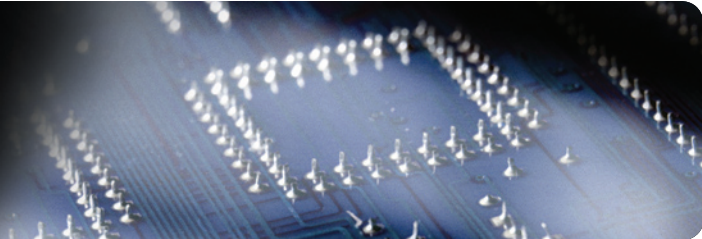




Isilon Scale-out Storage for IC Design & Simulation

Accelerate productivity and performance



Achieve the highest design productivity and application performance

With Isilon Scale-out storage you can achieve up to 40% faster runtime on your data intensive EDA and MCAD tools, while industry-leading I/O performance and automated load balancing ensure reliable high-speed performance. Powered by the OneFS® operating system, Isilon accelerates namespace intensive operations, improving data replication, backup and recovery operations. With a single namespace, Isilon delivers high concurrent access and greatly simplifies reuse of scripts to run EDA tools, saving hours or days of setup for a new project and simplifies overall directory management.

Scale storage capacity or performance without downtime

New tools and design applications can have an unpredictable impact on storage needs. Unlike traditional NAS or SAN storage, Isilon's products can scale capacity and/or performance without downtime or configuration changes, while remaining simple to manage. You can choose exactly the right kind of storage you need— high concurrent throughput for functional design and verification, high I/O performance for physical design, and cost-effective storage for IP and design repositories. With Isilon you can immediately add storage “on-the-fly” allowing you to instantly respond to changes in storage needs, keep your teams productive and meet tight production deadlines.

Reduce risk and protect your IP

With up to N+4 protection, Isilon ensures that even if up to 4 nodes fail simultaneously, 100% of your data is still available. Isilon also provides powerful software tools to automatically manage and optimize data integrity, data transfer across WAN, and monitor overall performance. Automatic replication of data to remote sites can be performed without impact on other network resources and Isilon enables snapshots at the individual file level--critical in iterative flows where the same file has new data written to it based on ongoing analysis.

Value and Simplicity

Isilon's unmatched ease-of-use and pay-as-you-grow capability reduce operational costs and allows you to match the timing of storage expenditures directly with the growth of your data. With Isilon scale-out storage you don't need to add storage administrators as your environment grows. One person can manage petabytes of data as easily as they manage terabytes, minimizing operating expenditures.

Proven solutions worldwide customers rely on every day

By deploying Isilon's scale-out NAS, leading organizations worldwide increase agility and confidence to meet growing business needs for storage, including leaders in IC manufacturing and design such as ARM, Xilinx, and DaiNippon Printing. Isilon's award-winning storage technology are proven on the most advanced designs, including leading-edge 45nm and 65nm designs, high performance IP cores, and complex aircraft and automotive simulations.

“Our business never stops - ‘round the clock’ doesn’t begin to describe the rate at which we design, manufacture and bring to market technology that companies around the world use to power digital devices and networks. As such, data loss is simply not an option. We need to replicate our chip design data at the speed of our business and with Isilon’s unique implementation of SSDs we can do exactly that, and at much less cost than was previously possible.”

Mark Burrows, IT Operations Manager, ARM

ARM, a leading designer of semiconductors and microprocessors has deployed Isilon to accelerate replication of hundreds of millions of files and can now identify changed files within its massive data stores and replicate these files in only two hours - compared to 17 hours with their legacy storage solution.

Additional information

is available at
www.isilon.com

or

1-877-2-ISILON (247-4566)

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