

## SCALDsystem IV Specifications

Microprocessor	68010
Memory	2 Mbyte RAM std.
Operating System	UNIX 4.2 BSD
Virtual Memory	3 Mbytes per process
Hard Disk	20 Mbytes
Graphics	Full Bit-mapped 720 x 560, mouse
Functions	All SCALD Tools— Schematic Capture, Logic Simulation, Timing Verification Realchip, Realfast
Network	Omninet™/Ethernet™

*Seeing is believing.* If you'd like a demonstration of Valid's SCALDsystem IV CAE workstation, there are systems in Valid offices throughout the United States, Canada and Europe. Or, to reach your nearest Valid representative, simply call us Toll Free at 1-800-821-9441.



**Quality by Design**

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**BIG SYSTEM  
PERFORMANCE  
IN A DESKTOP  
CAE  
WORKSTATION.**

**THE VALID  
ANSWER:  
SCALDsystem™ IV.**

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# QUALITY BOARD, GATE ARRAY OR IC DESIGN IN A DESKTOP CAE WORKSTATION.

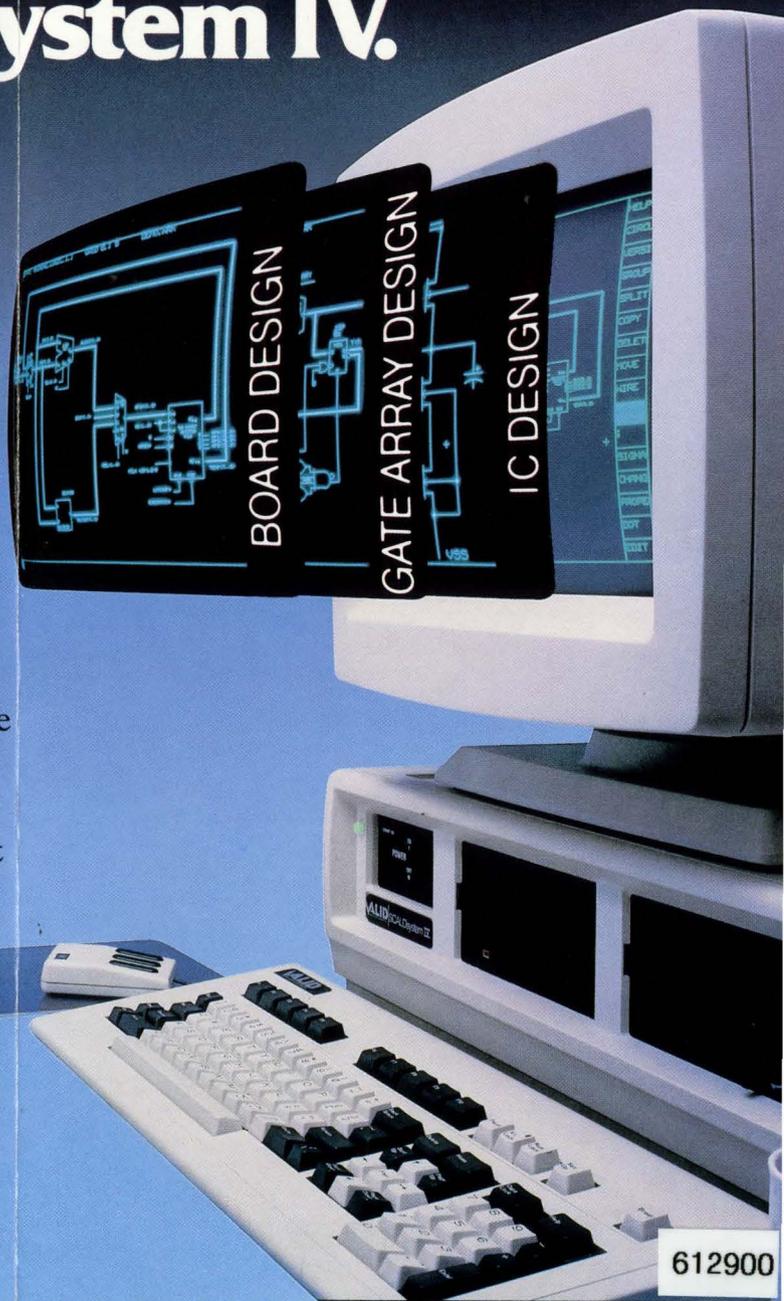
## VALID SCALDsystem™ IV.

One engineer. One workstation. Hiring more engineers is an expensive way to get more engineering. The real objective is to make each engineer more productive. Offering each engineer his own workstation results in improved design schedules, less bottlenecks and higher quality work. That's the philosophy behind Valid's SCALDsystem, and the SCALDsystem IV desktop workstation.

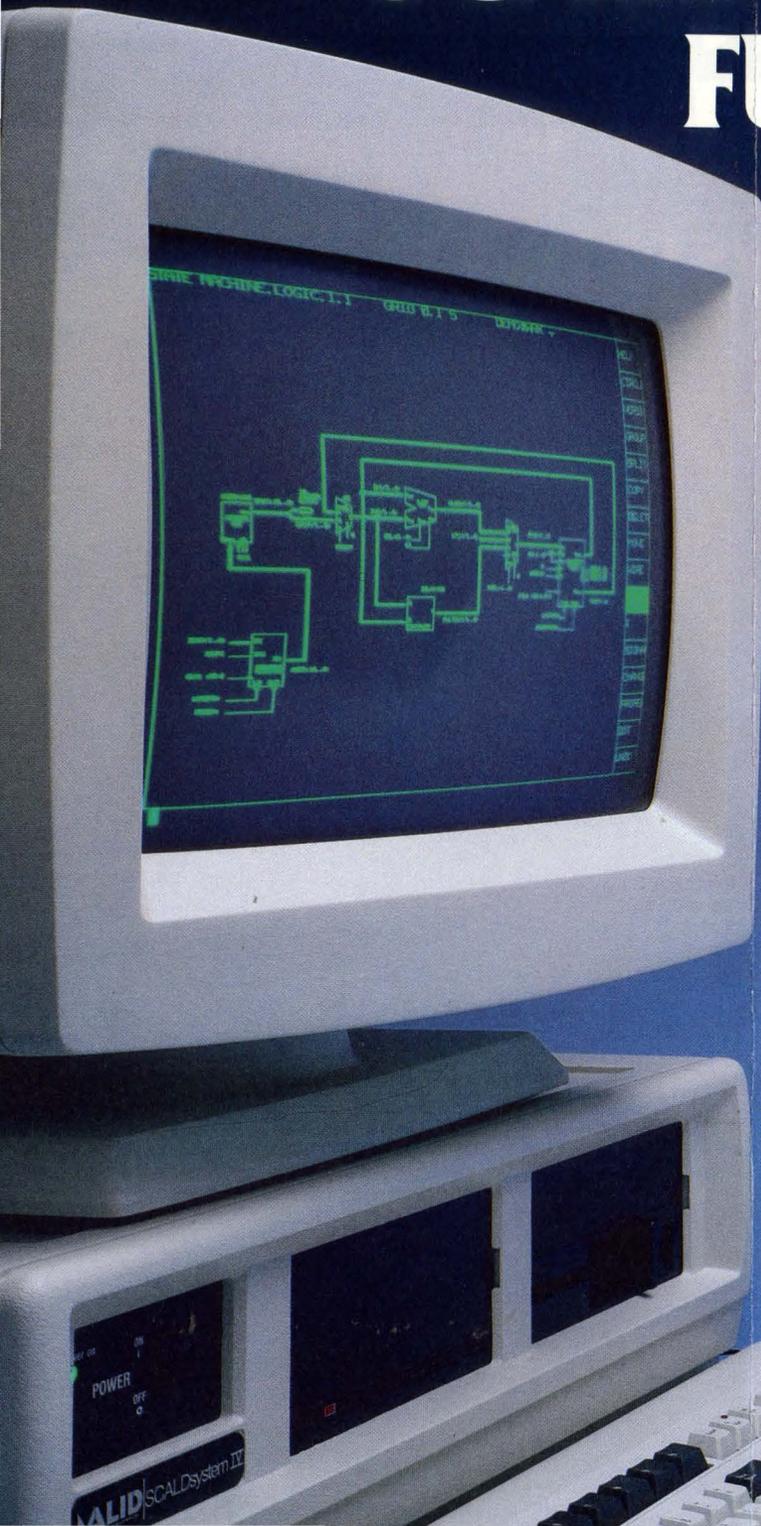
**Full Function CAE.** SCALDsystem IV is a full-function, high performance CAE workstation. It provides the full set of SCALDsystem design tools like SCALD simulator, SCALD timing verifier, SPICE, Lasar 6,<sup>™</sup> interfaces and documentation packages.

This allows the designer to complete the entire design cycle from concept to production right on his desk.

**Results. Fast.** SCALDsystem IV offers the best schematic capture and dynamic graphics in the business. Which is where your engineers spend the majority of their time. But that's just the beginning. High performance local processing allows design validation to be done right on the desk and with the virtual memory operating system there is no limit in design size.



# SCALDsystem™ IV, A DE FULLY INTEGRAT ENVIRO

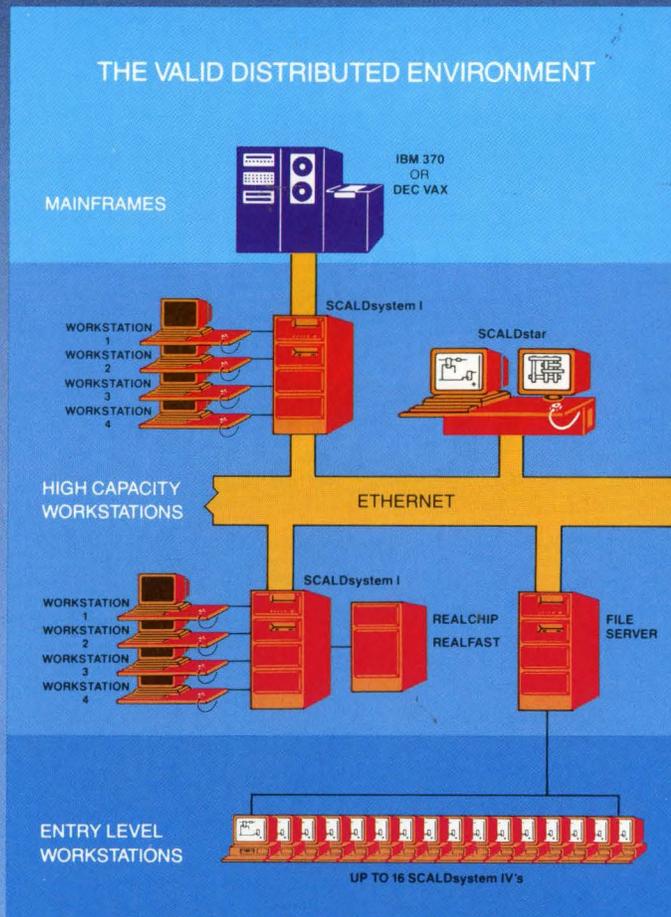


*An integrated environment.* UNIX™ Like all SCALDsystems, the Valid SCALDsystem IV utilizes the industry standard operating system—UNIX. This provides a standard design environment throughout the entire product line, giving the user the capability to add additional SCALD tools modularly as his requirements increase.

*A family of solutions.* As a member of the SCALDsystem family the SCALDsystem IV gives you access to all SCALD tools including large, sophisticated libraries, as well as allowing you to use the power of your existing DEC™ or IBM™ mainframe. The SCALDsystem IV distributes the power of these tools onto the desk of all engineers in the design department.

- Realchip™
- Realfast™
- Lasar 6 Simulator
- Concorde™ Silicon Compiler
- SPICE
- IBM Mainframe
- DEC VAX™
- Simulation
- Timing Verification™
- Complete Libraries
- Networking
- IC Design
- Gate Array Design
- PAL Design
- Board Design
- Documentation

# A DESKTOP WORKSTATION RATED INTO THE SCALD ENVIRONMENT.



## *Advanced Simulation Tools.*

If you're using advanced applications-specific products like Valid's Realchip Modeling System or Realfast Simulation Accelerator, the SCALDsystem IV allows you to distribute those resources to your engineers' desks.

**Realchip.** A VLSI modeling system that provides the user the ability to design with microprocessor, custom and complex peripheral components. Valid provides tested hardware models of all popular standard components.

**Realfast.** A hardware simulation accelerator that boosts simulation speeds up to 500 times, and realistically allows simulation of million gate designs.

Concorde is a trademark of Seattle Silicon Technology, Incorporated.

Ethernet is a trademark of Xerox Corporation.

Lasar 6 is a trademark of Teradyne Incorporated.

UNIX is a trademark of AT&T Bell Laboratories.

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