"WITH ZYCAD'S LE, WE GET OUR LOGIC SIMULATION JOBS BACK IN A HALF-HOUR INSTEAD OF A WEEK."

— Don Lacy, Manager, CAD Systems
Western Digital Corp.
Irvine, California
Don Lacy and his staff provide CAE and CAD tools to Western Digital Corporation's VLSI design engineers. But recently, Lacy found that design simulation cycles were a real bottleneck in the product development process.

"Until Zycad came along, there simply weren't enough CPU hours in a day to handle all our simulation needs."

"Software simulation on a general purpose computer just wasn't fast enough to simulate the microcode in Western Digital's complex controller chips. Before installing a Zycad Logic Evaluator (LE), a single IC design simulation could use 100 hours of CPU time. That often meant a week's wait or more to get simulation results. Logic simulation was the bottleneck in Western Digital's chip design cycle.

"With the Logic Evaluator we can do things the way we always have... only a lot faster."

Within days of installation, Western Digital's LE with Zilos software was productive. Simulations which had taken weeks were coming back in fifteen minutes. "And the results were more meaningful, because they came back while you could still remember why you'd done them," said Lacy.

The Logic Evaluator, Model LE 1001, simulates Western Digital's logic accurately at speeds up to 500,000 events per second. They can use any combination of switch, gate or functional modeling levels. And most importantly, Western Digital is now realizing a much higher success rate in first silicon, saving months of design recycle time.

"Zycad is one of the class companies in the CAE business. They keep their commitments."

Don Lacy is as impressed with the Zycad company as he is with the Zycad product. "In terms of all the CAD support I've ever seen, Zycad is superior," he said, "I've never experienced such responsiveness."

"Zycad and the LE are improving our competitive edge."

For more information about the Zycad Logic Evaluator, call us today at 800-631-5040, ext. 100. (In Minnesota, call collect (612) 631-3175, ext. 100.) Or write Zycad Corporation, P.O. Box 12828, St. Paul, MN 55112.