

VM Storage Solutions



Data Storage Specially
Designed to Work
with VM Environments.



Server Virtualization Enables

tremendous efficiencies in your data center, from server consolidation to enhanced reliability and efficiency. However, provisioning and managing storage for the virtual environment can present challenges.

With most storage area network (SAN) systems, you must perform a dozen or more steps from three separate consoles: Storage, ESX servers (physical servers), and virtual machines (VMs) in order to provision storage for VMs. In addition, mapping out the relationships among storage, VMs, and hosts can be complicated, particularly in larger virtual environments.

The Solution

VM Storage Solutions

Xiotech Corporation's VM Storage Solutions are designed especially for virtual environments. They integrate flawlessly with VMware[®] Infrastructure[™] (including VMware ESX and vSphere), eliminating complexity and dramatically speeding processes—while delivering unbeatable reliability, performance, and low total cost of ownership.

Xiotech's VM Storage Solutions combine two game-changing technologies into one powerful solution:

- **Intelligent Storage Element (ISE[™]) technology:** The foundation for Xiotech's Emprise[™] 7000 and Emprise 7000 Edge systems, which provide reliable, flexible, and efficient storage.
- **Virtual View for VMware:** Award-winning management feature of Xiotech's exclusive ICON Manager interface. Virtual View integrates with and automates operations across the VM environment.

Solution Highlights

- Clear exploration and mapping of the VMware infrastructure and relationships among storage, servers, and VMs.
- Safe, rapid, end-to-end storage provisioning with just a few clicks from a single interface.
- Easy ongoing monitoring and management of your VM storage.
- Integrated best practices to reduce errors and ensure best performance.
- The lowest cost per usable terabyte of any storage system available today.
- Efficient storage performance and scalability for lower procurement and ongoing storage costs.
- Significantly reduced ongoing storage and maintenance costs, thanks in part to an industry-exclusive five-year hardware warranty.

The Result

Xiotech's VM Storage Solution and VM Storage Solution Lite deliver tangible benefits that no other storage solution can match. They significantly reduce the time, complexity, and risk of managing storage across your VM infrastructure. They also provide a reliable, flexible foundation for all your storage needs—at the lowest total cost.

Be sure to read the VM Storage Solution white paper, available at www.xiotech.com, for more information on how you can benefit from this unique solution.

VM Storage Solution Specifications

Storage System Highlights

Description	VM Storage Solution	VM Storage Solution Lite
Storage System	Emprise 7000	Emprise 7000 Edge
Controller Configuration	Dual	Single
Storage Capacity	1.2 to 1,024TB	1.2 to 160TB
ISE per System (max)	64	10
Data Recording	ISE protected RAID, Emprise 7000 mirroring	ISE protected RAID, Emprise 7000 mirroring
Standard Host Interfaces	4 Fibre Channel (4 Gbps)	2 Fibre Channel (4 Gbps) or 2 iSCSI
Additional Host Interfaces (optional)	4 Fibre Channel (4 Gbps) or 4 iSCSI	2 Fibre Channel (4 Gbps) or 2 iSCSI
Server Connections (max)	248	248
Storage Volumes (max)	1,024	1,024
Cache (max)	64GB (1GB per ISE)	10GB (1GB per ISE)
Operating System Support ¹	Microsoft® Windows®, VMware® ESX, Novell® NetWare®, SUSE® Linux Enterprise Server, Red Hat® Enterprise Linux®, HP-UX, IBM® AIX®, Sun™ Solaris™, Mac OS®	
Basic Warranty	<ul style="list-style-type: none"> • Hardware (parts and labor): 5 years • Software: 90 days • Warranty extensions and upgrades are available 	



Management Highlights

Parameter	Description
ICON Manager	Management interface providing the easiest administration available, plus detailed control for more experienced users
Virtual View for VMware	ICON Manager plug-in that integrates and automates storage monitoring, provisioning, and management across VM environments
ICON Services	Automation, customized reporting, and integration with other Web Services aware applications and tools
Intelligent Provisioning	Automatic volume growth without the risk of over-subscription

¹ Some restrictions apply; consult your Xiotech account representative for details

This document includes high-level specifications for comparative purposes only. For complete system specifications, please refer to the Emprise 7000 data sheet. Specifications subject to change without notice. Visit www.xiotech.com for the most up-to-date information.



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