



## SanXfer

The Industry's First  
SAN Booting System  
Migration Utility

**SanXfer™** software is the industry's first Storage Area Network (SAN) utility for migrating Windows®-based SAN booting systems to new hardware, regardless of vendor, model or attached devices. Unlike manual migration methods, which are error-prone and can take days to complete, SanXfer accurately replaces, upgrades, clones and provisions servers within minutes. What's more, for organizations that are not yet booting from a SAN, SanXfer makes it easy to convert a local booting system to a SAN booting system.

SanXfer facilitates storage, disaster recovery (DR) and server management administration in SAN environments by expanding server hardware options, simplifying administration and DR, and increasing IT environment reliability. SanXfer makes IT more efficient and lowers operational expenses by improving the use of existing servers while reducing deployment, administration, backup and disaster recovery costs. By promoting and protecting SAN-booting systems, SanXfer allows IT departments to replace server hardware with dissimilar hardware quickly and easily and to maximize the benefits of SANs for all enterprise storage needs.

### SanXfer Key Benefits

- Allows users to replace a SAN booting server with any new hardware in minutes
- Migrates existing servers' local boot disks into the SAN
- Speeds server recovery at DR sites
- Frees users from hardware lock-in, enabling storage sub-systems or servers to be replaced with equipment from different vendors
- Reduces unplanned server outages. Dead servers can be back online quickly, running on different hardware or in a Virtual Environment.
- Moving existing servers during a Data-center migrations is a snap.

### Why Boot from a SAN?

- SAN storage is more fault-tolerant
- Fewer people are required to manage storage
- Increases data security and storage utilization
- Easy storage migration
- Simpler, more reliable Disaster Recovery
- Requires less power
- More efficient data management

### Unlimited Choices for Replacing/Upgrading Servers

SanXfer solves one of the major obstacles preventing IT organizations from booting from SANs today: the problem of replacing servers that have either died or need to be replaced with faster, better hardware. Currently, if you simply replace a SAN booting server with new hardware, it won't boot. Differences in chipsets, CPUs and mass storage controllers will result in non-booting systems; the 'Blue-Screen-of-Death' in the Windows world. Even identical models often have different chipsets under the covers.

Using SanXfer, you can replace or upgrade a server with hardware from any vendor in minutes.

### SAN Booting Made Easy

Not booting from your SAN yet? Not sure how to get started? No problem. SanXfer can easily migrate your existing servers' boot disks into your SAN. No reinstalls, no waiting for future budget cycles, no waiting until the next round of server upgrades. SanXfer can take you there today—using your existing hardware.



### **A Better Approach to Site-wide Disaster Recovery**

Failing over a site to a stand-by data center is a goal of many companies, but the reality usually comes up short. Maintaining identical hardware at a stand-by site is cost prohibitive for all but the largest companies. Reinstalling servers from scratch, restoring servers from backup or re-provisioning servers on the fly are some of the most time-consuming and error-prone approaches currently used by IT organizations today.

Using SanXfer and existing SAN replication technologies, site-wide DR can be pain free. Simply replicate the boot disk to your DR site and point whatever DR-site server hardware is available to a boot LUN in the replicated SAN. SanXfer will reconfigure it to boot correctly. Servers can be up and running in minutes instead of hours or even days.

### **Moving Servers to a new DataCenter has never been easier**

By using SanXfer along with vendor supplied SAN-to-SAN copy tools, existing SAN booting Windows servers can be moved from one datacenter to another very rapidly.

### **Rapid Server Provisioning/Cloning**

SanXfer can also be used in conjunction with SAN replication technologies to copy a standard build or an existing server, and perform the changes required to boot the new copy from new hardware automatically. The SanXfer reconfiguration process can change the identity of the new system, including assigning new IP addresses, a new hostname.

When used with thin-provisioning and copy-on-write technology, SanXfer can deploy hundreds of new servers in a fraction of the time, at a fraction of the cost, and using a fraction of the SAN space required by traditional manual provisioning and cloning methods.

### **VMware Integration**

SanXfer integrates with VMware® allowing a physical server to be moved into a virtual environment in a fraction of the time required by traditional VMware migration methods. The system can then be moved easily back to physical hardware if required.

### **OS Support**

SanXfer supports Windows 2008, Windows 2003 and Windows XP.

**InQuinox** was founded by storage technology industry veterans to tackle the most pressing IT storage challenges facing CIOs today: managing the complexity and costs caused by data proliferation. With a depth of industry knowledge, technical expertise and tenacity, InQuinox pursues market opportunities to fill voids in partner product lines swiftly with an eye towards solving the seemingly intractable problems first. The company consults with data center managers to help them solve specific data protection, migration and restoration problems and develops hardware and software solutions to address specific, yet widespread, IT pain points. Determined to help IT organizations avoid reactive crises management, which is inefficient, costly and unsustainable, InQuinox is committed to developing the best products for the worst problems.

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