

# Update.Daily

LOS ANGELES, CALIFORNIA

MONDAY EDITION

OCTOBER 5, 1998

## Compaq Expands Affinity for OpenVMS Program

### Compaq to Affirm Commitment to OpenVMS

This morning, in session **OV101** (*Affinity for OpenVMS – Wave 6 Announcement*), Compaq affirms its commitment to OpenVMS as a key element of its enterprise computing strategy. The announcement highlights new and enhanced products and services that are part of the *Affinity for OpenVMS* Program.

Major components of this announcement are:

- the introduction of Compaq's innovative OpenVMS Galaxy software architecture
- major enhancements to the OpenVMS operating system
- COM for OpenVMS.

In addition, the company is announcing an expanded set of products and services that provide an advanced level of application integration between OpenVMS and Windows NT in an enterprise computing environment.

OpenVMS Galaxy software architecture on OpenVMS enables enterprise IT infrastructures to respond to business demands with unheard-of flexibility at a fraction of the cost. OpenVMS Galaxy is an evolution of the OpenVMS operating system that delivers greater scalability and highly available computing with extremely flexible operating features in a single computer. It enables multiple instances of OpenVMS to execute cooperatively in a single computer, giving customers the ability to manage unpredictable, variable, or growing workloads.

OpenVMS V7.2 features seamless integration between OpenVMS and Windows NT; breakthrough performance and flexibility for large-scale SMP systems, and ongoing improvements in performance, reliability, and availability. It continues to enhance Internet readiness with Netscape FastTrack, and delivers high quality and rich functionality with TCP/IP

V5.0 and robust and reliable file and print services with Advanced Server V7.2.

COM for OpenVMS is a new implementation of the Microsoft COM object technology for secure distributed application development. It provides a new level of application integration between Windows NT and OpenVMS by increasing application portability, making software maintenance easier and less expensive, and providing for rapid prototyping of new applications.

This announcement also features the following products and services:

- Netscape FastTrack Server V3.0 for OpenVMS
- Java Development Kit V1.1.6
- Reliable Transaction Router V3.2
- IBI Datamart Suite for OpenVMS and Windows NT
- Digital OpenVMS Enterprise Toolkit for Visual Studio
- DEC C V6.0 for OpenVMS VAX/Alpha
- Digital C++ V6.0 for OpenVMS Alpha
- DIGITAL COBOL for Windows NT
- DIGITAL BASIC Translator
- DECset Clients V2.0
- Office Server MAPI Driver V6.0
- TCP/IP Services for OpenVMS V5.0
- Advanced Server V7.2 for OpenVMS
- DECforms Web Connector V1.0
- DIGITAL OpenVMS Management Tools V4.0 for Windows NT
- LifeCycle Services for OpenVMS.

Plan to attend this important announcement today at 8:00 a.m. in **Room 502B** in the *Convention Center*.

### Villareal Introduces Eckhard Pfeiffer Keynote Presentation

Tony Ioele, President, DECUS U.S. Chapter Board of Directors, chairs today's Keynote presentation, *Compaq Strategic Vision* (**OP105**), at 11:00 a.m. in **Room 515A/B** in the *Convention Center*. Tony will be greeting Ray Villareal, Vice President, Enterprise Computing, North America, Compaq Computer Corporation. Mr. Villareal will, in turn, introduce the video presentation by Eckhard Pfeiffer, President and Chief Executive Officer of Compaq Computer Corporation.

Ray Villareal joined Tandem in 1985. He held several senior management roles, most recently as Vice President of Operations and Strategy. Prior to that, he was Vice President and Managing Director for Asia for four years before being Vice

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*There are NO session changes !*

## BOF Room Change

There has been a reassignment to the BOF room. All Birds-of-a-Feather (BOF) sessions will be held in Room 509B.

## Update.Daily

Anthony R. Ioele, **Publisher**  
 Mary Margaret McCormick, **Editor**  
 Sam Kimery, **Co-Editor**  
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### Update.Daily Article Submissions

PCs are provided in **Room 508** on the **Upper Level** of the *Convention Center* for *Update.Daily* article submitters. Instructions for submitting articles are posted by the computers. **Articles must be submitted no later than 11:00 a.m. the day before the desired publication date.** The editors will gratefully accept articles and graphics on 3-1/2 inch MS-DOS diskettes. Graphics may be submitted in camera-ready form, or on a 3-1/2 inch DOS diskette in a standard PC graphic format. (If in doubt, use TIFF or BMP.)

DECUS '98/Los Angeles Event participants may drop off diskettes or submit articles to *Update.Daily* on the PC from 8:00 a.m. to 5:00 p.m. Sunday through Tuesday, and from 8:00 a.m. to 11:00 a.m. Wednesday.

# Ed Muth of Microsoft is Featured Presenter

Edmund H. (Ed) Muth, Group Product Manager, Desktop and Business Systems, Microsoft Corporation, offers today's featured presentation. Session **CL101**, *Microsoft Windows NT in the Enterprise*, is being held at 1:00 p.m. in **Room 515A/B** in the *Convention Center*.

Mr. Muth is responsible for enterprise strategy and security marketing within the Windows NT Server organization. In addition, Ed also works closely with analysts, press, and large accounts.

Prior to joining Microsoft in December 1996, Ed was vice president of Digital Equipment Corporation, with business management responsibility for Intel-based server business in the Americas. Between 1993 and 1996, he was responsible for business planning, product management, and Windows NT application recruitment for Digital, as a director within Digital's Windows NT business unit.

During the prior 10 years, Ed managed a variety of field and headquarters functions associated with Digital's software products. He was especially heavily involved in middleware products for queuing, transaction processing, distributed systems services and data management. Before joining Digital in 1984, he was an officer and an IT manager at the Harris Trust in Chicago, specializing in data warehousing and decision support systems.

Ed is a graduate of Brown University and the Graduate School of Business of the University of Chicago.



## Microsoft Windows NT in the Enterprise

Microsoft Windows NT is being deployed across many enterprises and is playing an ever-increasing role as the strategic operating environment for many companies. Microsoft's Ed Muth reviews the continual enhancements in the areas of scalability, interoperability, availability and manageability in Windows NT including Windows NT Server 4.0, Enterprise Edition. Ed also reviews the next version, Windows NT 5.0, and future plans, which include the recent enterprise technology agreement for Windows NT announced by Compaq and Microsoft. A question-and-answer period follows the presentation.

## Keynote

(Continued from Page 1)

President and General Manager of Tandem's NT product group.

Ray has most recently served with Compaq as Vice President of Operations & Strategy for Tandem. He has been actively involved in the merger/integration activities among Compaq, Tandem, and Digital. While at Tandem, Ray was Vice President and General Manager of Tandem's NT product group. He spent eight years in Tandem's Asia-Pacific operation, including four years in Singapore as the Vice President and Managing Director for Asia. Mr. Villareal received both a BS in Mechanical Engineering and an MBA from Stanford University.

## Eckhard Pfeiffer

### President and Chief Executive Officer Compaq Computer Corporation

Eckhard Pfeiffer is President and Chief Executive Officer of Compaq Computer Corporation, the world's second largest computer company and the world's largest supplier of personal computers, desktops, notebooks, and servers.

Since assuming overall responsibility in 1991 for directing Compaq's corporate strategies and operations worldwide, Pfeiffer has led the company through a highly successful turnaround and revitalization that *Fortune* magazine called "a classic case of corporate comeback." Under his leadership, Compaq experienced dramatic growth between 1991 and year-end 1997. During that period, worldwide PC market share climbed from 3.5% to 12.7%, worldwide sales have soared from \$4.9 billion\* to \$25 billion, and net income, from \$166 million\* to \$1.9 billion. Over this period, Pfeiffer transformed Compaq from a PC company to the perfect blend of an enterprise computer company and a consumer electronics company. For the fourth consecutive year, Compaq has sustained its first-place ranking in the worldwide PC industry.

In mid-1996, Pfeiffer set Compaq on a new course toward the most ambitious leadership goal in its history: to be one of the top three global computer companies by the year 2000. In 1997, Compaq acquired Tandem Computers, the unquestioned leader in NonStop transaction-intensive systems. In June 1998, Compaq completed the acquisition of Digital Equipment Corporation, a leader in delivering enterprise solutions and services and a pioneer in inter-networked computing. As a result of these acquisitions, Compaq became the second-largest computer company in the world and a global leader in enterprise computing solutions.

Before becoming CEO, Pfeiffer served as Compaq's Executive Vice President and Chief Operating Officer, responsible for all day-to-day operational functions such as worldwide sales, marketing, and manufacturing. Prior to that, he was President, Compaq Europe and International. After joining

Compaq in 1983 as Vice President, Europe, he established Compaq's presence and wholly owned subsidiaries throughout Europe, Asia, Australia, and Latin America.

Before joining Compaq, Pfeiffer spent 20 years with Texas Instruments, ultimately serving as Vice President of Corporate Marketing.

Pfeiffer is a member of the Board of Directors of General Motors Corporation, Hughes Electronics Corporation, and Bell Atlantic Corporation, and serves on the Advisory Board of Deutsche Bank. He is a member of the Board of Trustees of Southern Methodist University and serves on the Executive Board of SMU's Cox School of Business. Additionally, Pfeiffer is a member of the Computer Systems Policy Project, an affiliation of CEOs of the top U.S. computer companies that advocates public policy positions on trade and technology affecting the computer industry and ultimately the U.S. He holds an MBA degree from Southern Methodist University in Dallas, Texas.

\*Includes Tandem

## Open Board Meeting

Do you have a specific question for the DECUS U.S. Chapter Board of Directors? If so, please stop by the Open Board Meeting and ask them directly. This important meeting is being held on Wednesday from 5:30 p.m. to 6:30 p.m. in **Room 151** of the *Convention Center*.

(An incorrect starting time for this meeting was accidentally published in the Weekend edition of *Update.Daily*.)

## New Time for Tuesday's WYLE Hospitality Suite

The Hospitality Suite being sponsored by WYLE Electronics tomorrow evening will be from 7:30 p.m. – 9:30 p.m. Further information will appear in Tuesday's edition of *Update.Daily*.

## 'DCL' for Windows NT/9x

Learn about:

- the advantages and benefits of command and scripting languages
- how to apply your DCL skills towards solving administrative and/or application development problems on Windows NT
- how to combine the best of ActiveX scripting with command level scripting

and more.... Join Joseph J. Affrunti from Advanced Systems Concepts, Inc., this afternoon (Monday) for session **NT148**, 'DCL' for Windows NT/9X, from 3:30 p.m. – 4:50 p.m. in **Room 512** in the *Convention Center*!

## Platinum Presentation, Platinum Hospitality

Be sure to attend our presentation, *Platinum Technology and System Management*, today (Monday) at 4:30 p.m. in **Room 503** in the *Convention Center*. The speaker is Deborah Goslin, Executive Vice President, Worldwide Business Development. (The presentation time and place were incorrectly reported in the Weekend edition of *Update.Daily*.)

Platinum Technology, Inc. is also hosting the Food and Beverage Monday from 5:00 p.m. – 8:00 p.m. on the Trade Show floor. While you're there, stop by PLATINUM (**Booth #119**) for a presentation on the following Platinum products:

- Platinum ProVision
- Platinum AutoSys
- Platinum ServerVision
- Platinum DBVision
- Platinum TSReorg.

See you tonight!



## Session Chair Prize Drawing

*Jenny Butler*

*Session Chair Coordinator*

You are entered into a prize drawing every time you chair a Session, fill out the Session Chair Form, and turn it in to the GIB (General Information Booth). For any **Monday** sessions that do not have a Session Chair assigned, the Session Chair form will be by the session room. Check the folder as you enter a session and chair that session! Complete the form and return it to the GIB before leaving the Convention Center Monday evening. All Session Chair forms turned in for Monday sessions will be placed into a drawing, to be held Tuesday morning at 9:00 a.m.

Forms for remaining sessions that still need a Session Chair will be on the bulletin board by the GIB. Forms for Tuesday sessions will be placed into a drawing on Wednesday morning at 9:00 a.m.; for Wednesday sessions, the drawing will be Thursday at 9:00 a.m. Forms for Thursday sessions must be turned in by 5:00 p.m. for a drawing at that time. Stop at the GIB to see the prizes that will be given for Session Chairs.

This is *your* Symposium – volunteer to make it *GREAT!*

## Looking at Linux, Part 2

(Continued from Weekend Edition)

*Phil Hughes*

### *How is Linux Different?*

One thing that differentiates Linux from many other operating systems is that it is free. That is, it can be copied and redistributed without having to pay a fee or royalty to anyone. But, there is more to the issue of Linux being free than price. Being licensed under the Free Software Foundation's General Public License means that the source code for Linux will continue to be available to anyone. The last five years of Linux development have shown that this freedom is important. It has resulted in an amazing level of involvement for thousands, possibly hundreds of thousands of people around the world.

This freedom has made it possible for hardware vendors to develop drivers for their particular devices without having to obtain an expensive source code license or sign restrictive non-disclosure agreements. It has made it possible for people needing a real-time operating system to slide a small real-time kernel under the Linux kernel. And it has made it possible for computer science students around the world to see the insides of a real, commercial-quality operating system.

### *What Is a Linux Distribution?*

While Linux itself is freely available on the Internet, various vendors have built what are called distributions. These distributions can be thought of as a packaged version of Linux. They include the Linux kernel, networking support, hundreds of utility programs, development software, a graphical interface and many graphics utilities, and much more. In addition, these distributions include some sort of installation software and optionally may include support.

Some distribution vendors make their complete distribution, including installation software, available free on the Internet. Others elect to make their installation software proprietary and sell the package with support for a nominal fee—generally under \$100.

This doesn't mean there is nothing left to buy or wish for, but it does mean that if, for example, you are a software developer there is not likely to be anything you need to buy in order to turn Linux into a reasonable development platform.

One of the more common things that people want to do is connect to the Internet. Everything you need to connect to the Internet is available for Linux for free. In fact, there is even free software available that will turn Linux into a first-class web server.

### *How Does Linux Compare to Other Operating Systems?*

Linux is based on the POSIX operating system standard, which was derived from Unix back when Unix was a product of Unix Software Laboratories. Today, Unix is a brand that is

available by passing a series of tests and paying a licensing fee. One Linux vendor, Caldera, is in the process of securing a Unix brand for their Linux product.

Unix is compatible with Linux at the system call level. This means that most programs written for either Unix or Linux can be recompiled to run on the other system with a minimum of work. While what is thought of as traditional Unix runs on more types of hardware than Linux, it pays the price of over 25 years of baggage to make this possible. That generally means that Linux will run faster than Unix on the same hardware. And Unix has the disadvantage that it is not free.

MS-DOS is, in some ways, like Linux. That is, it has a hierarchical file system. But it only runs in x86 based processors, does not support multiple users or multi-tasking, and is not free. It also has poor interoperability with other operating systems and does not include networking software, development programs, and many of the utility programs included with Linux.

MS-Windows offers some of the graphics capabilities of Linux and includes some networking capabilities but suffers all the other disadvantages of MS-DOS.

Windows NT is available for the Digital Alpha as well as x86 processors but suffers many of the disadvantages of MS Windows, has much less time in the field so that bugs can be worked out, and has a rather large price tag attached to it.

Apple's operating system for the Mac only runs on the Mac. It also suffers from a lack of development tools and less than smooth interoperability with other systems. (Note that Apple recently made Linux available for PowerMacs.)

### ***Where Did Linux Come From?***

First, and possibly most important, Linux has its roots on the Internet. While Linus Torvalds, a student at the University of Helsinki, was the individual who started the work, development expanded to include a very diverse group of people. This diversity includes knowledge and experience but it also includes geography and spans virtually all of the earth's surface. In order for this group to work together, they needed a quick and efficient way to communicate. The Internet was that tool and, as Linux was the system of choice for these people, it meant that the necessary tools to use the Internet appeared in Linux early on. Those tools continue to evolve and be honed as Linux development continues.

While the Linux kernel was an independent development effort, many of the applications have been culled from the best available software. For example, the C compiler is gcc from the Free Software Foundation's GNU project. This compiler is commonly used by people using Hewlett-Packard's HP/UX and Sun Microsystems' Solaris operating systems.

### ***What Does Linux Come With?***

The short answer is everything. That is, everything you would expect to be included with an operating system and more. Each Linux distribution includes hundreds of packages offering a full and rich set of utilities, connectivity tools, and a development environment.

Here is a short list to give you the general idea.

- development software, including compilers, assemblers, and debuggers
- text editors and text formatting programs
- Usenet news readers and e-mail agents
- World Wide Web development tools, web servers, and browsers
- graphical windowing system
- graphics creation and manipulation tools.

When told that Linux has most everything you need, people tend to try to come up with something obscure or something they don't really want just to test the limits. For example, you might say you needed an Ada compiler for Linux. Well, the answer is, yes; there is an Ada compiler included with Linux.

Let's look at an example of where Linux could be used and what is needed to make it fit. The example I am thinking of is a small Internet service provider. Note that I chose a small ISP to simplify the example, not because Linux isn't further capable.

To offer this sort of service you need:

- Internet connectivity
- multi-port dial-up service
- PPP and possibly SLIP connectivity
- Usenet news
- Mail routing
- Web server
- online backups.

Most of these capabilities are inherent in Linux. The remaining ones come with the hardware needed to support the capability.

For example, multi-port dial-up service is supported with serial communications products from Control, Cyclades, Digi, Equinox, Gtek, Maxpeed, and others. Or, if you want to try an external option, terminal servers work fine with Linux. One local ISP uses the Cyclades option and another uses Livingston PortMasters connected to the Linux hosts over Ethernet.

PPP and SLIP are integral parts of Linux. Their support and the number of channels supported are configuration options when you build the Linux kernel. Besides regular Unix login/password security, support for PAP and CHAP are included.

Usenet news and Internet mail are also included. The software to support news includes the standard systems available

*(Continued on next page)*

## Linux

(Continued from Page 5)

on Unix platforms. INN seems to be the most popular. Mail is handled by sendmail for most systems. While not as capable, smail is also available and may be a better fit for low-end configurations.

Various web servers are included with Linux. A 486-based system with 16MB of RAM, Linux, and the Apache web server can easily handle 100,000 hits/day. For those needing a secure web server, they are not free but are available.

Finally, let me talk about backups. To be a respected ISP you need to offer 24/7 service and you can't lose your customer's data. After all, that is what they are paying for. Linux includes the standard Unix utilities to do backups (tar, cpio and backup/restore). There are also commercial products offering additional capabilities.

What this doesn't mean is that Linux comes with every application that you need to run your office or your entire business. But, while it may not be included, it may be available. For example, databases, word processors, spreadsheets, and sophisticated graphics programs are available for Linux. You will see names like Applix, Corel, and Empress in the Linux camp.

### Who Uses Linux?

A recent survey conducted by iX, a Unix and networking magazine based in Germany, showed some startling results. Linux is used at work by 45% of the readers. Sun Microsystems' Solaris 1 and 2 taken together come second with 36%, followed by Hewlett-Packard's HP-UX with 27%. 56% of companies with less than 50 employees use Linux whereas it is used by 38% of firms with more than 1,000 employees. In addition, 60% of the readers use Linux on their computers at home.

Other places where Linux has significant market penetration are in web servers and as the operating system of choice in universities. Also, a lot of individuals who have realized they need to learn about Unix for career advancement have decided to use Linux on their home computer as a training tool.

Linux is also becoming popular in embedded and turnkey applications including Internet firewalls, routers and Point of Sale (POS) systems. SSC, publisher of Linux Journal, has been using a Linux-based Raster Image Processor (RIP) since July 1996.

### Give Linux a Try

If you have read this far, you must have some serious interest. Give Linux a try. You can download a copy off the Internet or purchase an inexpensive CD set to get yourself going. Or, if you are in the market for a new computer system, there are hardware vendors that will ship you a Linux based system. I

think you will find that Linux is a first-rate operating system with capabilities even beyond what you expect from more expensive products.

### Article reprinted by permission.

*Looking at Linux* is a column written by Phil Hughes, publisher of *Linux Journal*, the Monthly Magazine of the Linux Community.

For more information on Linux, check out the Linux Resources Page at <http://www.linuxresources.com/>.

## EasiRun USA to Launch Proven Legacy Migration and Y2K Solutions for DIGITAL Platform at DECUS

EasiRun USA, Inc., a COBOL specialist providing Year 2000, legacy migration, and open systems total solutions, will be announcing the availability of FlexGen RAD for DIGITAL, as well as Y2K and migration services for DIGITAL users at DECUS '98/Los Angeles. Since 1985, EasiRun has worked with more than 5,000 organizations on all six continents, including AT&T, Black & Decker, Caterpillar, Chevron, Coca Cola, Hitachi and Motorola. Specializing in completely modernized COBOL solutions, EasiRun provides a path to open systems technology and enhanced programmer productivity. EasiRun is able to provide its services, in most instances, on a fixed-price basis. In addition to providing consulting and project management services, EasiRun develops and markets FlexGen, a comprehensive COBOL migration tool and Rapid Application Development workbench.

Stop by **Booth #112** for more information on EasiRun's full range of products and services.

## Sorry – No Visual Basic CBT

Due to circumstances beyond our control, the Visual Basic CBT software did not make it out to Los Angeles, so it will not be available in the DataCenter as announced. We apologize for this inconvenience, but hope you'll still stop by to play with some of our other online software.

## Birds-of-a-Feather Sessions

*All BOFs are held in Room 516 in the Convention Center..*

### LUG Support Working Group

**Chairs:** Michelle Popejoy, Barb Nicholson  
**Monday 1:00 p.m. – 3:00 p.m.**

DECUS is documenting the requirements for supporting Local User Groups (LUGs). Come give your input on the draft documents.

### Low-End and Mid-Range AlphaServer

**Chair:** Mary Anne Halligan  
 Mid-Range AlphaServer Product Line  
 Manager, Compaq  
**Tuesday 2:00 p.m. – 3:00 p.m.**

This BoF provides an informal and interactive opportunity to discuss whatever issues are on your mind concerning your AlphaServer 800, 1000, 2100, and 4x00 systems – whatever you want to discuss.

### LUG Q&A

**Chairs:** David Gudewicz  
 LUG Advice Panel  
**Tuesday 3:00 p.m. – 4:00 p.m.**

Wondering how to stay involved in DECUS between national events? DECUS Local User Groups (LUGs) meet throughout the year! Come meet with current LUG leadership volunteers and find out how to become involved in your Local User Group, how to start a new LUG, or how to become involved in LUG Leadership.

### Enterprise AlphaServer

**Chair:** Sean Reilly  
 AlphaServer Principal Engineer, Compaq  
**Wednesday 2:00 p.m. – 3:00 p.m.**

This BoF provides an informal and interactive opportunity to discuss whatever issues are on your mind concerning your AlphaServer 8200 and 8400 systems – whatever you want to discuss. Previous discussions have included upgrades, options, shipping, installation, website, documentation, packaging, futures, support, and more.

### LUG Futures

**Chairs:** Michelle Popejoy  
 LUG Advice Panel  
**Wednesday 3:00 p.m. – 4:00 p.m.**

LUGs have been running various events in the local areas, as well as national programs for the LUGs. Over the past year the LUG Advice Panel and various LUG volunteers have coordinated such activities as the LUG Attendance Program, updating of the DECUS website LUG pages, and coordinating LUG-sponsored events at DECUS/LA'98. Take this opportunity to come and discuss what LUGs should be doing next.

### Linux and Compaq

**Chairs:** Jon “maddog” Hall  
 Senior Leader, Compaq Computer Corporation  
**Wednesday 5:00 p.m. – 6:00 p.m. NEW**

This BOF will discuss the recent decision by Compaq Computer Corporation to continue and extend the support of the Linux Operating System initiated by Digital Equipment Corporation.

## IMPORTANT NOTICE!

The BOF Room assignment has been changed. All BOFs are now being held in

**Room 509B**

**in the Convention Center.**

Sessions-at-a-Glance for Monday, October 5, 1998

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Rooms	8:00 8:30	8:30 9:00	9:00 9:30	9:30 10:00	10:00 10:30	10:30 11:00	11:00 11:30	11:30 12:00	12:00 12:30	12:30 1:00
Room 515 <sup>A/B</sup>							<i>KEYNOTE</i> Compaq Strategic Vision  OP105			
Room 501A				<i>EDUCATION</i> Compaq in Education  GT110						
Room 501B										
Room 501C	<i>DESIGN STRATEGIES</i> Shared, Switched, Ethernet, Fast Ethernet — Can I Get There From Here? NE102			<i>NETWORKS</i> Gigabit Ethernet and Legacy System Integration  NE104						
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Petree Hall C	<i>MISCELLANEOUS</i> Build Your Own Web Page, Let the LUGs Show You How  IA101									
Rooms	8:00 8:30	8:30 9:00	9:00 9:30	9:30 10:00	10:00 10:30	10:30 11:00	11:00 11:30	11:30 12:00	12:00 12:30	12:30 1:00

**LUNCH -- HALL A -- VISIT THE TRADE SHOW!**

**Monday's Menu**  
Mimosa Salad  
Turkey  
Scallopini  
Dessert  
Coffee, Tea, Decaf

# Sessions-at-a-Glance for Monday, October 5, 1998

1:00 1:30	1:30 2:00	2:00 2:30	2:30 3:00	3:00 3:30	3:30 4:00	4:00 4:30	4:30 5:00	5:00 5:30	5:30 6:00	6:00 6:30	Rooms	
<b>FEATURED PRESENTATION</b>											Room 515 <sup>A/B</sup>	
Microsoft Windows NT in the Enterprise CL101												
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Configuring and Tuning the Internet News Network Server on DIGITAL UNIX UN101				DIGITAL's UNIX Performance Manager UN102								
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MONDAY

## WYLE Electronics Announces Leading Industry Partner Participation at DECUS '98!

What business problems can Alpha solve? Why is speed important? What about reliability, availability, scalability, and headroom? Tired of all the "speeds and feeds"? Tired of hearing how a fast benchmark number will solve all your business problems? How about solutions? Isn't it time to see world-class business applications combined with world-class products and services and see how the combination can help your business be more productive and more competitive?

WYLE Electronics, a leading international distributor and value-added solutions provider, is pleased to announce that DECUS '98 attendees will be able to see *solutions in action*. In **Booth #627**, we have assembled a world-class portfolio of technology leaders who are helping company's solve business problems today! Partners such as...

- MCI-WorldCom**  
 Whether your needs are local, national, or global, the recent merger of MCI and WorldCom has produced a telecom powerhouse able to provide customers an unparalleled offering of "transport" solutions across your Enterprise. Stop by the booth to see and discuss MCI WorldCom On-Net For Business and business solutions from MCI WorldCom's Business Markets division.
- Lotus Development Corporation**  
 In today's fast-changing global markets, success is no longer tied to the traditional inputs of labor, capital, or land. The new critical resource is inside the heads of employees: knowledge. What a Company knows – and how it leverages that knowledge – has never been more essential for success. Suddenly, it seems, everyone is talking about "knowledge management." Stop by our booth to see how Lotus Notes enables critical knowledge management solutions. Notes provides a single infrastructure: a foundation on which a company can build, integrate, and link all of its knowledge management applications. Notes is the knowledge platform.
- Deloitte and Touche Consulting**  
 One of the world's top management consulting firms, providing services to transform your enterprise – your strategy, process, information technology, and people. We offer a very different approach, which effect very different results – results you can count on because you can trust performance improvements will not unravel once we leave.
- iLAN Systems Inc.**  
 There are numerous benefits in implementing a telecommuting program for your company. These include increased productivity, reduced commuter stress, and higher employee morale. Of course, there are

challenges as well, such as data transfer security, performance monitoring, and inter-personnel communications. iLAN address all of these issues and concerns, and shows you how telecommuting can become an integral part of your company's future success.

- Centera Information Systems, Inc.**  
 Centera builds business to business E-Commerce solutions, including designing and implementing online sales channel strategies, complex build-to-order online stores, 1:1 e-touch marketing programs, and web-enabling supply chain management systems.
- [www.workstations.net](http://www.workstations.net)  
 This innovative and easy-to-use online store developed by Centera allows customers to configure and purchase workstations online. Customers can select a base workstation (servers are coming soon); configure the workstation with cache, memory, disk drives, graphics cards, graphics memory, and monitors; select software, and uplift warranties. They can then instantly calculate prices – with appropriate discounts for educational, governmental, or commercial users – and print out hardcopy quotations. [www.workstations.net](http://www.workstations.net) is a complete online channel that can raise awareness, attract customers, originate orders, track delivery, and continue to market to these customers.
- Sand Technology Systems International, Inc.**  
 Sand Technology provides high performance, scaleable software solutions for data mining, data marts, data warehouses, and online analytical processing (OLAP). Sand's product suite, The Nucleus Series, brings patented technology to the business user allowing for more timely and accurate decision processing within the disconnected client, desktop, workgroup, departmental and enterprise computing environments. Stop by the **Booth #627** to learn how Sand can help your Enterprise be more successful.

## New from Networking Dynamics

Do you hate having users staying late "when the system isn't so busy?" Are your users changing their working habits – saving work until the system is not so slow? These are symptoms of slow I/O performance. You need DiskXcel – the next generation in I/O acceleration technology! DiskXcel is the latest and newest generation of I/O accelerators. It allows the system manager to raise system performance to fully take advantage of the full CPUs he has and boost system performance. Supercharge your system performance and transform your disk I/O bottlenecks into superhighways. Use DiskXcel! Visit Networking Dynamics at **Booth 307** to hear more about it.

## Improve Software Performance with CP

Complementary Systems, Incorporated is introducing Complementary Processing (CP) at DECUS '98/Los Angeles. It had previously been restricted to the US Navy environment. With CP:

- All processes are faster, smaller, simpler, and less expensive.
- CP can improve your performance up to 500 times – 50,000%.
- The software is completely predictable.
- Software Priorities and Schedules are user-configurable.
- All applications operate in hard real time (RT).
- All processes operate concurrently. The system has two major processes that operate concurrently: RT dynamic data processing and RT User Data Access.

CP is a completely new software architecture with a much-improved performance. The system was developed for a Critical-Time/Real-Time Database (CRDB) Management System. The system will operate with any Application Program that has been configured for CP. The system is simpler, smaller, faster, and less expensive. Software performance can now have a positive trend instead of a negative trend.

To learn more about Complementary Processing, stop by to see CSI in **Booth #531** – the ASAP Pavilion.

## UltraBac for NT version 5.0

BEI Corporation releases *UltraBac for NT version 5.0*, a fully Year-2000 -compliant backup program for Microsoft's Windows NT. Written entirely in C and C++, this program is built on a 32-bit foundation.

The majority of UltraBac customers implement both standard file-by-file backup and special image backups for fast simple disaster recovery of failed NT servers and workstations. The Disaster Recovery functionality can be purchased as a stand-alone product or as an integrated option to UltraBac. When integrated with UltraBac, file and image backups can be scheduled to the same media. UltraBac also provides for individual file restoration from a disaster recovery/image backup.

*UltraBac 5.0* also supports archiving, SMTP Email notification, and restore of "in-use" files. Optional agents are available for Microsoft's Exchange and SQL. Upcoming agents include Novell's NetWare, Lotus Notes, and Oracle.

For more information about BEI Corporation or *UltraBac 5.0*, visit us in the Microsoft Pavilion, **Booth #619**.

## iLAN Systems Inc. Announces Special Book Signing/Giveaway for DECUS 98 Attendees!

iLAN Systems is pleased to announce that Tom Reynolds, President of iLAN Systems, will be signing copies of his book, *Cyberlane Commuter*, at Wyle Electronics, **Booth #627**, during the following times:

**Monday – Wednesday 12:00 noon – 2:00 p.m.**  
**Monday – Tuesday 6:00 p.m. – 7:30 p.m.**

Mr. Reynolds worked for Digital Equipment Corporation for 10 years. In 1993, he left to start his own network support services company, iLAN Systems, Inc. The company has no formal office location and is truly a virtual company, with technicians, managers, bookkeepers, and sales staff all working from home-based and remote-office locations.

Mr. Reynolds will also be presenting:

**NE115** (*Telecommuting Logistics for Home-Based Employees*), Tuesday, 2:00 p.m., Room 511C

**IN118** (*Using Process Flow and IIS for Internet Commerce*), Wednesday, 2:00 p.m., Room 511C.

## What They *Didn't* Teach You About ERP Implementation

This presentation focuses on the enormous undertaking and complexity involved with migrating to an Enterprise Resource Planning (ERP) system. It emphasizes the reality that many corporations fail to plan sufficiently for post implementation and management of their ERP system. Failure to plan can result in the IT staff managing business-critical client/server applications without the basic management tools that would be considered essential on the host. The intent of the presentation is to heighten the audience's awareness of the limitations of ERP scheduling utilities. For more information, plan to attend *Optimizing Your Client/Server Environment* today at 5:00 p.m. in Room A on the Trade Show floor.

## Automated Job Scheduling for NT is Here!

Come visit us in the **Technology Center** and the Trade Show for a demo of Digital Visual Batch. Digital Batch provides enterprise level, drop-and-drag job scheduling and monitoring capabilities. Set up your scheduling on your Windows NT system, and schedule and monitor jobs on your NT and UNIX systems.

## Upgrade Options for VAX Users

Nemonix, Inc., a Holliston, MA-based computer company, continues to provide upgrade options for VAX users. These upgrades include low-cost, high-performance enhancements for the VAX 3000 and 4000 series systems. These enhancements include:

- simple, in-cabinet CPU cache performance upgrades
- memory expansion modules that will take VAX systems with 128MB limitations all the way to 512MB
- Ultra-Wide SCSI Adapters
- 100Mb Ethernet Controllers
- QUAD DSSI Adapters.

As a Compaq business partner, Nemonix strives to bring added performance and support at low cost to the VAX install base as users manage the task of migrating to newer technologies. For more information about our products, stop by and see us in **Booth #531**.

## Java Deployment Platform on DIGITAL UNIX-Based Alpha Servers

Tower Technology Corporation announced today at DECUS '98/Los Angeles the availability of Tower's high-performance server-side Java deployment platform, TowerJ, on Compaq's DIGITAL UNIX-based AlphaServers.

TowerJ, a high-performance native Java deployment platform for server-side Java applications, creates optimized self-contained native executable from standard Java bytecode. This improves execution performance while preserving the platform-independent nature of Java, and enhances a company's ability to manage deployed enterprise Java applications while protecting intellectual properties.

Come visit us at **Booth #531** to learn more about how the TowerJ / DIGITAL UNIX platform can benefit your enterprise Java applications.

## Migrate to Windows NT with Sector7

Sector7's environment subsystem for Windows 9x/NT allows OpenVMS users to migrate their applications to a Windows-based platform. Users can now run industry-standard PC applications alongside their own OpenVMS applications.

Thousands of applications take advantage of the rich functionality provided by the OpenVMS system and run-time libraries. While it can be attractive to re-engineer an application to work in a native Windows NT environment, this can take considerable finance, resources, and – most importantly – time. Subject to the availability of the appropriate compilers/language processors, Sector7 offers a relatively seamless path that allows OpenVMS applications to be recompiled to run on Windows NT with a minimum of change.

Stop by to discuss the features and capabilities of Sector7 at the Compaq ASAP pavilion, **Booth #531**.

## Tektronix Measures up with Seagate Crystal Info and Compaq

Tektronix is a world leader in providing essential measurement tools that other companies need to build the technology advanced product used worldwide each day.

Seagate Crystal Info\* 6 is an enterprise reporting and analysis system that integrates reporting technology of Seagate Crystal Reports, enabling users to create richly formatted reports and securely share them throughout the enterprise via the desktop or their browser.

Tektronix is concerned about efficiency and improving cost effectiveness. When Tektronix made the move to provide its end users with direct access to information about its products, the company chose Seagate Crystal Info to do the job. Seagate Crystal Info is now used worldwide by over 500 Tektronix employees in various departments, including marketing, manufacturing, service, financials, and human resources. The system generates reports such as sales summaries order management, manufacturing quality, and data accuracy.

For more information, visit us in the Compaq ASAP pavilion, **Booth #531**.

## Information Builders and Compaq Announce Enhanced Relationship

Information Builders and Compaq Computer Corporation today announced an enhanced relationship through which Compaq will sell a Web-based data mart solution for OpenVMS (VAX or Alpha) or Windows NT (Intel or Alpha) based on Information Builders' SmartMart and WebFOCUS products. The Compaq offering is called the Web Data Mart Suite. The Web Data Mart Suite is a complete, scalable, single-vendor solution that provides all the tools to build, manage, and use a Web-based or client/server data mart. Included are tools for, data extraction, transformation and movement, reporting and analysis, Web access, and administration.

The architecture of the Compaq Web Data Mart suite includes Information Builders' award-winning EDA technology. This middleware product gives users the ability to access and join data located in more than 70 database structures (both legacy and relational) on more than 35 operating platforms, and works with all security systems and network architectures. Because the Web Data Mart suite is a complete, single-vendor solution, clients are assured all components are fully tested to work together. This leads to faster deployment and lowers the risk of having to piece together technologies from multiple vendors.

WebFOCUS offers reporting, analysis, and decision support on the Web. This unique facility generates reports in HTML for display on any standard Web browser, provides drill-down capability, creates ad hoc reports, and centralizes the scheduling and distribution of reports via the Web, e-mail, or printers.

Information Builders' SmartMart Data Warehousing Toolkit provides all the middleware tools, technology, and services to build, manage, and use data warehousing solutions to solve business problems and deliver quick ROI. SmartMart accesses all the data types and platforms supported by EDA, including all OpenVMS data types – RMS, DBMS, Rdb, etc.

Web Data Mart is available immediately on Compaq's OpenVMS and Windows NT system offerings.

To find out more about the Web Data Mart Suite, visit IBI at **Booth #111** in the Trade Show.

## PHOENIX: Expect Results

At the core of Pathlore's training solutions is the **PHOENIX for the Enterprise** family of products – software that helps enterprises develop, deliver, and administer computer-based training (CBT) across corporate networks, the Internet, and intranets. PHOENIX is based on Pathlore's unique enterprise-centric approach to CBT and distance learning. It incorporates primary training concepts that Pathlore has learned are critical to making training really work for enterprises.

PHOENIX delivers:

**Centralized Training Administration**, which means a single system for trainers, administrators, IT, and students, making it easier to handle large course curriculums.

**Centralized Course Creation** via relational databases, which allows trainers to use discrete "Learning Objects" to efficiently create, share and revise content and tailor it to meet an infinite variety of student needs.

**Computer Managed Instruction (CMI)** so trainers can match course delivery and presentation to meet specific students' needs and can access accurate, built-in performance reporting tools.

**Course Streaming** so diverse, widely dispersed organizations can easily distribute training materials to tens of thousands of students over corporate networks, the Internet and intranets.

**Open Standards Architecture** that gives enterprises a scalable and adaptable solution that exploits and incorporates emerging technologies such as multi-media, video, etc. PHOENIX can even deliver course content developed using competitive authoring tools.

**Measurable Results** through student pre- and post-testing and built-in reporting features that help trainers *prove* results and ROI.

Experience the power and flexibility of PHOENIX! To see a PHOENIX demo or to learn more about Pathlore, stop by **Booth #531**.

## Compaq STORAGEWORKS -- #1 Storage Vendor in the World!

- Compaq STORAGEWORKS Team invites you to visit **Booth #327**. See the new Compaq STORAGEWORKS Fibre Channel Solutions in action. STORAGEWORKS VARs will be demonstrating:
- Enterprise Storage Solutions for OVMS/UNIX
- Multi-Vendor Solutions
- NT Clustering.

## DIGITAL's Association of Software & Application Partners Program brings YOU Partner Power!

ASAP, the Association of Software & Application Partners, is the DIGITAL partner program that supports software companies who are developing on or porting to the Compaq DIGITAL ALPHA or x86NT platform. The program provides a range of hardware discounts, porting support and services, technical updates, software developer kits and ongoing communications – as well as a complete portfolio of 'go-to-market' programs to help members successfully market their products. The program recently marked its three-year milestone with over 12,000 native Alpha applications available.

Come visit the ASAP partners at the ASAP Partner Pavilion, **Booth # 529**, to see the strength of Partner Power! The following partners will be there and are looking forward to meeting you:

- Advanced Systems Concepts, Inc.
- Complementary Systems, Inc.
- CYRANO, Inc.
- Information Design, Inc.
- Legato Systems, Inc.
- Pathlore Software Corporation
- Power Center Software, LLC
- Systran Software, Inc.
- Nemonix Inc.
- Platform Computing Corporation
- Seagate Software
- Tower Technology Corporation.

To learn more about Compaq's new leadership partnering program, be sure to attend *World Wide ISV Providers (PD126)* Tuesday at 5:00 p.m. in **Room 511B** in the *Convention Center*, presented by ASAP's long-time director, Jack Mileski. The Tandem and Compaq partnering program managers will also be there.

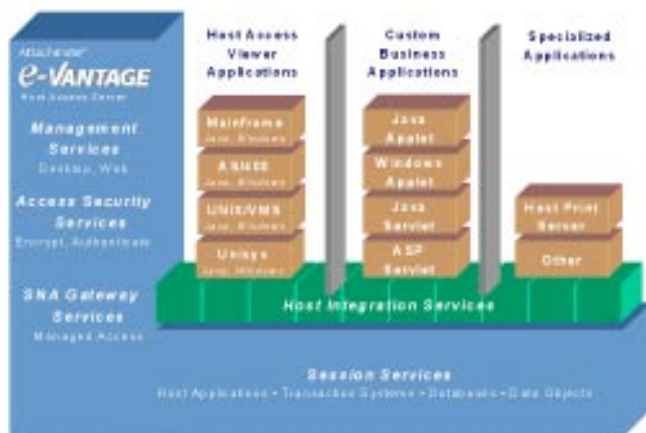
## 'e-business' and the Attachmate e-Vantage

The IT industry is witnessing the first rumblings of an e-business explosion. As many enterprises are already proving, conducting business over intranets, extranets, or the Internet yields large, hard-dollar gains and competitive advantages. Tying web technologies to business-sustaining systems – business logic and databases on host systems in particular – is a fundamental fact of electronic business. However, e-business also brings with it the potential for chaos.

As you exploit e-business opportunities that leverage host information and extend it to entirely new populations of users including remote employees, business partners, and customers, your systems will have to bear the brunt of volumes of new access requests. Many of these requests will come from unknown entities, underscoring security risks inherent in allowing access via the Internet. These dynamics are a recipe for exponentially increasing complexity, escalating costs, and a staggering demand for IT expertise already in short supply. As you evolve to e-business, it is critical to establish a management infrastructure to maintain control over access to host-based information assets.

Attachmate e-Vantage provides this important management infrastructure. The entire range of Attachmate e-Vantage e-business options is inherently manageable under comprehensive, integrated facilities. You get centralized control over every host connection — as well as every application that accesses host information – across the entire enterprise.

Attachmate e-Vantage is designed to address and manage the complexity e-business brings to host access. It establishes the necessary infrastructure for evolving to e-business. And e-Vantage doesn't restrict you to just one technology path: Whether it's the IBM host integration strategy, the Microsoft COM/Windows DNA model, or industry-wide Java/CORBA standards, Attachmate e-Vantage works with it all.



Organizations moving to e-business face challenges. Attachmate e-Vantage clears the evolution path by offering a number of viable options for overcoming those challenges. Its open architecture gives you the flexibility to rapidly adapt to changing business objectives and incorporate technology advances as needed or desired. A common technology foundation ensures that when your organization is ready to progress to the next step, much of what you'll need will already be in place, and the evolution path will be clear-cut.

To learn more about e-Vantage and the opportunities it presents, visit Attachmate at Booth #605. Enjoy DECUS '98/ Los Angeles ... and don't forget to pick up your free T-shirt when you sit in on our presentation!

## DHCP Upgrade: MultiNet and TCPware Prepare for IP Address Management Solution

Dynamic Host Configuration Protocol (DHCP) is an important tool that allows for the dynamic allocation of network addresses. It has become very useful in managing the growing demand for IP addresses due to increased Internet usage and the rising trend of traveling and mobile computing users. Although DHCP is not a stand-alone address management solution, it plays a critical role in the overall administration of IP addresses when it works in conjunction with a robust address management tool.

In order to help OpenVMS network managers prepare for the growing demand and management of IP addresses, Process Software Corporation's MultiNet and TCPware products are being developed with updated DHCP and DNS servers. The combination of the new DHCP and DNS servers will provide an easy implementation of IP AddressWorks – an upcoming IP address management solution from Process Software for OpenVMS and Windows NT, which is being previewed here at DECUS '98/Los Angeles. Stop by Process Software Corporation (**Booth #411**) for a preview demo of how IP AddressWorks will help centralize the management of your IP addresses.

## Microsoft Solution Provider Pavilion – Booth 619

Microsoft and ten solution providers will be showcasing Enterprise Solutions. Microsoft will be demonstrating Windows NT Workstation 4.0, as well as, Microsoft Office 2000. Be sure to stop by and get a FIRST look at what Office 2000 will offer. Following is a list of Microsoft Solution Providers who will be demonstrating solutions from mission critical applications that will solve your business needs.

### BEI Corporation

15015 Main Street, Suite 200  
Bellevue, WA 98007

Tel: 425-644-6000

Fax: 425-644-8222

<http://www.ultrabac.com>

ULTRABAC for Windows NT is the award winning backup software application from BEI Corporation. Features include: fastest backup software as tested in four magazine reviews; optional booth floppy based disaster recovery; service based scheduler; open "shared" file backup; backup output to disk or tape; and software compression. Optional modules include backup agent for Microsoft SQL server, Microsoft Exchange and Novell systems. UltraBac for Windows NT supports the Digital Alpha AXP and Intel x86 platforms.

### Heroix Corporation

120 Wells Avenue  
Newton, MA 02459

Tel: 800-229-6500

Fax: 617-527-6132

<http://www.robomon.com>

### *RoboMon & RoboCentral*

Leading in multi-platform systems management software, Heroix Corporation offers RoboMon® —the fastest, most reliable technology for detecting and correcting system, database, and application problems & RoboCentral for console management across Windows NT, UNIX, OpenVMS.

### Magic Software

1642 Kaiser Avenue  
Irvine, CA 92614

Tel: 949-250-1718

Fax: 949-250-7404

<http://www.magic-sw.com>

### The Tool of Choice for any Enterprise

Magic enables businesses to build mission-critical applications that solve quantifiable business problems and lets them gain competitive advantages in their respective markets. Magic Enterprise Edition V8 solidifies Magic's position as the tool of choice for enterprise-wide Rapid Application Development and Deployment (RADD), building on the functionality and power that established Magic as a benchmark for speed of development and productivity.

### New Dimension Software, Inc.

18551 Von Karman Street

Irvine, CA 92612

Tel: 949-757-4300

Fax: 949-756-3900

<http://www.ndsoft.com>

With over 15 years of experience, New Dimension Software is a premier developer of systems management applications for complex distributed environments. Core disciplines include: Enterprise Productions Management, Enterprise Output Management and Enterprise Security Administration. CONTROL-M is a native-Digital scheduler that offers an excellent alternative

for the Polycenter Job Scheduler application. Used in conjunction with offerings from BMC and Ki NETWORKS, an integrated solution set is available for all of your Polycenter replacement needs.

### Solomon Software / TexSYS RD Corporation

7700 Irvine Center, Suite 800

Irvine, CA 92618

Tel: 949-453-1205

Fax: 949-488-8979

<http://www.texsysrd.com>

### Trend Micro, Inc.

10101 North De Anza Boulevard

Cupertino, CA 95014

Tel: 408-257-1500

Fax: 408-257-2033

<http://www.antivirus.com>

Trend Micro, Inc. develops server-based anti-virus software for the enterprise that offers centralized control and intelligent scanning. Trend's solutions provide a powerful, multi-layered defense against viruses. Trend InterScan® VirusWall provides high-performance three-in-one real-time Internet gateway protection against viruses and malicious code in SMTP, HTTP and FTP traffic. The optional eManager adds spam blocking, content filtering, and e-mail scheduling to optimize bandwidth. Central management is handled through a web-based console, enabling administrators to enforce Internet security policy.

### Wyse Technology

3471 N. First Street

San Jose, CA 95134

Tel: 408-473-2008

Fax: 408-473-2401

<http://www.wyse.com>

(Continued on next page)

## Microsoft Solution Provider Pavilion

(Continued from previous page)

### ...and Any Environment

Magic Enterprise Edition is the only RADD tool for the enterprise, which offers a uniform paradigm and integrated development environment for Host, client/server and Internet/Intranet computing. Magic supports the development of secure Internet applications as an integrated extension of its proven n-tier client/server architecture.

### Uniform Paradigm for Client/Server and the Web

In one comprehensive environment and with one application development paradigm, Magic lets developers design applications for client/server and the Internet/Intranet. A single "skillset" lets developers leverage their existing experience and create vibrant applications for the Internet.

## Microsoft Corporation

1 Microsoft Way  
Redmond, WA 98052  
<http://www.microsoft.com>

### Microsoft Windows NT Workstation 4.0

Stop by the Microsoft booth to see how you can enhance productivity and reduce computing costs with Windows NT Workstation, the most powerful desktop operating system for business computing. Windows NT Workstation offers greater performance and combines the ease of use of Windows 95 with the reliability and security of Windows NT.

### Microsoft® Office 2000

Stop by Microsoft's booth to get a first look at what Office 2000 will offer Business Consumers. You will also see how the new web features in Office 2000 will help you streamline information sharing and collaboration and improve your ability to access and analyze important business data.

## Network Computing Devices, Inc.

350 North Bernardo Avenue  
Mt. View, CA 94043  
Tel: 650-919-2878  
Fax: 650-934-3057  
<http://www.ncd.com>

Founded in 1988, Network Computing Devices, Inc., is a leader in network computing. It provides thin client devices and software that delivers simultaneous, high-performance, easy-to-manage access to any application on an enterprise network from any desktop. The company's product lines include the NCD ThinSTAR Windows-based Terminal family, NCD Explora family of thin client desktop devices, NCD WinCenter Connect for UNIX access to multi-user Windows NT 4.0 server software, and the NCD PC-Xware network computing software for PCs. In March of 1998, Intel signed a three-year agreement with NCD to collaborate and produce Lean Client desktop devices.

## Accelr8 Technology Corporation Offers Free Products

Accelr8 Technology Corporation announced today the availability of free modernization products. The products available are:

Show Sys, a utility for NT  
a trial version of DCL for NT  
Ignition 2000, Accelr8's Year 2000 quick check utility.

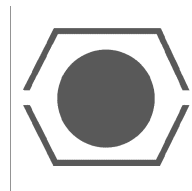
The Show Sys Utility is a Windows NT program that performs a function similar to the OpenVMS DCL **Show System** command. This command displays information about processes running on the system.

DCL for NT is a command line interpreter that can check system status, run existing command procedures, and build new commands with the efficiency of VMS systems.

Ignition 2000 is a language-independent tool that quickly identifies the level of date density, the number and type of files in a code set, and the number of lines of code within an application environment. Used as a stand-alone tool, it will provide an indication of date-related issues for assistance in determining the severity of the Year 2000 problem.

Accelr8 Technology Corporation's Year 2000 offering is the industry's premier Digital-focused, multiple-language solution. It provides IT users the same tool regardless of their respective code bases. The Navig8 2000 Toolset facilitates the Year 2000 solution from inventory through renovation for systems using BASIC, C, C++, COBOL, and Fortran. Accelr8 offers a full spectrum of systems modernization solutions including products, training, and consulting services.

For more information regarding Accelr8 and its products, please see us at **Booth #719**.



## In Appreciation

DECUS extends its thanks to all who have contributed to the success of this event:

American Power Conversion (APC)  
Computer Associates  
Oracle  
Platinum Technology  
Tivoli

... and Compaq Computer Corporation.

*Update.Daily* apologizes to APC for misstating its name in the Weekend edition.