# STARWIND ISCSI SAN FOR VMWARE VSPHERE
## Combine the power of VMware Server Virtualization and StarWind Storage Virtualization

### KEY FEATURES
- Mirroring & Replication
- CDP & Snapshots
- Thin Provisioning
- Central Management

### USES
- Storage Virtualization
- Storage Consolidation
- Disaster Recovery
- Business Continuity
- Server Clustering
- Shared Storage

### BENEFITS
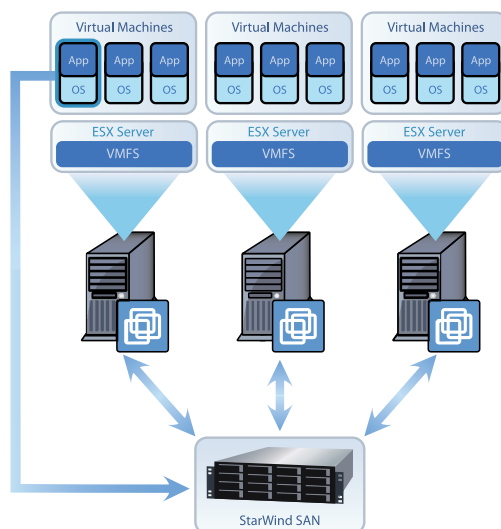**ENTERPRISE-CLASS FEATURES FOR SMBS USING VMWARE.**

- Performance, reliability, scalability, manageability, availability and speed
- Zero downtime and seamless server upgrades and migrations
- Limit or avoid additional hardware purchases by repurposing existing infrastructure

**USES INDUSTRY STANDARD NETWORKING AND SERVERS.**

No proprietary servers, storage or networking switches required and can work with 10 GigE.



*StarWind iSCSI SAN for VMware*

### BENEFITS
- Simplify VMware storage management.
- Supports VMware features: VMware HA, VMotion, DRS and VCB.
- Enhances VMware with higher data availability, reliability and protection.
- Leverages VMware vSphere to build a true cluster with an iSCSI SAN.
- Eliminates a single point of failure.
- Speeding data migrations without sacrificing uptime.

### ENHANCE VMWARE'S FUNCTIONALITY.
VMware's High Availability, VMotion, VCB and Distributed Resource Scheduler all require the presence of shared storage. By using StarWind as your storage, take advantage of these features and eliminate downtime and increase the performance of your virtual environment.

### INCREASE STORAGE UTILIZATION.
With automatic Thin Provisioning, you gain substantial storage efficiency without buying more storage than you really need. You will never have to over-allocate storage again.

### PROTECT VMs.
By using enterprise-class features such as StarWind CDP & Snapshots, you can protect your data with point-in-time copies on a volume-by-volume basis.

### DISASTER RECOVERY.
Leveraging StarWind's synchronous mirroring and asynchronous replication features, you can place your data on a remote or separate machine. In the event of a disruption, you can immediately restart your virtual machines and continue operations.

### REPURPOSE HARDWARE, GO GREEN IT.
Efficiently and economically improve your hardware utilization and leverage existing IT infrastructure. Reuse your existing servers and storage and transform old servers into enterprise-class iSCSI SANs.

### EASILY MANAGE YOUR STORAGE.
Use our simple, intuitive graphical user interface and take advantage of the product's built-in flexibility to expand the size of the volumes available on your StarWind Server iSCSI SAN.

≈ **StarWind**
S O F T W A R E

## GO FROM ZERO TO SAN IN UNDER 30 MINUTES

The advent of iSCSI storage solutions enables companies running VMware to quickly reap the benefits of enterprise-level storage solutions without making a large investment in expensive, proprietary and complex SAN systems.

StarWind's iSCSI SAN storage for VMware vSphere environments is a software iSCSI SAN solution that can install on top your existing infrastructure. It delivers all the functionality of a Fibre Channel SAN but none of its costs. Any Windows Server can be converted into a reliable, scalable, high-performance iSCSI SAN in less than 30 minutes over existing Ethernet, and it can exceed Fibre Channel performance when used in 10 GigE Ethernet networks. There is no requirement to purchase any proprietary servers, storage or networking equipment. Your storage can be virtualized, consolidated and centrally managed with StarWind's solution. And you will be able to protect your VMware environment fully in the event of a failure.

Why suffer through implementation headaches or invest in training for specialized proprietary SANs? Now you can enjoy high data availability and VM protection that you get from proprietary SANs, but with significantly higher cost-efficiency and a better ROI.

StarWind iSCSI SAN for VMware delivers a full range of SAN services to provision networked storage, reduce vulnerability and protect data. Microsoft VSS (Volume Shadow Copy Services) compatibility, dynamic point-in-time volume snapshots and automatic incremental backups make both backup and recovery a breeze. All this, plus StarWind's reliability, scalability and performance, not to mention unlimited terabytes of storage per server license, make this a perfect SAN for midsize companies and remote office/branch office (ROBO installations with VMware ESX and ESXi environments.

### STARWIND SOFTWARE IS COMPATIBLE WITH

- Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2008
- Microsoft Windows Server 2003 R2

StarWind is tested for compatibility with the Microsoft iSCSI Initiator and it has also been tested for compatibility with various Linux and UNIX iSCSI initiators, iSCSI HBAs from Adaptec and QLogic and hardware iSCSI accelerators from Alacritech.