

StorTrends Solutions for Server Virtualization

StorTrends' integration with VMware vSphere, Microsoft Hyper-V and Citrix XenServer allows our customers the flexibility to virtualize application servers based on their preference. Virtualization improves server efficiency and provides server redundancy at the application level.

Reliable virtualization environment requires performance and redundancy at the storage level as well. StorTrends offers customers the storage foundation and capabilities that virtual environments demand. StorTrends benefits include:

Performance: Critical virtualized and database applications need performance (IOPS and throughput) at the storage level to meet users' needs. Depending upon exact performance requirements, system admins will need to consider SSD, SAS (15k RPM) or NL-SAS (7.2k RPM) drives for the backend storage appliance. StorTrends can provide users with an all-SSD flash array, a hybrid array or a traditional spinning disk appliance. Utilizing caching, auto-data tiering, and Zoned Bit Recording (writing the frequently accessed data to the outer most tracks) provides additional performance benefits.

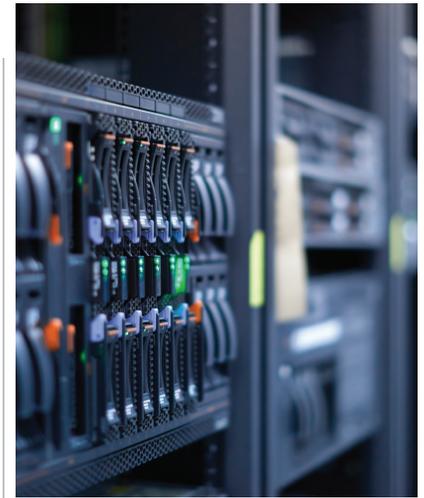
Cost Savings: Reducing the number of physical servers using a virtualization layer combined with a centralized StorTrends appliance allows for dramatic cost savings. The implementation of a StorTrends appliance will lead to a substantial decrease of equipment, power, rackspace and management expenses.

Ease of Use: StorTrends makes it easy to manage devices through integrated plugins for management consoles such as VMware vCenter. StorTrends provides performance analysis charts with system resource management to identify potential bottlenecks as data grows.

Redundancy: Whether it's a dual-controller SAN or a replicated pair of storage appliances, StorTrends provides the option to meet the most stringent of demands. The StorTrends replication is included to send your data to another unit at blazing speed. Compression, Deduplication, Encryption and WAN acceleration all come standard with no additional licensing needed.

Scalability: StorTrends utilizes multipath JBOD enclosures to increase the availability of the expanded arrays. StorTrends can scale without disruption, which increases throughput/IOPS, capacity and volume size. Users can additionally create new volumes with the added storage space.

Support: StorTrends StorAID technicians are always available to answer questions and provide support for customers. Headquartered in Atlanta, customers never risk language barriers when calling the support staff. Working in the same location as the engineering team developing StorTrends, even the most complex configurations can be resolved in a timely manner.



Key Benefits:

- Reduce IT cost with a virtualized environment
- Load balance databases with virtualized storage
- Support for VMware vSphere, Microsoft Hyper-V and Citrix Xen

"StorTrends had literally every single feature I was looking for: tiered storage, data dedupe and archiving, innovative data replication and WAN optimization – everything. And when I saw the GUI and how easy it was to use, I knew I had to take a further look."

Tim Robinson, IT Coordinator and Systems Admin, University of Maryland

StorTrends is a VMware TAP Elite partner and continues to grow and integrate with VMware, giving customers the ability to utilize the newest features in virtualization. Continued partnerships, including ESXi and VAAI primitive support, give StorTrends and VMware-based applications the foundation needed to excel in production.

StorTrends also partners with Microsoft Hyper-V and Citrix Xen. Being Microsoft Gold Partners and Citrix Ready allow customers the flexibility in the virtualization space to use the tools that meet their needs.

Whether it is virtualizing 10 or 10,000 physical servers, StorTrends appliances have the ability to provide the storage performance and peace of mind to network administrators.

“The StorTrends SAN works perfectly within our virtualized environment. The ManageTrends GUI is very intuitive. The performance compared to the price is phenomenal, especially compared to other vendors in this space... The StorAID Customer Service is absolutely amazing.”

- Tony Maynard, Systems Admin,
Charlotte Radiology

“When we sat down with our VAR to review options, it became clear that StorTrends was the right choice for our business. The StorTrends array had the specific capabilities we were looking for, the integration with Hyper-V, and a price tag that was, well, much less than we anticipated. A true value.”

- Andrew Marengi, Director of IT,
National Fish & Seafood

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