Automated Layout System

JOINS THE RCA MEGAFORCEsm

“When we were choosing gatearray layout system software, we needed to meet four primary requirements. It had to offer full automation of the placement and routing functions, for rapid error-free design turnaround. It had to be expandable up to 6000 gates or more. It had to be style and technology independent, and it had to be fully supported. RCA’s logical choice was MERLYN-G, from VR Information Systems.”

Hank Miller
Manager Semicustom Design Systems Engineering

RCA offers a sophisticated, but easy-to-use, semicustom design automation service for CMOS IC’s, using a mix of silicon gate and CMOS/SOS technology, coupled with both gate array and PaCMOS® standard cell alternatives. For a competitive edge, they use the MERLYN-G layout system in second sourcing LSI Logic’s 5000 HCMOS arrays, with up to 6000 gates. They needed a system that could handle this demand. MERLYN-G’s architecture allows expansion up to 10,000 gates.

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(Megaforce is a Service Mark of the RCA Company)

VR fully supports MERLYN-G with comprehensive documentation, laboratory and practical training, and worldwide service; reinforced by the leader in support and service, Tektronix.

When RCA needed gate array layout software, they chose the company that pioneered that technology, VR Information Systems.
FOLLOWING A DESIGN ENGINEER AROUND ON ATYPICAL DAY CAN LEAD TO ONLY ONE CONCLUSION.

On any given day, design engineers are apt to be out of their offices as often as they're in. To do design work, they have to park themselves in front of a workstation somewhere. For their documentation needs, they have to hover over a secretary. And it's back and forth throughout the organization to dispatch copies of their schematics. Not only is this extraordinarily inefficient. Thanks to Workview, it's also entirely unnecessary.

Eminently affordable, Workview is the first and only IBM PC-based software program that addresses the three fundamental aspects of the design engineer's job—design, documentation and communications. All integrated under one easy to use, multi-windowed user interface, it's the Total Workday System™.

Workview supports analog, semicustom chip design with standard parts. Its design facilities include a schematics editor and an interactive simulator with waveform I/O editing. Its documentation facility allows you to merge graphics and text. Finally, through Ethernet, Workview's communications facility provides for instant communication, pc to pc and pc to host.

For more information, call us toll-free at 1-800-CAE-VIEW. In MA, the number is 617-480-0881.