Storage That Isn't 'One Size Fits All'

Cloud & Big Data Storage Solutions Are Within Reach Of The Small To Midsized Enterprise

THE SEEMINGLY ENDLESS BARRAGE of data crossing your corporate network is doing a number on your enterprise storage. Backup times are increasing. Capacities are being pushed to their limits. New technologies are scrambling to keep pace.

For many enterprises, the answer to solving this problem has been to throw hardware at an underlying file system deficiency. But while that's easy to do, it doesn't do much to solve the underlying problem. You need to work with a partner that can help discover and identify the current and potential challenges in your storage setup and then design and develop an innovative and industry-certified storage solution tailored to your needs.

Area Data Systems has been doing that for more than 25 years.

Experienced Development & Support

As a Nexenta Premium Partner, Area Data Systems designs trusted open storage solutions designed around the NexentaStor software and backed by experienced development and support engineers. Area Data's unique "engineer-to-engineer" approach ensures the solution you end up purchasing is tailored to meet your needs, says William Huang, president of Area Data Systems.

"We're not just here to move parts," he says. "Customers can approach us at any time. We'll help identify the problem, then architect and design a system, put it on paper, and conduct a proof of performance test in our robust research and development lab."

Buyers can be given remote access to the test lab setup, where they may conduct testing with the guidance of Area Data's engineering staff. Area Data Systems engineers can help install, configure, and tune the tailored system either remotely or onsite, depending on the customer's level of expertise.

"Clients trust Area Data Systems to provide ultra-scalable, cloud- and big data-optimized storage solutions; robust feature sets; and expert support," Huang says.

Best Of Breed

Storage setups designed by Area Data Systems are based on products from tier one manufacturers such as the OS-agnostic storage enclosures from DataON Storage. They utilize the Nexenta unified storage management platform, which is based on the framework of the ZFS OpenStorage technology and can work on industry-standard hardware.

"An OpenStorage platform such as the NexentaStor unified storage solution is ideal for the exponential storage growth challenges found in the cloud and big data markets and can be implemented by SMB companies looking forward toward growth," Huang says. "And Nexenta is based on a file system that was created in the past decade instead of when Bill Clinton was president."

Overcoming Roadblocks

NexentaStor offers unlimited scalability and file sizes, eliminating the typical roadblocks enterprises encounter with storage growth and system expansion. In-line data deduplication and native compression greatly reduce the use of primary storage, conserving valuable storage space. Hybrid storage pools take advantage of the I/O cache to accelerate read and write performance, while thin provisioning lets your hosts virtually see a larger storage pool than is physically available. That storage pool can be filled when you need it, without the need to reformat the file system.

With NexentaStor, you benefit from unlimited customized, automated, and periodic snapshots, unlike with many legacy solutions that limit you to 255 snapshots. Plus, it supports all major virtualized infrastructures.

When you work with Area Data Systems, you are furnished with an end-to-end certified solution you can trust won't have hardware/software compatibility issues and will help dramatically reduce your storage expenses, rather than consume your entire IT budget. In fact, by using industry-standard hardware rather than proprietary legacy vendor components, you'll eliminate vendor lock-in and typically save between 50 and 70%, Huang says. ℙ