



SMART. SIMPLE. STORAGE.

# Optimize Your Virtual Datacenter

AssuredSAN™ Pro 5000 offers adaptive storage for dynamic workloads in virtualized environments.

## **The Evolving Data Center**

The virtualized Data Center of today is more dynamic than ever. Virtual Machines, because of their independence from the hardware, are readily created, destroyed, migrated, cloned, replicated and archived to accommodate the ever changing needs of the enterprise. Technologies such as Cloud computing and VDI only accelerate this trend. This new computing paradigm requires intelligent and responsive storage systems that can adapt to rapidly changing workloads and still deliver performance with value while maintaining uncompromised protection for your data.

## Intelligent Storage for Virtual Systems

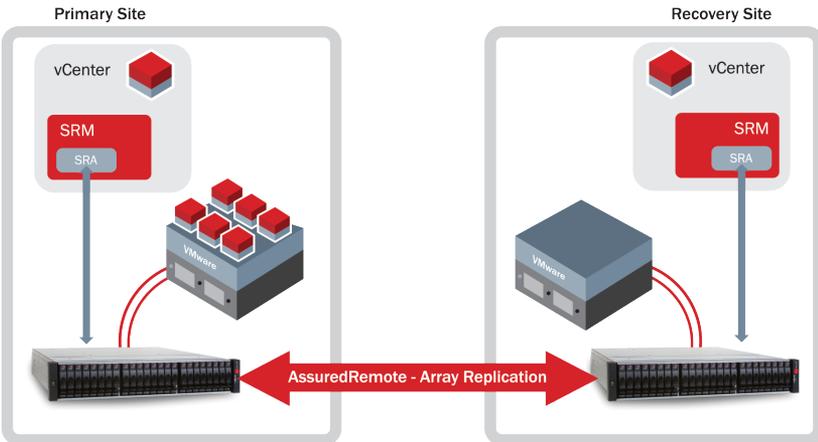
Dot Hill Systems is proud to introduce the AssuredSAN™ Pro 5000 Series of SAN Storage Arrays. The AssuredSAN™ Pro 5000 is specifically designed for workloads found in virtualized environments. Using industry-leading automated tiering technology, the AssuredSAN™ Pro 5000 stores frequently used data on SSD drives for rapid access by the applications in real time, achieving performance that would otherwise require hundreds of spinning drives to accomplish.

RealStor™, Dot Hill's proprietary tiering technology, is fully automated, self-tuning, and self-configuring, providing simplified management and freedom from tedious and complex tuning and configuration tasks. In addition, state-of-the-art management tools streamline the remaining tasks of assigning storage and monitoring health.

Dot Hill AssuredSAN products have demonstrated market leading availability for applications that require 99.999% uptime – which is accomplished through RAID data protection, SimulCache™ cache replication, EcoStor™ cache protection, multipathing, AssuredRemote™ replication, redundant array controllers and redundant power supplies.

## vSphere Site Recovery Manager (SRM)

Both the AssuredSAN 3000 and AssuredSAN 5000 are certified with and fully support vSphere 5 Site Recovery Manager. This support is enabled through the Dot Hill AssuredRemote replication service and the Dot Hill Storage Replication Agent (SRA) for SRM.



## Virtual Desktop (VDI)

When deployed with VMware View, the AssuredSAN 5000 provides the perfect balance of speed and capacity for demanding VDI workloads. The enterprise SAS drive tier provides capacity for the OS disks of hundreds or thousands of desktops, while the performance SSD drive tier provides the speed necessary for all those desktops. SAN storage for VDI is ideal in that it allows Virtual Machines to be migrated among physical servers without having to migrate storage. In addition, the AssuredSAN™ is versatile enough to also host master machine images, and user data (home directories).

## Backup Target

The AssuredSAN 3000 Series is an affordable, yet highly available SAN offering, which can serve as a storage backup archive. The AssuredSAN 3000 is certified with Veeam Backup & Replication, providing a fast and reliable backup target for Virtual Machines. To provide optimal value, the AssuredSAN 3000 supports high capacity Nearline SAS drives, with capacity points up to 288 terabytes.

vSphere	✓	Certified on vSphere 4.1 and 5.0 with FC, iSCSI and SAS interfaces
Multipathing	✓	Supports ALUA specification, for optimized load balancing and failover
Thin Provisioning	✓	Array based or hypervisor based
vMotion	✓	
Storage vMotion	✓	Accelerated with VAAI support
vStorage VAAI	✓	Certified, with full support for all VAAI primitives
Site Recovery Manager	✓	Certified on AssuredSAN 3000 and AssuredSAN 5000
Storage I/O Control	✓	



vSphere Certified

**Microsoft**<sup>®</sup>

Certified with  
Microsoft Hyper-V

**CITRIX**<sup>®</sup>

Certified with  
XenServer



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