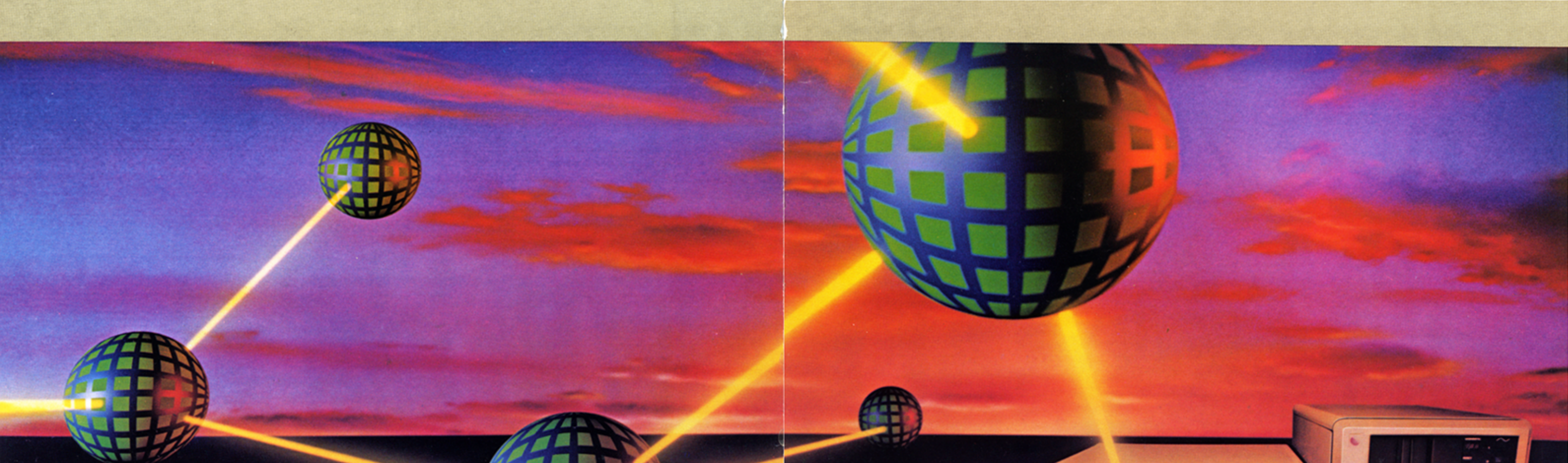




PERQ Systems
Introduces A New Network
That Puts More Power
In Your Hands.



The New LINQ™ Network From PERQ Systems.

A High Performance Network That Puts More Graphics,
Microprogrammability And Communications Power In Your Hands.

Back in 1980, we pioneered a new concept in computing.

It was simply this: if you give technical professionals enough computing power to solve even the toughest design problems; and you put that power at their desks so it doesn't have to be shared; and you add superb graphics; and you make it easy to use, you'll have incredibly productive people.

That's what we had in mind when we created the first PERQ™ Graphics Workstation. The fact that it quickly became the standard for the industry told us we were on to something.

Today, the same concept is about to set a new standard in networking.

The LINQ Network: The Next Logical Step

LINQ unleashes the power of PERQ Graphics Workstations into a distributed local area network. The sum becomes greater than its parts. Because it lets technical professionals communicate. Transmit. Share data bases and expensive peripherals like laser printers. Even connect with other Ethernet™ supported systems.

Power to Print and Design

LINQ makes the PERQ Work-

station unparalleled for electronic publishing, engineering design, or any application that requires the visualization of information by groups of professionals.

In electronic publishing, LINQ brings together writers, art directors, editors, and typesetters to create text and graphics with incredible speed, quality and accuracy.

LINQ connects design engineers, draftsmen, project managers, mainframes, laser printers, plotters and digitizers into an incredibly productive network.

LINQ lets artificial intelligence researchers efficiently share informa-

tion and project data on expert systems, robotics design, language development, speech recognition, and other AI applications.

ACCENT™:

The Operating System for LINQ

ACCENT is the operating system for the PERQ family of networked products. It transforms a group of individual graphics workstations and other resources into a unified network—LINQ. It is the most advanced network operating system conceived from the start to enhance productivity with high performance workstations.

It provides you with:

- multiple processes,
- a large, paged virtual memory,
- message-based interprocess communication,
- unequalled network transparency,
- powerful window manager.

PERQ Systems: A Powerful New Resource

Some things have changed since 1980. Our name is new. Our facilities are new. But we still believe in this simple idea: if you give professionals enough power, great things can happen.

So put the power of PERQ Systems to work for you. For more information on the LINQ Network, write PERQ Systems Corporation, 2600 Liberty Avenue, PO Box 2600, Pittsburgh, PA 15230, or phone 412-355-0900. Outside Pennsylvania, call 800-222-4489.

Now the power is in your hands.



PERQ Systems Corporation

PERQ puts the power in your hands.

Put The Power Of PERQ To Work For You.

USER

ACCENT WINDOW MANAGER

- Fully supports covered window paradigm
- Icons for window control and process status
- Up to 64 simultaneous windows
- Windows can be on local machine or on another machine on the network
- Progress bars in both the icon and window title

ACCENT ENVIRONMENT

- Client-server paradigm
- Consistent user interface
- Screen oriented editor
- Over 100 utilities
- Integrated on-line HELP facility

QNIX™ ENVIRONMENT

- Complete UNIX™ System V environment, licensed from AT&T
- Provides System V system calls
- Over 150 utilities
- Use of the network is transparent
- Standard UNIX Shell

LISP ENVIRONMENT

- Full Common Lisp implementation
- Compiler and interpreter
- Screen editor based on EMACS and extensible in Lisp

ACCENT KERNEL

- Message based interprocess communication
- Multiprocess 32 bit virtual address space
- Demand paging
- Priority scheduling with pre-emption and aging

WORKSTATION

- Bit-sliced, microprogrammable processor with Writable Control Store
- One to two Mbytes of main memory
- 100 dots per inch high resolution display
- Display refreshed 60Hz directly from main memory
- 5¼" integral winchester disk, up to 288 Mbytes
- Integral Ethernet controller



PERQ Systems
Corporation