" can be viewed in full at Apple Computer's education web site at: <http://ed.info.apple.com/education/lswtf/idc/>.

### Colorsync for Internet Explorer

Apple's ColorSync technology will be part of a future version of Microsoft Internet Explorer for Mac OS to provide consistent and accurate desktop colour calibration.

Apple and Microsoft are working together to make sure that professionals and consumers can trust colour on the web.

For more information on Apple's ColorSync technology access its website at: <http://colorsync.apple.com>.

### Lucky eMate winners

Three lucky children are now the proud owners of Apple eMate 300 mobile computers won in our AppleCentre Christmas promotion.

Many kids e-mailed their wish list to the North Pole with the help of their local AppleCentre. Here are the lucky winners and their local AppleCentre: Coen Robinson, Barley Computers Mt Isa; Callum Tully, IC Technologies Launceston; and Marcus Sloan, Office Everything Bendigo.

### BYTE Magazine honours Apple

BYTE, probably the most respected magazine in small computer systems, awarded Apple its 1997 Editors' Choice Award of Distinction for Mac OS 8, the latest version of the Macintosh operating system, and the PowerBook 3400/240.

## Apple Assist – we're here to help

There's an Apple Assist support package to suit any Macintosh user – individual or business. And right now we're offering a couple of special package deals on the Apple Software Updates CD and support packages.

For the home user, get a four-disc subscription to the Apple Assist Software Updates CD and a year of our Premium Support for \$240. And if you sign up now, we'll give you a free Think Different T-shirt (this offer is limited and exclusive to Australia, so please call soon). Save around \$40 and get the Mac OS 8.1 update on the first of your CDs.

For small/home business, sign up for Integration Support (which will support up to

ten Macs – including help with third party software products) and a subscription to the Assist Software Updates CD for \$620 – a saving of \$120 on the normal price. And, if you're quick, we'll also give you a free Think Different T-shirt.

If you don't need support, you can order the current edition of the Updates CD (which includes the Mac OS 8.1 update) and pay just \$35 including postage – a saving of \$4.75 on the normal price.

To order, use the order form on the back of the mailing sheet or phone us on 1 300 300 755. Please do it now. This offer ends 31 March (and T-shirts are limited).

News Flash



As we go to press, Apple has announced that we're changing our software business structure by bringing ClarisWorks and other Apple-branded software back within the main company. Claris will continue as a separate entity focused on the extremely successful FileMaker cross-platform database. The company's name will be changing to FileMaker Inc to reflect this.

# Move into the new Office.

Microsoft goes back a long way with Macintosh. Microsoft Word was the Mac's first high powered word processor, Multiplan its first spreadsheet. And Excel was the visual spreadsheet that got the Mac into the corporate market.



Without Microsoft, we wouldn't have had many of our most powerful software tools. And as Mac users, we got them years before the DOS world had them. The poor reception for the last edition of Microsoft Office for Macintosh sent Microsoft back to first principles: build Mac-focused applications from the ground up, with a team that knows and cares about Macintosh.

And that's what they've done with the latest version. Created a very powerful, easy to use, Macintosh-friendly applications suite that will meet the needs of almost any office. And it looks right at home on the Mac, with the "platinum" appearance of Mac OS 8. Sticky menus, Contextual menus and dialogue boxes all follow the Macintosh standard. It launches and responds fast.

To find out more visit: <http://www.microsoft.com/macoffice/> or your nearest reseller. MS Office 98 for the Macintosh is expected to be available in March 1998 at a recommended retail price of \$739 (upgrades for existing Office users will be \$439). To find out more, phone Microsoft on (02) 9870 2100.

## What's included?

Microsoft Office 98 Macintosh Edition combines Microsoft Word, Excel and PowerPoint. Plus the Internet Explorer Web browser and Outlook Express e-mail and contact management. All are tightly integrated and can be customised with new development tools and Visual Basic for Applications.

## Installation couldn't be simpler.

Just load the CD and drag a single folder to your hard disk and you've installed Office's three main applications. Internet software and other options use standard Macintosh installers.

Office installs various files in the System folder automatically. If one is missing or damaged, it will be automatically replaced.

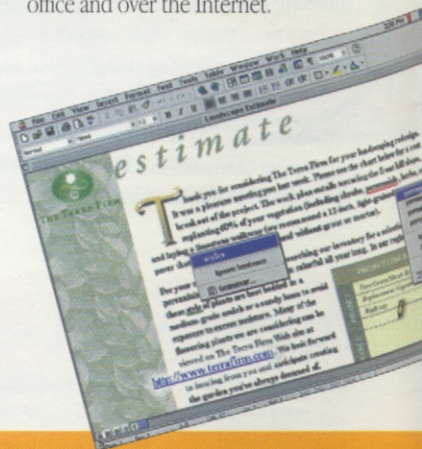
## Work faster and more easily.

The Office Assistant will walk you through virtually any task. Standardised menus, toolbars, and commands across all Office applications mean that once you've learned one application it's easy to use others.

Both Word and PowerPoint quietly check your spelling and grammar in the background, putting a wiggly line under the suspect section. You can then control-click to bring up a contextual menu of choices or explanations.

## Designed for collaboration.

Communication and collaboration features let you share work with others across platforms, across the office and over the Internet.



## Macworld San Francisco report. Good news from Jobs. \$45 million profit.

Every January, the Macintosh world converges on San Francisco for Macworld.

One of this year's highlights was the keynote speech from Apple founder and interim CEO, Steve Jobs. Here are some of the key points:

### Think sales.

Jobs had plenty of good news. The company shipped 133,000 of the new G3 Power Macs in the 51 days since they were launched (166% of the forecast). And there were no problems with supply or quality.

Jobs reported on the success of Apple's "store within a store" at CompUSA, a large US computer retail chain. Since its introduction at 51 of their stores, Macintosh sales had gone from 3% to 14% of their total sales.

Apple's own Online Store almost immediately

became one of the most popular e-commerce sites on the web, with over a million hits per day from both buyers and customers using the site for reference.

### Think new products.

Jobs went through the features of the new Mac OS 8.1 (see page 6 of this issue) and the new version 3.0 of QuickTime. QuickTime has developed into a uniquely powerful architecture for sound and images. The new version adds support for several new software "codecs" (coder/decoders).

Over 50 new software products for Macintosh were announced at MacWorld. Several are covered in our third party product section on page 8 of this issue.

Some of the major new products demonstrated during the keynote include: Microsoft Office 98,

which we cover in detail above.

Oracle will soon be delivering 40 enterprise products as Java-based applications for the Mac: a whole range of financial, enterprise and human resources solutions.

Macromedia demonstrated DreamWeaver, their WYSIWYG and HTML web authoring system.

Cyan demonstrated their interactive game Riven, the sequel to Myst. This has been widely rated as the most visually stunning computer game yet. Spread over five CDs (or one DVD) it creates a lavish virtual environment loaded with challenging puzzles.

### Think profit.

Jobs saved the best news for last, announcing a US\$45 million profit on revenues of US\$1.575 billion for the first quarter of Apple's financial year.



# AppleCentre

## Solution Areas make the difference.

Since our first AppleCentres opened last October, they've already made a big impression on retail buyers. One of the biggest improvements over traditional computer resellers is the Solution Area. This is a series of complete Macintosh systems, fully set up with software and peripherals for a specific need. Every AppleCentre has at least four: for Business, Education, Home and Mobile solutions. Some of the larger metropolitan AppleCentres have others like Internet, Publishing, Entertainment and Multimedia.

So instead of just telling you about software solutions, AppleCentre staff can sit you down and show you a Macintosh that can meet your specific needs.

For instance the Business Solution is based on one of our mid-range computers, set up to try popular business software like Claris Office 5.0 for word processing, spreadsheet and simple databases and presentation; MYOB and Quicken for accounting; Filemaker Pro for databases and soon the brand new Microsoft Office 98.

Beyond the Solution Areas, every AppleCentre carries a wide range of software (at least 50 different packages in smaller Centres and 100 in the larger ones). So you can see the most popular Macintosh software for a wide range of needs in action – and buy it straight away.

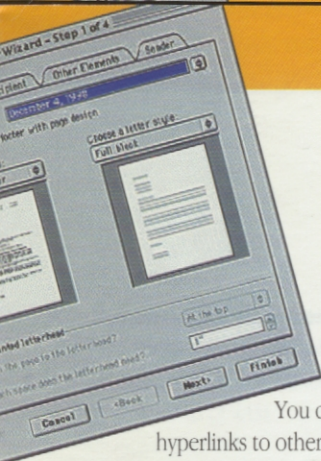
Beyond that, each AppleCentre can order virtually any of the thousands of third party products detailed on our web site at <http://www.apple.com.au/MPG/>.

And if you ever have a problem, your AppleCentre has a qualified Level 1 technician on the spot.

Turn to pages 10 and 11 to find your nearest AppleCentre. We look forward to seeing you soon.



Think business.  
The Power Macintosh 7600/200.



You can add hyperlinks to other Office documents for easy navigation from document to document, or to Web pages on your hard disk, company intranet or the Internet. Easily communicate, collaborate, and share Office documents with others – even Windows users – with Outlook Express. Advanced workgroup features include Document Versioning, Track Changes and In-Place Comments in Word and Excel.

### The big changes in Word.

You can create tables as easily as you would with a pencil and paper, making columns, rows and cells of any size and shape to fit your data.

Document versioning stores multiple versions of a document in a single file. You can also track and manage all changes and comments (even by several different users).

QuickTime movies and QuickTime VR panoramas can be included in your documents.

For those upgrading from Word version 5.1, you can set the program to display the menus you know and love. Plus the Work and Font menus (missing in Word 6) are back.

### What's new in Excel?

Multiple Undos, better charting, print preview you can edit, page breaks you can drag. Autocorrect fixes common mistakes on the fly. You can build formulas and equations using your own words. Visually edit formulas with Range Finder.

Custom cells let you rotate and indent text, merge cells and resize text automatically. You can import changing data from web pages automatically – currency rates, stock prices, sports scores, whatever.

### And PowerPoint?

30 new designs to choose from. Add movement to your presentations with transition animations. Our favourite feature is the Meeting Minder which tracks action items during meetings and automatically creates a final slide of them.

### What do I need to run it?

- Any PowerPC based Macintosh (120MHz or faster recommended)
- Mac OS 7.5 or later
- Minimum 16MB memory to run one application at a time. 32MB recommended for the full suite
- 49-120 MB hard disk space
- CD-ROM drive
- Modem and Internet access for Internet features.

## Loads of great new applications.



### New releases at Macworld

Here's a very quick rundown on some of the new products announced at Macworld. You'll find more on page 8.

Infowave Wireless Messaging launched PowerPrint 4.0, a utility that lets Macs print to PC-compatible printers and showed a beta version of StyleScript 3.7, which gives inkjet printers Adobe PostScript Level 2 capabilities.

Avid Technology introduced Version 2 of their Xpress complete nonlinear digital video editing system. It features improved graphics and effects, including real-time uncompressed titles and graphics, real-time mixing of up to eight audio tracks and support for a range of new plug-ins and formats.

3-D Strata demonstrated a new plug-in module for character



animation in its StudioPro 3-D 2.1 modeling package. The animation plug-in supports gestures, expressions and lip-syncing.

Extensis Corp. introduced PhotoFrame 1.0, a utility for creating exciting frame and border effects for images.

Thursby Software showed Version 2.0 of DAVE, which lets Mac users share printers and files with Windows NT- and Windows 95-based machines and gives Windows users access to Macintosh devices.

Farallon Communications introduced an AirDock Printer Adaptor to complement its existing devices that use a PowerBook's infrared port. The AirDock Printer Adaptor can send jobs directly to any printer up to two metres away.

They also announced three new Ethernet hubs: The Fast Starlet/5, 8 and 16.

### Internet

StarNine demonstrated WebStar 3, a major upgrade to their popular Mac OS Web server.

ClearWay Technologies and Maxum Development unveiled WebDoubler, a tool to speed Web browsing for workgroups.

Symantec displayed Visual Cafe for Java, Version 2.0, and an update to Visual Page.

J.Stream were demonstrating betas of WiredWrite, a publishing system that creates Java-based portable electronic documents.

ProVUE Development showed their Web authoring tool: SiteWarrior.

Rockstar Studios showed GearBox 1.5, an Internet Connection utility, and Internet Setup Monkey 2.0, their Internet admin package.

Blue World Communications demonstrated Lasso 2.5, which adds multihoming capabilities to their FileMaker Pro Web tool.

# Mac OS 8.1 is here: the newest version of the Macintosh operating system

It builds on the success of Mac OS 8, released last August.

"Mac OS 8.1 improves on Apple's most successful software release to date – Mac OS 8 – which has sold over two million copies," said Steve Jobs, Apple's Interim CEO. "Mac OS 8.1 offers our customers even greater features, performance and stability."

## The main new features:

- Microsoft's Internet Explorer is integrated as the default web browser.
- A big improvement in Java compatibility and performance with the newest version of Apple's Java Virtual Machine (MRJ 2.0) which implements Sun's Java Development Kit version 1.1.3.
- More efficient disk storage with Macintosh Extended Format, an improved disk file system and format that literally gives storage space back to customers.
- Built in DVD Universal Disk Format (UDF) which reads video DVDs and DVD-ROM interactive games.
- Faster application launching from newly optimised virtual memory and disk cache systems.
- You can print across TCP/IP networks with a new LaserWriter printer driver.
- Better PC compatibility with PC Exchange 2.2 which supports Windows 95 long file names and volume formats, including PC-formatted removable media such as Iomega Zip and Jaz cartridges.
- Dozens of minor improvements to improve system speed and reliability.

## Incorporates leading internet browsers

Mac OS 8.1 includes leading Internet access software – Microsoft Internet Explorer 3.01 and Netscape Navigator 4.04. Internet Explorer is installed as the default browser. Mac OS 8.1 features Apple's Internet Assistant software, which guides users through

the normally complicated tasks required to set up Internet connections. In addition, Mac OS 8.1 ships with the latest version of America Online for Mac OS.

## Improved Java support

Mac OS 8.1 incorporates Apple's latest version of the Java Virtual Machine, MRJ 2.0, resulting in greatly improved Java compatibility and performance over Mac OS 8. Users can run Java applets or applications using MRJ 2.0 in Microsoft's Internet Explorer browser, or without a browser using Apple's "Applet Runner" software. MRJ 2.0 implements the Java Development Kit (JDK) version 1.1.3 from Sun Microsystems, and passes the "100% Pure Java" conformance tests supplied by Sun.

## New advanced file system provides more efficient disk storage

Mac OS 8.1 features Macintosh Extended Format, a new advanced disk file system and format which stores small files much more efficiently than the existing Mac file system. Users can recoup a significant percentage of their current storage space for all files, and store many more files on their existing disks without running out of space. Mac OS 8.1 defaults to use the existing Mac file system. To use this new feature you must first back-up the disk, reformat it for Extended Format, then restore the data to the newly reformatted disk.

Current Mac OS 8 owners – download your free update from: [ftp.apple.com.au](http://ftp.apple.com.au)

- Faster application launching
- Better PC compatibility
- More efficient disk storage with Macintosh Extended Format
- Better Java performance
- Microsoft's Internet Explorer integrated
- Built in DVD support
- Printing across TCP/IP networks



## The new G3 Power Macintosh Desktop, Tower and PowerBook



	G3 Desktop	G3 Tower	PowerBook G3
Processor speed	233 or 266MHz	266MHz	250MHz
Memory	32MB	32MB	32MB
Backside cache	512KB @ 117 or 133MHz	512KB @ 133MHz	512KB @ 100MHz
System bus speed	66MHz	66MHz	50MHz
Hard disk	4GB	6GB	5GB
CD-ROM	24 X speed (max)	24 X speed (max)	
Display capability	2MB SGRAM & 64-bit graphics/multimedia accelerator chip		307mm active matrix SVGA display with 2MB VRAM & accelerator chip
Price*	\$4,295* or \$4,995*	\$6,995*	\$10,495*

Our newest and most powerful computers yet, the G3 range has also been a very successful launch, selling strongly since we released them in November (just a few weeks after the last AppleNews!). There are three models: the desktop, tower and PowerBook G3. The heart of these new machines is the PowerPC G3 central processor. By adding a new "backside

cache" – ultra-high speed memory connected directly to the chip – they offer a huge increase in performance. The desktop and tower models are built on a new, faster motherboard design with an ATI RAGE II+ 64-bit graphics and multimedia accelerator chip that adds to their speed. The PowerBook G3 packs the power of a desktop computer into a notebook.



## Real go-anywhere computing

### System requirements

Mac OS 8.1 runs on all PowerPC and 68040 processor-based Macintosh computers with at least 12MB of RAM.

### How can I get it?

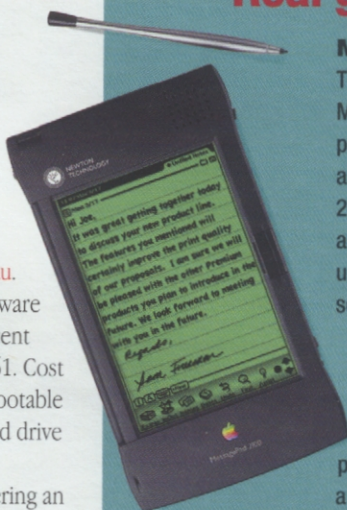
If you are already using Mac OS 8, you can download a free update from [ftp.apple.com.au](http://ftp.apple.com.au).

Or you can order the current Apple Software Updates CD (which also includes other recent software updates) by phoning 1 300 300 561. Cost is \$35 including postage. This CD will be bootable in case customers have formatted their hard drive with Macintosh Extended Format.

Claris software upgrades will also be offering an upgrade CD with a full version of Mac OS 8 and 8.1 for registered Mac OS 8 customers. Call them on 1 800 028 316.

If you haven't upgraded to Mac OS 8 yet, you can get a full version of Mac OS 8.1 from your Apple outlet for \$149.00\* (see pages 10-11 for your nearest location). These are expected in late February.

And if you want to know more, visit <http://www.apple.com/macOS/8.1/>.



### MessagePad 2100

The newest member of the Apple MessagePad family improves the performance and communications abilities of the popular MessagePad 2000 released last year, including additional system memory and upgrades to several of its bundled software programs.

The MessagePad 2100 provides email, fax and Internet access capabilities, as well as a spreadsheet application and personal productivity software, at a fraction of a laptop's weight and cost (you'll need a modem and Internet account for email and Internet access.) Battery life is up to six weeks with normal use.

Its 4MB of DRAM is 3MB more than the MessagePad 2000.

Built around the powerful Digital StrongARM SA-110 processor, the MessagePad 2100 is one of the fastest handheld computers on the market. Its 16-level greyscale screen is larger and clearer than those in most handheld computers. And unlike the tiny keyboards found on many handheld devices, you can touch-type on the MessagePad's optional keyboard.

Software includes version 3.2 of AllPen Software's Nethopper graphical web browser. This adds proxy support, authentication and the ability to download Newton packages over the web.

There's also the latest version of Newton Internet Enabler (NIE 2.0) for Internet/intranet connections.

The recommended retail price of the MessagePad 2100 is \$1,695\*, including a word processor, email package, web browser and spreadsheet applications. The optional keyboard adds another \$129\*.

For more information, visit the Newton website at [www.newton.apple.com](http://www.newton.apple.com).

MessagePad 2000 owners can upgrade to 2100 specifications for \$299 until 30 April 1998 (or while stocks last). Phone (02) 9433 7499 for full details.

### Apple QuickTime VR Authoring Studio



QuickTime VR brings virtual reality to your desktop without any special equipment.

Use it to experience a 3D photographic or rendered representation of any person, place or thing. You can rotate objects, zoom in or out of a scene, look around 360° and navigate from one scene to another.

Finished QuickTime VR movies can be viewed on Macintosh or Windows computers through any application that can play standard QuickTime movies or the QuickTime Plug-In for web browsers. This makes QuickTime VR movies exciting additions to educational, entertainment and commercial web sites.

Until now, creating QuickTime VR movies has been largely a job for programmers. The Apple QuickTime VR Authoring Studio makes it as simple as pointing and clicking. With five tools that cover everything from blending individual images to creating panoramas through linking scenes and optimising your finished movies for web or CD-ROMs.

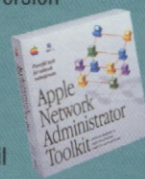
The kit costs \$550\*. If you've never seen QuickTime VR in action, visit our web site at <http://www.apple.com/quicktime/qtvr/>.

### Apple Network Administrator Toolkit 2.0

This comprehensive set of tools for network administrators has been available to our education customers since last year. It's recently been released to all our customers.

The package includes three Apple utilities. At Ease for Workgroups 4.0, Apple Network Assistant and Group Manager together create a powerful, complete and easy-to-use solution for managing networked Macintosh computers. You can control security, distribute applications, manage computing and printing resources, organise groups and user lists from a central workstation. Interactive screen sharing and remote software capabilities let you collaborate and solve problems across the network.

The toolkit has a recommended retail price of \$796\*.



If you've been putting off upgrading, the G3s are what you've been waiting for. They offer an enormous increase in performance over earlier models and great value for money.

\* Please read this: All the prices quoted here are the Australian recommended retail prices current when we went to press. They, along with specifications and system configurations, can change. Please contact your authorised Apple location or visit our web site for up to date prices, specs and configurations. <http://www.apple.com/au/>

# What's new for the Macintosh?

One of the keys to the success of the Macintosh is the first-class software created by our developers. Here's the latest.

## FileMaker Pro 4.0



FileMaker Pro is the number one database application on the Macintosh (and the number two on Windows). The biggest change in this new version is the ability to instantly publish dynamic FileMaker Pro databases to the Web – without tricky CGI programming or Web server software. FileMaker automatically creates an easy-to-use interface, complete with Java-based applets to easily navigate, browse, edit, delete and create records. Comprehensive security features control access.

A new language makes it simple to integrate databases with HTML pages and built-in FileMaker Connection Assistants streamline integration with Web pages created with Claris Home Page 3.0.

Other features include the ability to store and automatically convert GIF and JPEG images; built-in e-mail sending and drag-and-drop import from Excel.

The retail price is estimated at \$299, with upgrades from earlier versions and other competitive products at \$129. The hybrid CD-ROM includes both Mac OS and Windows versions. A time-limited trial edition is available for free downloading at

<http://www.claris.com.au/>.

For upgrades, phone 1 800 028 316.

## Claris HomePage 3.0



Claris Home Page 3.0 adds very tight integration with FileMaker Pro 4.0 databases to this easy-to-use visual editor for Web pages. This makes it simple to build dynamic web sites served by powerful relational databases, which makes keeping your web site up to date virtually automatic. Once information is updated in the database the Web site will dynamically reflect the latest changes, saving time and duplication. It also makes it simple for many

people to feed information into a web site instead of just a Webmaster.

Claris Home Page 3.0 makes Web authoring even easier with eight Assistants, 45 templates and 18 professionally-designed styles, as well as powerful new site management capabilities. The estimated retail price is \$119. If you're buying FileMaker Pro 4.0, it costs \$69 directly from Claris.

Visit <http://www.claris.com.au> or phone (02) 9452 8585.

## Macromedia Dreamweaver

Dreamweaver gives Web professionals the power and productivity of a visual tool with the control and flexibility of an HTML text editor.



Unlike some visual HTML editors,

Dreamweaver won't alter HTML, so you can freely switch between visual editing and hand-coded HTML.

For more information and a free Dreamweaver demo CD, call Firmware Design on 1 800 060 357 or e-mail [frontdesk@firmware.com.au](mailto:frontdesk@firmware.com.au). <http://www.macromedia.com/software/dreamweaver/>.

## Internet Explorer 4.0



The new version of Microsoft's free browser has improved its Java support, user interface and security. It also supports Cascading Style Sheets and dynamic HTML and includes Outlook Express, Microsoft's new e-mail package and Personal Web Server 4.0. There's also an offline browsing tool that downloads Web sites in the background for viewing later.

Explorer 4.0 can be downloaded free from <http://www.microsoft.com/ie/ie40/download/mac.htm>.

## Softpress Freeway – another web creation option



Freeway's interface is instantly familiar to designers used to working with desktop design software. You can quickly produce sites with complex layouts and fine typography without knowing any HTML.

Freeway also has comprehensive site management tools making it simple to manage sites.

Visit <http://www.softpress.com/index.html> for more details and download a 30-day trial copy.

## Stuffit Deluxe 4.5

Aladdin Systems have upgraded their popular compression application with Mac OS 8 compatibility, support for more expansion formats like MIME/Base64, encrypted ZIP and LHA expansion, additional e-mail program support and Private File encrypted file support.



For full details of pricing and upgrades, visit <http://www.aladdinsys.com>.

## Alien Skin Eye Candy

Alien Skin Software have released a new version of their Eye Candy special effects plug-ins for Adobe Photoshop and After Effects.

Eye Candy 3.0 gives the digital artist a broader range of choices than Photoshop or After Effects alone. Eye Candy 3.0 retails for \$299. Eye Candy for After Effects retails for \$899. For more information call XCLUSIVE Software on 1 800 357 159.



## Macromedia Flash 2.0

Easily create animated, interactive Web interfaces, advertising banners, navigation buttons, panels, logos and cartoons. Synchronise sounds like voiceovers or button clicks to the graphics. Get the whole story from Macromedia's web site at <http://www.macromedia.com>.



## Australian Apple developer delivers the goods for Telstra

Late last year we were delighted to congratulate Alex Hartman on the sale of his Internet-access product InFINET to Telstra.

InFINET beat plenty of contenders to be chosen as the front-end for Telstra's range of Internet services. InFINET's intuitive, easy to use interface takes the mystery out of getting on to the Internet.

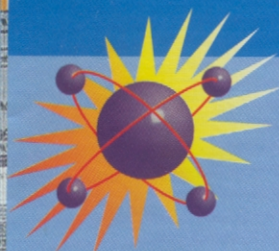
One of our youngest developers, Alex is doing his final year at school by day. After school, he's Chief Executive of Amicus Software Pty Ltd.

Alex approached Apple Australia two years ago for support in the completion and marketing of InFINET. Under Apple's developer support program, he has received support and encouragement in product development and help with building a network of industry contacts.

Alex got his first Apple Macintosh personal computer when he was four years old. By age 10, he was writing programs in BASIC. He then learnt the 'C' programming language before setting up his business at 14 with money he earned working at an Apple reseller on weekends and school holidays.

He started marketing his first product, Go-Net!, three years ago, packing thousands of copies by hand after painting the boxes in his backyard.





**Web Archer will track it down**

Web Archer will quickly search dozens of Internet databases, indexes and catalogues. Just tell Web Archer what you're looking for, and it uses its built-in knowledge of the Internet to help you find your target fast.

Get a free 30-day trial version from <http://www.clearway.com/pages/ClearWay-Home.html>.

**DeBabelizer 3**

Process and translate digital video and image files to web-ready formats including animated GIF and QuickTime. Convert multiple print images to multimedia and web formats. All without compromising original colour quality.

DeBabelizer costs \$595 from Firmware Design on 1 800 060 357 or visit <http://www.firmware.com.au>.

*\* Please read this helpful fine print: All the information in this section of AppleNews is supplied to us by manufacturers or distributors of these products. We haven't tested or checked these products in any way, so please check carefully to make sure they meet your needs. All prices quoted are retail prices supplied to us by the distributors at the time of going to press.*

# Real Wild Child! scores a hit at the AIMIA Awards

Apple multimedia developers Pacific Advanced Media (PAMS) won seven awards for their CD-ROM Real Wild Child! at the Australian International Multimedia Awards (AIMIA) in Melbourne last November, including the Gold AIMIA Award for "Best Overall Multimedia/Online Product of the Year".

Real Wild Child! documents the history of Australian rock music from Johnny O'Keefe in the 1950s to Savage Garden in the 1990s.

PAMS created the CD-ROM with tools from its new software division, ThereWare, and Macintosh computers. It contains over 170,000 written words, 2,000 images, 100 movies and 200 excerpts from original sound recordings. Users can delve into Australian rock music through a surreal virtual landscape.

PAMS has been an Apple Strategic Developer since the company was founded in January 1993. Apple is proud to have played a role in the creation and delivery of such a fantastic product and is committed to continuing to support Australia's world-leading developers like PAMS.

Real Wild Child! was produced by a consortium of the Powerhouse Museum, Mushroom Pictures, Pacific Advanced Media and the Triple J radio network. The group came together in response to the Federal Government's 'Australia on CD' programme, which was established to promote broad access to Australia's artistic, intellectual and cultural heritage.



Real Wild Child! is available from ABC Shops, Sydney's Powerhouse Museum and many other cool retailers around the country. It has a recommended retail price of \$49.95. To find out more, contact Pacific Advanced Media on (02) 9439 8700 or visit [www.realwildchild.com.au](http://www.realwildchild.com.au) on the 'net.

## Macromedia FreeHand 8.



FreeHand 8 has new tools, greater speed and a range of productivity improvements that will help

designers come up with great work more easily.

FreeHand 8's integrated support for Macromedia Flash helps move work from print to the Web. A completely customisable user interface and keyboard shortcuts make it very productive – including complete shortcut sets from other common applications such as Adobe Photoshop, Quark XPress, Adobe Illustrator and Corel Draw.

Dynamic Transparency is the first feature designers will jump at. Now

you can create editable translucent graphics. A magnifying lens lets you create dynamic zoomed views. A new freeform drawing tool makes it simple to draw organic forms. You can now embed graphic objects in text chains. Move, rotate, and scale selected objects without changing tools. A range of one-button effects includes drop shadows, embosses and kaleidoscopic reflections. At the output end, FreeHand 8 now has Collect for Output, built-in support for flexographic printing and the ability to create and edit multi-page Acrobat PDF documents.

Macromedia have also introduced the Design in Motion Suite, featuring FreeHand 8,

Macromedia Flash, and Insta.HTML.

FreeHand 8 will be available in March 1998 for a recommended retail price of \$679\*. Upgrades are \$249\*. Competitive upgrades are \$329\*. The Design in Motion Suite costs \$889\* and \$459\* for upgrades.

For more information, contact Australian distributors Mitsui on 1 800 025 376 or visit <http://www.macromedia.com.au/software/FreeHand>. Free trial versions are available for download.



## Hot Tips

**Macintosh Extended Format**

Mac OS 8.1 introduces a new way to format your hard disk drives: Macintosh Extended Format (also known as HFS+). What's it all about?

Macintosh Extended Format is a new, modern formatting system for Macintosh hard disks that overcomes some limitations of the current Standard Format – particularly with large disks and future operating systems.

First of all, you *don't* have to change to Extended Format. Your current hard disk will work fine with Mac OS 8.1.

If you do decide to change, you *must* back up before you start – the new format completely erases all your data.

**Why change?**

The Standard Format (then called HFS) divides the hard disk up into 65,536 "allocation blocks". These set the minimum size for a file. In those days, when a 20MB hard disk was large, this was fine. But with a 4GB hard disk, each file is made up of 64K blocks – very wasteful if many of your files are small.

Extended Format overcomes this by increasing the number of allocation blocks to over 4 billion. So if the majority of your files are small, you'll suddenly find there's a whole lot of space on your hard disk.

**Some warnings**

Before changing to Extended Format, be aware that many utilities will need to be updated to work with it (particularly disk optimisation, compression and driver software). Norton Utilities 3.5.2 can recognise Extended Format, but it can't repair any damage yet. Note that earlier versions of Norton have the potential to lose data on an Extended Format disk. Similarly you will need to check that formatting software for non-Apple hard disks is compatible.



# give you advice, demonstrations and complete systems.

## outlets continued...

### Victoria

Office Everything\* **Bendigo** (03) 5442 4666  
 Edward Keller Aust\* **Braeside** (03) 9580 1666  
 CentreForce **Brighton** (03) 9557 5523  
 Choice Connections\* **Bundoora** (03) 9479 1444  
 Campus Computer Shop Uni\* **Carlton** (03) 9344 7880  
 DesignWise† **Dandenong** (03) 9706 8858  
 Peat's Office Equipment **Echuca** (03) 5482 3009  
 Choice Connections\* **Geelong** (03) 5223 1550  
 Computers Now\* **Glen Iris** (03) 9824 8544  
 AppleCentre Hawthorn East†\* **Hawthorn East** (03) 9882 0717  
 IC Technologies †\* **Heidelberg Heights** (03) 9457 7000  
 Office Everything\* **Horsham** (03) 5382 5511  
 AppleCentre Ivanhoe\* **Ivanhoe** (03) 9497 4011  
 Random Access - Melbourne† **Melbourne** (03) 9629 1000  
 Visual Reality **Melbourne** (03) 9820 1369  
 Myers Melbourne City\* **Melbourne** (03) 9661 1111  
 Office Everything\* **Mildura** (03) 5022 2044  
 Alpha Computers\* **Mornington** (03) 5975 3577  
 East Gippsland Computers\* **Orbost** (03) 5154 1492  
 Mac's Place\* **Richmond** (03) 9427 9677  
 Caldwell's Music\* **Richmond** (03) 9429 8122  
 Australian Corporate Technology\* **Richmond** (03) 9428 8895  
 The Australian Corporate Group\* **Richmond** (03) 9428 8895  
 Artiscope\* **Richmond South** (03) 9429 3577  
 ColourFast Systems† **St Kilda VIC** (03) 9525 3155  
 A-Z Computers **Sale** (03) 5143 1144  
 Office Everything\* **Shepparton** (03) 5822 2444  
 Business Comp. of Australia **South Melbourne** (03) 9282 0555  
 Logical Solutions **South Melbourne** (03) 9693 3444  
 Microscience Computers\* **South Melbourne** (03) 9699 8877  
 PC's Corp. Business Centre\* **South Melbourne** (03) 9696 2525  
 Emperor's Mind\* **South Yarra** (03) 9804 8040  
 Office Everything\* **Swan Hill** (03) 5033 2999  
 Southern Mallee Computers\* **Swan Hill** (03) 5033 1887  
 Choice Connections\* **West Melbourne** (03) 9246 9000

### Western Australia

Just Rite Computers\* **Albany** (08) 9842 1228  
 Mobile Technology Services\* **Albany** (08) 9842 1149  
 Amnezia\* **Alexander Heights** (08) 9342 0926  
 Mastery Multi Media\* **Applecross** (08) 9364 2134  
 Tecstream Australia\* **Balcatta** (08) 9240 2867  
 WA Community Technology\* **Broome** (08) 9192 1665  
 Bunbury Mac Centre\* **Bunbury** (08) 9791 3622  
 Indian Breeze Enterprises\* **Carnarvon** (08) 9910 8649  
 South West ComputAble\* **Cowaramup** (08) 9755 5406  
 Bay of Isles Computers\* **Esperance** (08) 9071 5542  
 Healthcare Computing Services\* **Ferndale** (08) 9356 1918  
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 Software Basics\* **Kallaroo** (08) 9345 4202  
 Forum Electronics\* **Mandurah** (08) 9581 3466  
 Jandah Services\* **Narrogin** (08) 98814 694  
 Winthrop Australia **Nedlands** (08) 9380 2611  
 Computer Trade Centre\* **North Perth** (08) 9242 1114  
 Myers Perth City **Perth** (08) 9221 3444  
 Enterprise Associates\* **Perth** (08) 9268 2490  
 Context Consulting **Salter Point** (08) 9202 1539  
 Cyberscape\* **Subiaco** (08) 9388 7744  
 Random Access (WA)\* **Perth** (08) 9278 1000  
 Apwin Computer Services\* **Willemton** (08) 9332 6482  
 Multilingual Solutions\* **Wilson** (08) 9358 1818

## Specialists in various areas

### Accounting

Avanti Technology\* **Keilor East VIC** (03) 9331 3399  
 Hume Computers\* **Rosehill NSW** (02) 9637 4500  
 Teaching Technologies\* **Perth WA** (08) 9437 1260  
 Total Quality Software\* **Perth WA** (08) 9325 8338

### Dental

Pro Dental W.A.\* **East Perth WA** (08) 9325 2722  
 Surgery 7 Software\* **Melbourne VIC** (03) 9654 8945

### Digital video & multimedia

(also see any Masters of Media reseller indicated by a † in the general list)

Adv. Video Integration\* **Woolloongabba QLD** (07) 3891 5758  
 Animation Design **Surry Hills NSW** (02) 9698 3333  
 Desktop Applications† **West Perth WA** (08) 9322 6789  
 Electric Factory **Preston VIC** (03) 9416 9688  
 Infinite Potential Technology\* **Brookvale NSW** (02) 9939 6122  
 Multi-Media Concepts\* **Ashfield NSW** (02) 9214 8424  
 Starnite\* **Crows Nest NSW** (02) 9901 4643

### DTP, graphics and pre-press

(also see any Masters of Media reseller indicated by a † in the general list)

Agfa-Gevaert\* **Pymble NSW** (02) 9391 6611  
 Agfa-Gevaert\* **Nunawading VIC** (03) 9264 7711  
 Agfa-Gevaert\* **Belmont WA** (08) 9277 9266  
 AM International **Rowville VIC** (03) 9765 3300  
 AM International **Balcatta WA** (08) 9345 3144  
 Atex Publishing Systems\* **Lane Cove NSW** (02) 9427 9544  
 Autologic\* **Breakfast Creek QLD** (07) 3862 1200  
 CoastMac Computer Services **Bundall QLD** (07) 5592 2066  
 Delta Technology **Spring Hill QLD** (07) 3832 5377  
 Desktop Applications† **West Perth WA** (08) 9322 6789  
 Desktop Power† **South Melbourne** (03) 9682 5055  
 Folk & Co P/L\* **Fitzroy VIC** (03) 9419 8666  
 Folks Graphics\* **Marrickville NSW** (02) 9560 0788  
 Graphic Decisions\* **Melbourne VIC** (03) 9820 3433  
 Graphic Design Systems **Southbank VIC** (03) 9696 6055  
 Graphics Plus† **Milton QLD** (07) 3367 1944  
 IMA Computer **Surrey Hills VIC** (03) 9830 4555  
 Keyed Up Graphics\* **Castle Hill NSW** (02) 9894 6496  
 LightForce Communication\* **Byron Bay NSW** (02) 6685 8796  
 M&R Mountain Computers **Penrith NSW** (02) 4722 8311  
 Mac Solutions\* **Port Macquarie NSW** (02) 6583 4300  
 Mac Solutions\* **Koonya TAS** (02) 6250 2321  
 Mac1 Service Bureau **Phillip ACT** (02) 6281 0618  
 Media Tech\* **Gladesville NSW** (02) 9879 4744  
 Media Tech - Melbourne\* **Melbourne VIC** (03) 9867 1817  
 Morse Corporation Australia\* **Punchbowl QLD** (07) 3796 2225  
 Multicom Australia\* **Caulfield North** (03) 9500 9907  
 Nothing Swiftly\* **Wedderburn NSW** (02) 4634 1287  
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 PowerWise Digital\* **Springwood QLD** (07) 3841 5200  
 Princeton Digital Imaging\* **Oatlands NSW** (02) 9630 4059  
 Quickcut Pre-Press Net.\* **Frenchs Forest NSW** (02) 9975 5022  
 Tryquest Graphics & Comp.\* **East St Kilda VIC** (03) 9523 0748

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BITS\* **Surry Hills NSW** (02) 9310 3199  
 Fusion Visual Prod.\* **South Melbourne VIC** (03) 9614 0888

### Legal

Huon Computers\* **Frenchs Forest NSW** (02) 9975 1077  
 Perfect Technology (also advertising)\* **Sydney NSW** (02) 9262 2555

### Medical

JAM Software **Leichhardt NSW** (02) 9550 0884  
 Mac Magic\* **Lilyfield NSW** (02) 9552 2958  
 Pen Computing Systems (Newton medical products)\*  
**North Sydney NSW** (02) 9954 4598  
 Healthcare Computing Services Australia  
**West Perth WA** (08) 9356 1918

### Music & digital audio

Australian Academy of Music\* **Spring Hill QLD** (07) 3831 0283  
 Bavas Music City\* **Liverpool** (02) 9824 2211  
 Brash's\* **Sydney NSW** (02) 9264 6733  
 Harbour Music\* **Crows Nest NSW** (02) 9438 4300  
 ML System Design\* **Marrickville NSW** (02) 9558 5252  
 Music Technology\* **Bondi Junction NSW** (02) 9369 4990  
 Revolver Music Gallery **Prahran VIC** (03) 9529 7241  
 Sound Devices **Sydney NSW** (02) 9283 2077  
 Syncrotech Systems Design\* **Chatswood NSW** (02) 9417 5088  
 Turramurra Music\* **Turramurra NSW** (02) 9449 8487

### Networking

Armand Computer Solutions\* **Abbotsford NSW** (02) 9713 5922  
 Computer Results (AS400)\* **North Sydney NSW** (02) 9900 3500  
 Netstrategy\* **Frenchs Forest NSW** (02) 9935 2999  
 Select Computer Technology\* **Mitchell ACT** (02) 6241 5633

### Newton

Newton World **Sydney NSW** (02) 9261 8685  
 Retriever Comms\* **Frenchs Forest NSW** (02) 9453 3344

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Computer Consulting Associates\* **Wynnum QLD** (07) 3893 2592  
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Ability Computer Services\* **Ryde NSW** (02) 9907 9736  
 Physical disabilities  
 Pulse Data International\* **Surrey Hills VIC** (03) 9890 1495  
 Computers for Visually Impaired

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 Apparel Systems Aust. (02) 9476 2200  
 Digitising software for embroidery/apparel industry  
 Connections (TSIP)\* **Anandale NSW** (02) 9552 3088  
 Manufacturing, healthcare & State Government  
 Dasec\* **Regents Park NSW** (02) 9645 2500 Clothing industry  
 Digital Sports System\* **Riverton WA** 0417 911 211 Sport  
 Formation Design Systems\* **Fremantle WA** (08) 9335 1522  
 Ship design & construction  
 Information Technology Services\* **North Sydney NSW** (02) 9956 4000 Mining  
 Nick Dunn Computer Systems\* **Tahmoor NSW** (02) 4681 9523 Manufacturing  
 Scypharm\* **Kingsgrove NSW** (02) 9150 5177 Pharmaceutical  
 Surfway Real Solutions\* **Sydenham NSW** (02) 9551 1355  
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 Vasil Vasilatis & Assoc.\* **Tullamarine VIC** (03) 9338 0899  
 Service Stations  
 Wilcom (Aust.)\* **Alexandria NSW** (02) 9319 3866 Screen printing

### Apple University Consortium members

(for university students and faculty only)

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 Caritech Computers **Adelaide SA** (08) 8303 3320  
 Campus Computers **Bedford Park SA** (08) 8201 3700  
 Campus Computers IT Services **Newnham TAS** (03) 6324 3990  
 Campus Computers IT Services **Sandy Bay TAS** (03) 6226 7405  
 Computer Shop **Campbelltown NSW** (02) 4620 3100  
 Computer Shop **Richmond NSW** (02) 4570 1333  
 Curtin University **Bentley WA** (08) 9351 3099  
 Deakin Computer Shop **Warrn Ponds VIC** (03) 5227 2090  
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 IT Shop **University of Wollongong NSW** (02) 4221 3775  
 The University Technology Shop **St Lucia QLD** (07) 3365 4308  
 Univ. of Melbourne - Comp Supplies **Carlton VIC** (03) 9344 4656  
 Univ. of Sydney Computer Shop **Darlington NSW** (02) 9351 5447  
 Univ. Western Sydney-Nepean **Kingswood NSW** (02) 4736 0222  
 UTS Bits & PC'S **Broadway NSW** (02) 9514 8500  
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