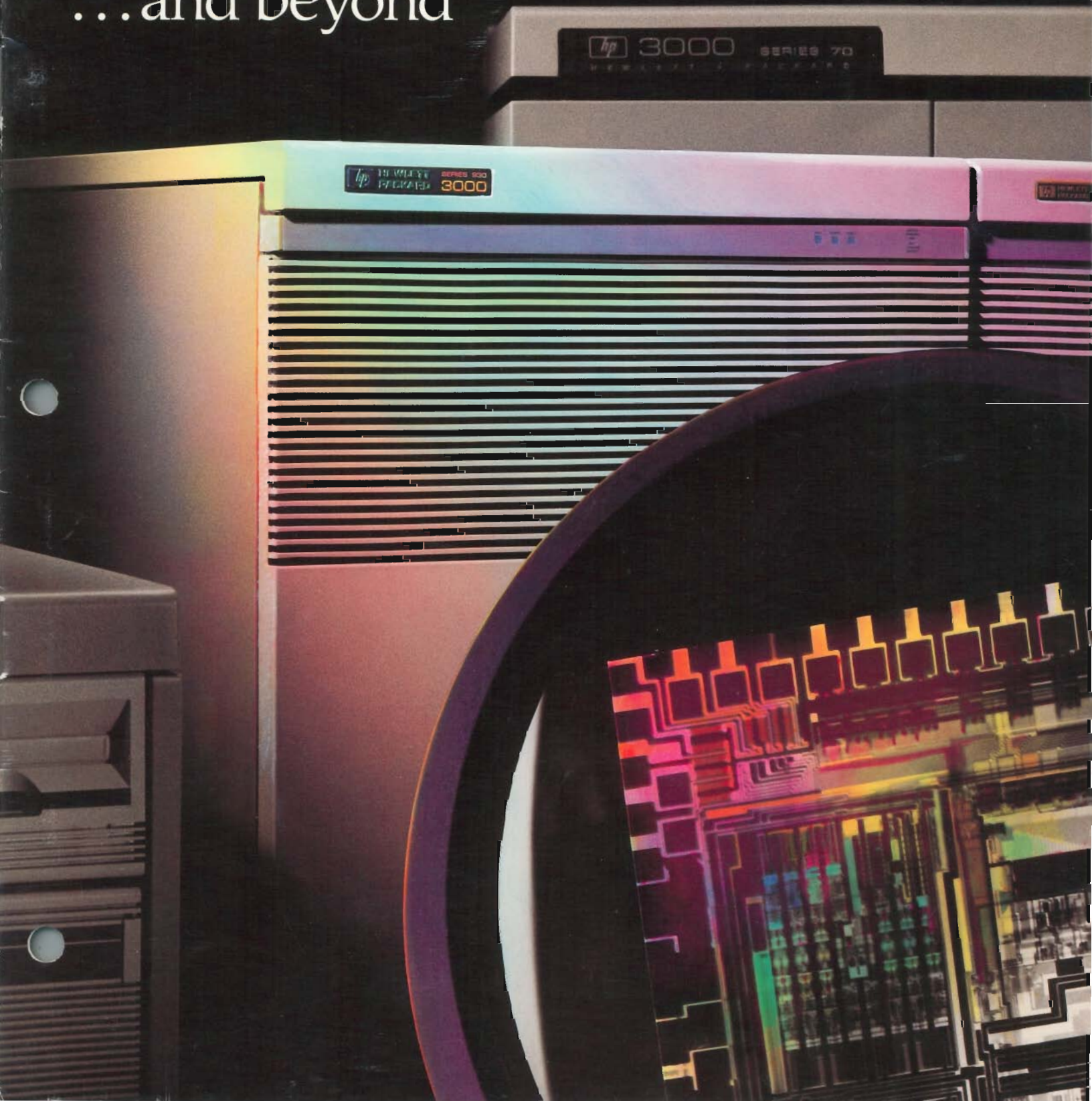


HEWLETT-PACKARD

The next generation
...and beyond



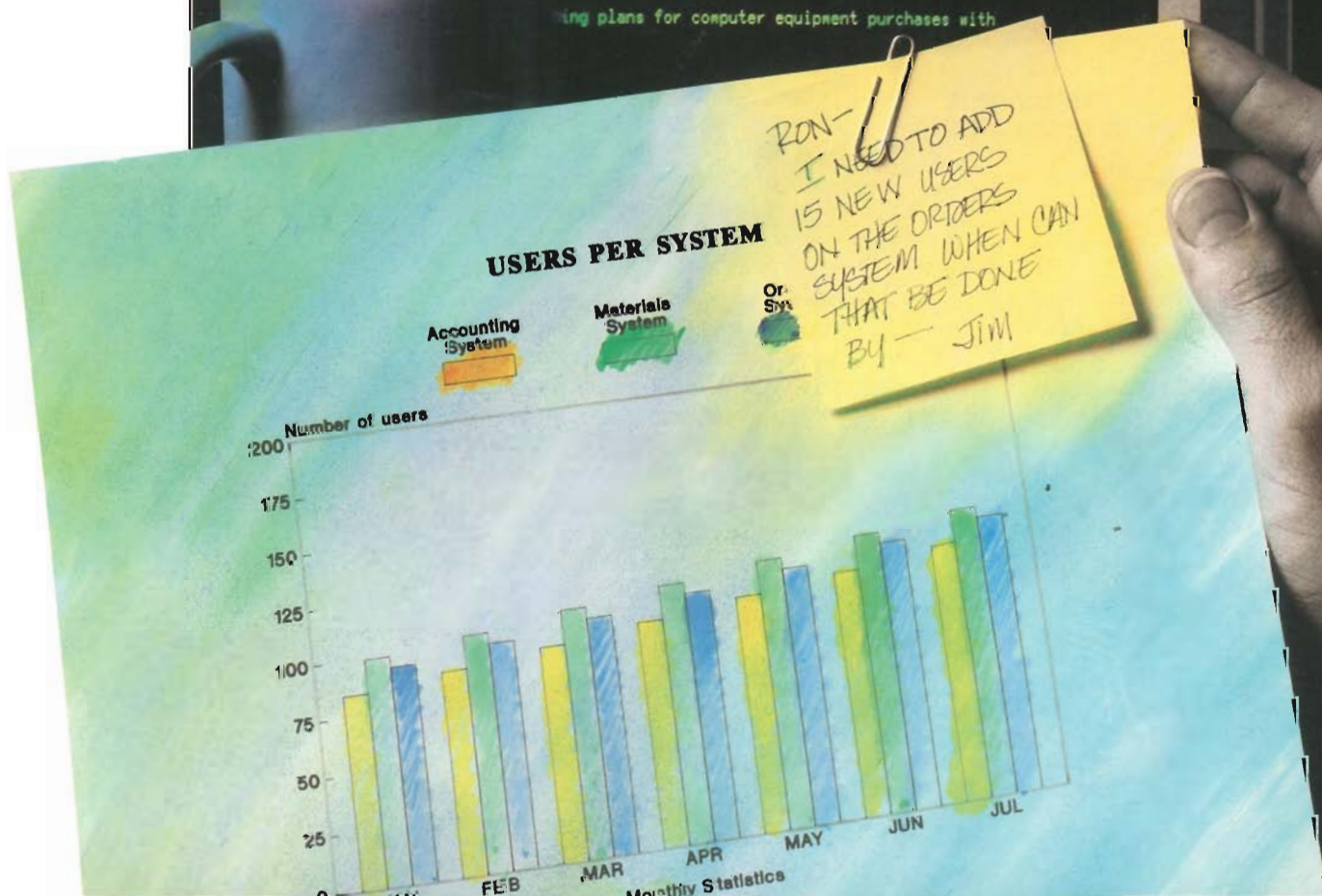
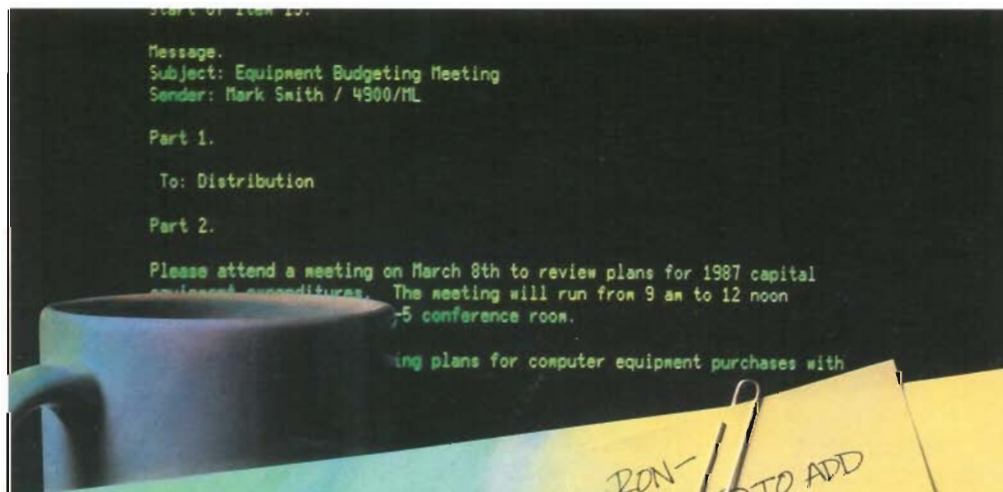
HP Computer Museum
www.hpmuseum.net

For research and education purposes only.

That's not unusual in today's highly competitive business environment. Increasing demands are being made on your company's computer systems. Requests are coming from throughout the organization. Departments. Divisions. Regional data centers. People are striving for greater productivity in their jobs and they're using more performance-intensive applications. There's a greater number of users than ever before,

requiring more and more information. Requiring additional processing power. Solving business problems is the goal. Reaching that goal can push your computer systems to their performance limits.

Feeling the pinch?



Hewlett-Packard gives you room to grow

What you need is a high performance business computer system. One that can handle the increasing information processing demands you face today. And one that will grow to meet the greater demands tomorrow will bring. You need an HP 3000 computer.

The HP 3000 family encompasses a range of systems. For as few as two users or as many as several hundred. They're designed for optimum performance in the complete spectrum of business application environments. The family includes the Series 37, which is ideal for first time users and smaller applications. Next step up is the Series 42 or Series 58. They offer increased processing power and terminal handling capability. And for even larger applications there's the Series 70, which gives you mainframe power at the price of a mini. Newest members of the HP 3000 family are the 900 Series systems.

With any HP 3000 system you're assured of a growth path. It's a basic design premise. Every HP 3000 is upgradable to our most powerful system.

900 Series: high technology, high performance

The new 900 Series begins with the Series 930, a system offering a 4.5 MIPS (millions of instructions per second) processor and up to 24 megabytes of main memory. The Series 950 has a 6.7 MIPS processor and up to 64 megabytes of main memory. Both systems take advantage of the HP 3000s proven features while employing advanced technology to extend performance to new, higher levels.

As members of the HP 3000 family, the 900 Series systems provide complete computer solutions to your business processing requirements. Off-the-shelf applications software programs from Hewlett-Packard and third parties save your organization the time and cost of in-house development. Then there's the HP Personal Productivity Center, combining the power of the 900 Series and other HP 3000s with the flexibility of personal computers to meet your office automation needs.

Better information management

Hewlett-Packard also provides a family of integrated information management products for your own application development. ALLBASE, our new 900 Series data base management system, combines both network and relational data access in a single product. Not two separate data base management systems. Just one, offering maximum productivity and performance when you need them. We've teamed our HPSQL and IMAGE interfaces, and we've provided a common data base for them to share. That makes ALLBASE an ideal candidate for any application.

Our new System Dictionary helps you manage system-wide information and resources. And a wide range of information reporting tools for programmers and end users makes it easy to access information quickly. Interactive program development tools, fourth generation and other programming languages, as well as system performance tools are available to help you develop and fine tune applications.

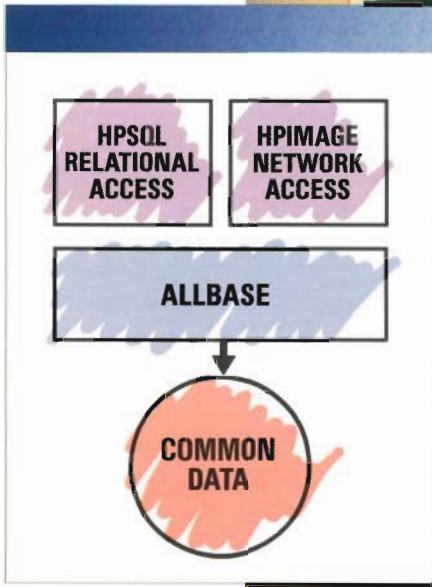
Tying everything together

Distributed information resources need to be tied together, and Hewlett-Packard offers a range of networking alternatives designed specifically for that purpose. HP AdvanceNet allows HP 3000 systems to communicate with workstations, other Hewlett-Packard computers, and mainframes. Our data communications strategy is implemented using industry standards (based on the ISO Reference model) and defacto standards, such as SNA.

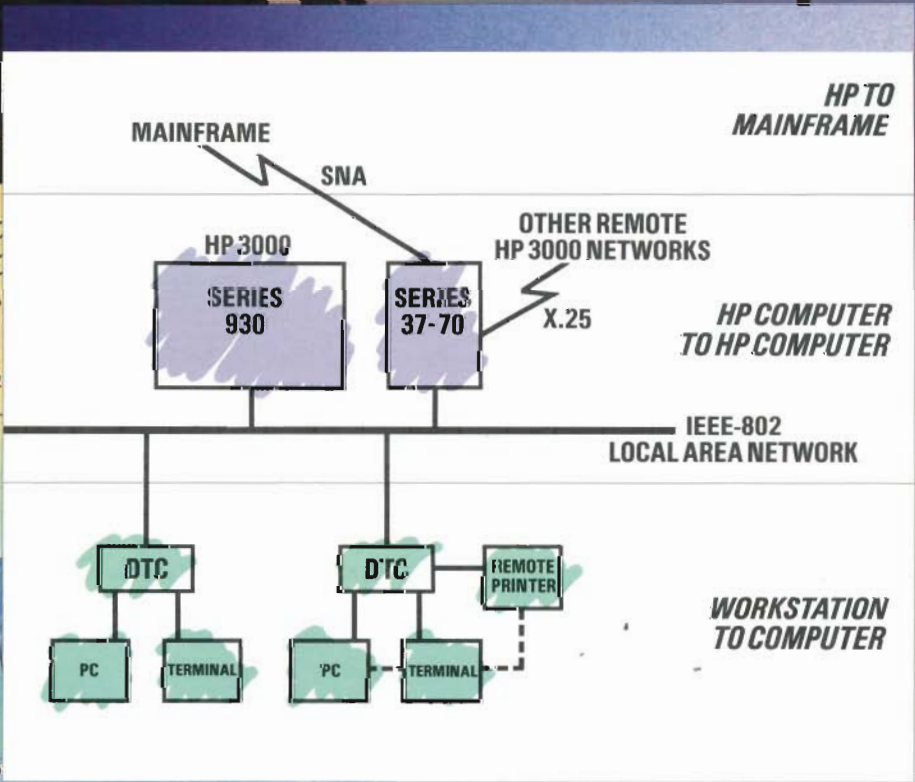
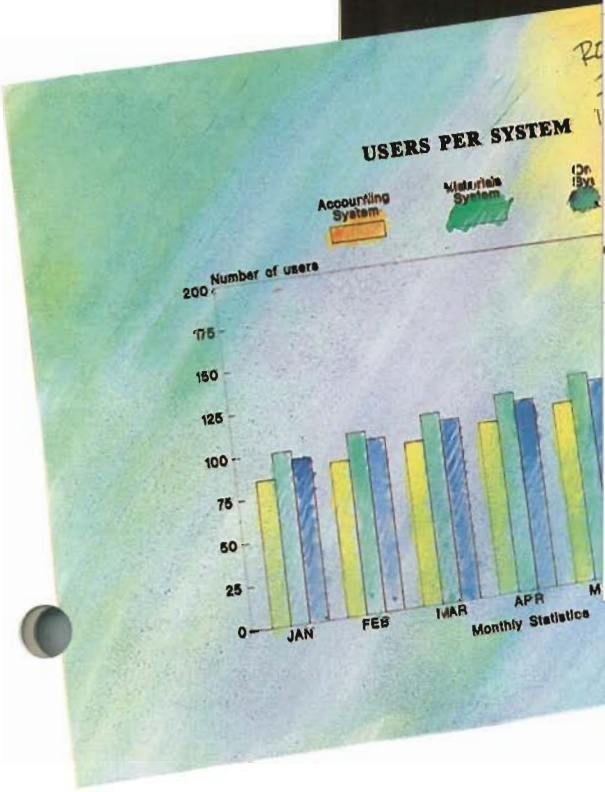
Tying a large number of users into one system shouldn't be costly, and with our new Distributed Terminal Controller (DTC) it's not. Each DTC connects to the Series 930 and Series 950 via an IEEE 802.3 local area network. Users can easily access files, data bases, and applications located on other HP 3000s throughout the network.

The HP 3000 Series 930 and Series 950 are truly total solutions, built on the foundation of quality people, as well as quality products. Hewlett-Packard people all over the world, committed to supporting our products. Committed to helping you achieve your goal of solving business problems.

With ALLBASE data base management system, a common set of data can be accessed through either a relational or network interface. That makes ALLBASE flexible enough to handle any application.



Meeting on March 8th to review plan
 The meeting will run from
 5 conference room.
 ing plans for computer equ



Complete networking capabilities tie HP 3000 systems to mainframes, other HP computers, HP or IBM personal computers, and workstations to create distributed networks.

Operating at peak performance

The advanced hardware design of the 900 Series accounts for only part of the systems' high level of performance. Adding to this foundation is a combination of a large memory address space, highly efficient I/O and memory management, and Hewlett-Packard's specialized operating system and data

base software. These parts have been designed to work together as one finely tuned system, offering the kind of performance large business computers need to operate efficiently.

All the address space you need

We've given the 900 Series an incomparably large address space. More than 200 trillion bytes of memory. That's about 64,000 times larger than that offered by systems with only 32-bit addressing. It's a big advantage if you're dealing with large application programs and data structures. You've got a smooth growth path for handling not only your present requirements for address space, but also those you'll encounter down the road.

A powerful operating system

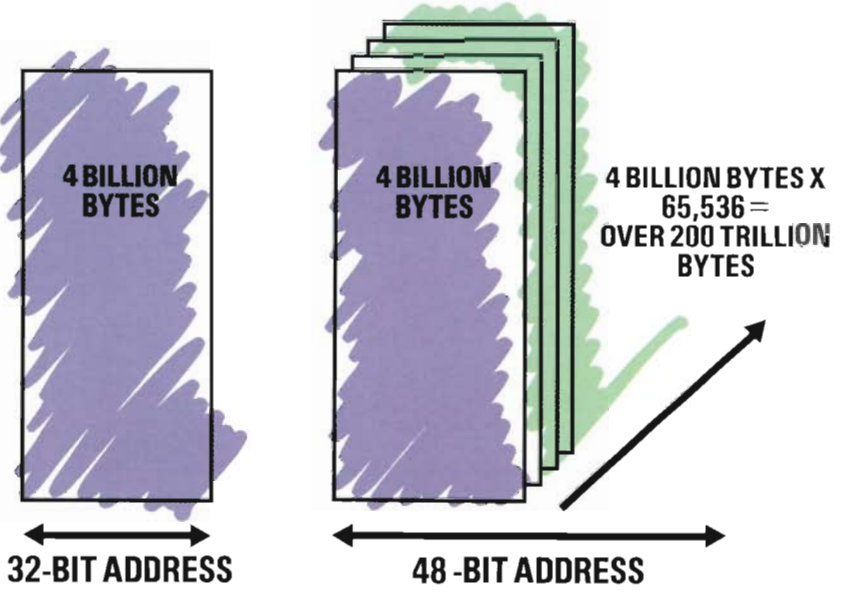
Our MPE XL operating system, a version of the HP 3000 MPE operating system, was developed specifically for the 900 Series. It offers performance for large business application environments. Multi-user, multi-tasking, and virtual memory capabilities allow simultaneous processing of multiple interactive sessions and batch jobs. And best of all, MPE XL provides the productive programming, operational, and end user environment that's always been a trademark of the HP 3000.

MPE XL utilizes the large address space of the 900 Series to increase performance in I/O intensive processing environments. The address space accommodates files as well as programs and data. This allows all types of information to be referenced directly by the operating system, eliminating the overhead associated with traditional operating system designs.

The 900 Series combined with MPE XL is ideally suited to on-line transaction processing environments. MPE XL offers automatic data locking and transaction logging capabilities. It will also recover transactions lost from system failures. Automatically. Without user intervention.

With MPE XL, a large number of users can access common data bases simultaneously. Only small portions of data being updated are locked, so a high degree of transaction concurrency is achieved. To take the performance level even higher, we integrated MPE XL with our new ALLBASE data base. Now, system functions for managing shared data are performed one time only.

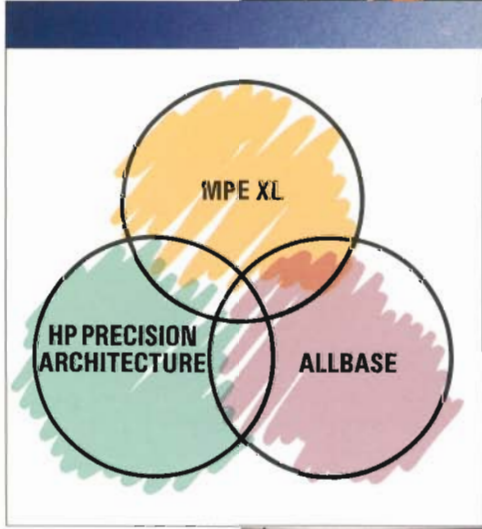
VIRTUAL ADDRESS SPACE



▶ *The 900 Series has greater than 64,000 times the address space of computers with 32-bit addressing. This offers expandability to meet evolving needs, even into the next century.*

▶ *Productive system management and use is made possible by MPE XL, which combines advanced features, high performance, and ease of use.*

▶ *The MPE XL operating system, ALLBASE, and the underlying system architecture work together closely to maximize overall system performance in 900 Series systems.*



Carrying on the family tradition

The new 900 Series computers offer some revolutionary technological advancements, but at heart they're still HP 3000s, carrying on our family tradition. Built on a strategy designed to protect your investment as you grow. Applying new technology to increase performance, while still maintaining a compatible growth path from previous systems. Programs written for the earliest

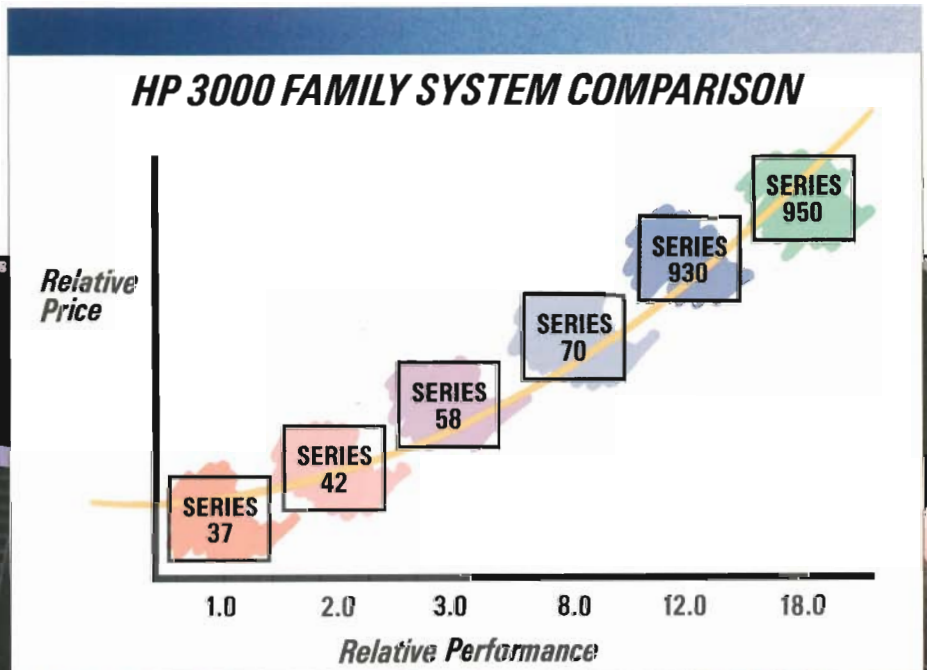
HP 3000s can run on the Series 930 and the Series 950 without modification. And simply by recompiling applications, owners of other HP 3000 systems can take advantage of the

additional performance and advanced capabilities of the 900 Series.

So, whether you need the performance capabilities of our low-end Series 37, our mid-range Series 42 or Series 58, or the powerful Series 70, you are assured a compatible growth path to the 900 Series as your requirements expand.

To find out more about the new 900 Series and the HP 3000 system that's right for you, please contact our nearest sales office.

Continuing the HP 3000 family tradition, the 900 Series provides a compatible growth path for other members of the family.



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An all-business approach
to business computer software.

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