

Sphere 3D Hybrid Cloud Solutions for Small and Midsize Businesses



- ✓ 70% of small businesses don't survive a disaster resulting in data loss
- ✓ 69% of small businesses run their operations at the home and office

Unfortunately, unforeseen events can happen that prevent a small or midsize company from staying open for business. They may experience a power outage from a storm, or a technical issue with one of their in-store computers, or a theft in their place of business. Studies show if they don't have a fast and painless way to recover business data the impact can be dramatic. But often work never stops for an owner of a small or midsize business, especially with the plethora of smart mobile devices available today. Whether they are in the office, at their home or out meeting with customers and suppliers, businesses need safe and secure access to their data in order to maximize productivity and quality of service.

The Complete Hybrid Cloud Solution Available Now from Sphere 3D. Sphere 3D delivers a comprehensive turn-key Hybrid Cloud Solution specifically targeting the needs of Small and Midsize Businesses. The SMB solution includes SnapServer Network Attached Storage for building a local private cloud solution to protect critical business data. Additionally, Sphere 3D offers SnapCloud, a hybrid-cloud ready virtual NAS appliance built on Microsoft Azure, for seamless expansion and data migration into the public cloud. In addition, this SMB Hybrid Cloud solution includes built-in Sync and Share capability providing employees freedom to securely access enterprise data from any device, anywhere, and keep it automatically synchronized between mobile clients, desktops and both local and cloud storage repositories.

Highlights

- DynamicRAID
- BitTorrent Sync Remote Syncing and mobile access
- Thin Provisioning
- RDX Backup
- High Performance Snapshots
- Multiple backup options
- Replication with Snap EDR

SnapServer XSD 40 Robust Desktop NAS

The SnapServer XSD 40 provides a simple yet powerful starting point for SMBs seeking to build a local private storage solution. As a powerful local storage server, or node in a distributed remote office deployment, the SnapServer XSD 40 can be configured in less than 30 minutes. With both block and file level access, the SnapServer XSD 40 has cross-platform compatibility with Windows, Linux, UNIX and Macintosh systems and is ideal for file sharing and storage consolidation. The SnapServer XSD 40 includes data protection features such as, DynamicRAID, high performance snapshots, and optional data replication.

With support for SATA-II hard drives the SnapServer XSD 40 is scalable up to 16TB for seamless growth. All SnapServer storage volumes are thinly provisioned and can be grown without limits or manual administrative provisioning. With the addition of BitTorrent Sync™ administrators can sync and replicate to other SnapServers for quick disaster recovery and also enable anywhere file access with any mobile device. Also included are multiple back up features incorporating LTO tape, disk-to-disk backup, and RDX media, so you can ensure your data is available when you need it most.

Highlights

- DynamicRAID
- Dynamic Volumes
- Microsoft Active Directory and UNIX NIS Integration
- Replication with Snap EDR
- Multi-system Management with SSM
- BitTorrent Sync™
- High Performance Snapshots
- iSCSI feature for block level access
- Expandable with optional expansion chassis
- Backup to RDX QuikStor

SnapServer XSR 40 Expandable Rack-mount NAS

Sphere 3D offers the SnapServer XSD 40, which provides an even more scalable starting point for SMBs seeking to build a local private storage solution. SnapServer XSR integrates Sphere 3D's revolutionary Dynamic- RAID, a standards-based technology that gives SMB's the ability to automatically expand storage pools and storage volumes independently to optimize data protection levels and increase capacity with zero downtime. DynamicRAID provides the flexibility you need to manage your storage infrastructure without manual intervention, so that your business can grow without interruption. SnapServer XSR is a simple unified NAS and iSCSI SAN storage solution for modern business applications — from virtualized server and Microsoft Exchange environments to backup and storage consolidation. Built on Sphere 3D's proven GuardianOS platform with integrated features like snapshots and replication, SnapServer XSR lets any small or midsize business run its storage like an enterprise, at one-tenth the cost. It's storage as it should be.

Features & Benefits of V3 Turn-key Virtual Desktop Appliances

Key Features	Function	Benefit
DynamicRAID – Automatic capacity growth with thin provisioning	Arrays are optimized and maintained automatically as drives are added	Lower your cost overhead by distributing all volumes across the available storage pool and adapt quickly to changing needs of your storage environment.
BitTorrent Sync™ - Secure, Unlimited File-Syncing	Automatically sync files between directories on geographically distributed SnapServer	Access those files with any BitTorrent Sync™ client, server or mobile application
RDX Integration – Rugged, reliable disk-to-disk backup	SnapServer administrators can take advantage of Overland Storage RDX direct to disc backup	Enables simple process to copy data and remove for remote archiving or data movement between devices.
High Performance Snapshots - Up to 3X faster write performance	A read-only, point-in-time virtual copy of a file system or volume	Improved capacity utilization and more efficient snapshot updating
Unified Storage – Freedom of Choice	Store both block and file data concurrently on the SnapServer and manage under a single, flexible interface	Simplify your IT infrastructure by consolidating your storage into a single SnapServer to handle all of your business storage requirements.

Specifications

SnapServer XSD 40



SnapServer XSR 40



Best Fit For	Workgroups, departments or remote offices requiring up to 16TB of storage	Workgroups, departments or remote offices requiring up to 240TB of storage
Concurrent Users	<50	<100
Performance	50MB/s	40MB/s
System Scalability	Up to 16TB with 4 drives	Up to 240TB with 3 SnapExpansion Chassis
Replication	SnapEDR Optional	Included
Power Supplies	Single	Single
Network Connectivity	2 X GbE	2 X GbE Included (Up to 6GbE)
Drives Supported	SATA-II	Enterprise Class SATA-II
RAID Level Supported	Traditional RAID – 0,1,5,6,1 - Dynamic RAID – Single or Dual Parity	Traditional RAID – 0,1,5,10,6 Dynamic RAID – Single or Dual Parity
Remote Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
iSCSI Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
High Performance Snapshots	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Form Factor	Desktop	1U 4-drive rack-mount

SnapCloud™ on Microsoft Azure

Hybrid-Cloud Ready Virtual NAS

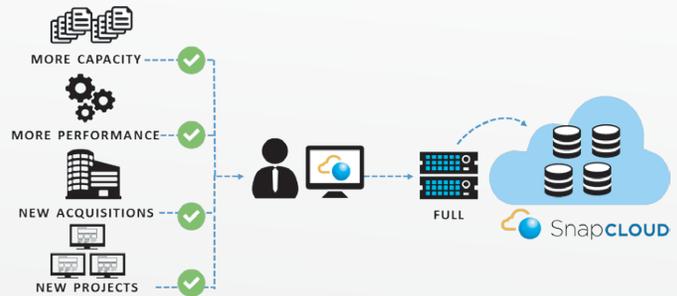
For some small and mid-sized businesses they want the added flexibility of expanding their SnapServer local private cloud storage into the public cloud customers only pay for what they use and can quickly spin up or down capacity and performance based on seasonal business needs.

SnapCLOUD™ is a hybrid-cloud ready virtual NAS appliance built on Microsoft Azure with enterprise grade data management capabilities. The solution is built on the same enterprise hardened GuardianOS® as the 300,000+ SnapServer® and SnapScale® storage appliances in data centers world-wide.

With SnapCLOUD, customers enjoy secure and fast data access anywhere, anytime, on any device. It also meets all stringent enterprise business continuity needs with features like high performance snapshots, replication, and block and file-level access.

SnapCLOUD is unique in unifying data manageability, access control and replication between on-premises SnapServer and SnapCloud systems to enable a unique and seamless hybrid cloud architecture.

With Sphere 3D, businesses can grow their data storage needs on-demand, while maintaining management and operational control within their private network.



IT Resources On Demand

With SnapCLOUD, dynamically expand storage into the cloud with the same features and operations as on-premise storage. Only pay for what you use.

Sales Offices

Sales and support for Sphere 3D products and solutions are available in over 90 countries. Contact us today at sales@sphere3d.com. For a full list of Sphere 3D addresses and phone numbers, please see our website at: <http://sphere3d.com/contact-us/>.

To contact a representative call:

Americas: 1 858 571 5555
Germany: +49 231 5436 0

Asia Pacific: +65 6818 9266
Japan: +81 3 5475 2140

Canada: 1 416 7495999
United Kingdom: +44 1 189 89 8000



©2015 Sphere 3D. All trademarks and registered trademarks are the property of their respective owners. The information contained herein is subject to change without notice and is provided "as is" without warranty of any kind. Sphere 3D shall not be liable for technical or editorial errors or omissions contained herein.

DS_dec022015