

# NovaStor xSP

Professional Cloud Backup for IT Service Provider

NovaStor's software for Managed Service Providers enables professional cloud backup and managed backup services. NovaStor xSP is a client server architecture that enables secure and reliable services, with seamless and unmatched scalability. NovaStor xSP supports Windows, SQL, Exchange, Hyper-V and VMware and allows clients to store data on local storage devices or offsite in the service provider's data center - with the added benefit of bare-metal disaster recovery images in the event of catastrophic failure. With an all-new web-based Central Monitoring Console (CMon) you can monitor all of your clients from a single pane of glass.

## Core Functions:

- ✓ A stand-alone, web-based central management
- ✓ 256 bit military grade AES encryption keeps sensitive customer data safe and secure
- ✓ Manage local & offsite backups as well as disaster recovery images from the same interface
- ✓ Web-based restore to have access to data anywhere
- ✓ Ability to stage a backup locally and seed it to MSP's data center

## Benefits:

- ✓ Efficient use of bandwidth and storage infrastructure
- ✓ Simple administration with extensive reporting and web-based management
- ✓ Multi-tenancy for users, groups, organizations
- ✓ Customer facing software is fully brand-able
- ✓ NovaCare Premium for local phone and E-Mail support plus major and minor updates



# NovaStor xSP - Private Cloud Backup for Service Provider

## Benefits for Service Providers

<b>Fast implementation</b>	Easy to install, deploy and manage
<b>Central Monitoring</b>	Stand-alone, remote monitoring for any number of clients up to file-level from a single, web based interface
<b>Customization</b>	Rebranding options for all front-facing portions of the software.
<b>Ease of use</b>	Customers are able to create and access their own accounts via the Internet 24*7
<b>Easy administration</b>	User groups and profiles are managed via NovaStor's Central Monitoring Console
<b>Economic user authentication</b>	An integrated database authenticates users, eliminating the need to invest in external authentication platforms
<b>Disk Spanning</b>	Reduce your storage costs and seamlessly scale the storage for your customers by easily adding new storage devices
<b>Efficient bandwidth use</b>	Bandwidth throttling ensures efficient use of available resources

## Benefits for Service Customers

<b>All-in-one</b>	Store customer's data off-site to the cloud, or to a local device with disaster recovery images. NovaStor xSP covers all backup scenarios.
<b>File Backup and Imaging</b>	Full, incremental and differential file backup and imaging, Universal Restore for recovery on dissimilar hardware, Bare Metal Restore via WinPE boot media for reliable restore, Image to VHD conversion for single file and folder restore
<b>Ease of use</b>	2-step-wizard helps to schedule data backup jobs for first-time users
<b>TimeSlider</b>	TimeSlider simplifies the restore with an innovative technology, automatically assembling all files and storage devices needed to restore a certain state
<b>Seamless Offline Restore</b>	Seamlessly transfer large data volumes on a transportable device from the provider to the customer. A unique wizard ensures compatibility of online and offline backup and restore
<b>Virtual Machines</b>	Agentless virtual machine backup with Microsoft Hyper-V and VMware ESXi / vSphere
<b>FastBIT 3</b>	High speed and low bandwidth usage with block level technology
<b>Safe data transfer</b>	448 bit end-to-end Blowfish or 256 AES encryption guards against unauthorized access during transmission and storage
<b>Reliable automation</b>	Fully automated backups that run on a schedule that you set, with parameters determined upon setup.
<b>Complete protection</b>	A single service protects office data, SQL databases, e-mail (Exchange) and virtual environments
<b>Reports</b>	Users can view reports about the status of backup jobs; daily email reporting offers a simple overview

## Systems Supported

<b>Storage Server</b>	Windows Server 2016, 2012 R2, 2012, 2008 R2 SP1, 2008 SP2
<b>Client</b>	Windows Server 2016, 2012 R2, 2012, 2008 R2 SP1, 2008 SP2 Windows 10, 8.1, 8, 7 SP1
<b>Microsoft Exchange / SQL</b>	Microsoft Exchange 2016, 2013 SP1, 2010 SP3, 2008 SP4 Microsoft SQL 2017, 2016 SP1, 2014 SP2, 2012 SP3, 2008 R2 SP3, 2008 SP4
<b>Virtual Machine</b>	Microsoft Hyper-V on Windows Server 20016, 2012 R2, 2012, 2008 R2, VMware ESX(i)/vSphere 5.x, 4.x; licensed with the vStorage API

## System Requirements

<b>Storage Server</b>	Minimum : Dual-Core processor, 4 GB of RAM, Internet Explorer 11, TCP/IP network, 50 GB free hard drive space (full installation size approximately 500 MB), Port 308 open in both directions (configurable)
<b>Central Management Console</b>	Minimum : Pentium 4, 512 MB of RAM, 3 GB free hard drive , Web Server, Internet Explorer 7.0 or higher, TCP/IP network, Microsoft SQL (or bundled SQL lite), Port 4502 and 80 open in both directions (configurable), .NET 3.5, .NET 4, Windows PowerShell 1.0
<b>Client</b>	Minimum: Pentium 4, 1 GB of RAM, 3 GB free hard drive (full installation is approximately 300 MB), Internet Explorer 7.0, TCP/IP network; for Image DR: Bootable CD/ DVD recorder and media
<b>Local Backup Devices and Media</b>	SCSI, IDE and SAS Hard Drives, external hard drives - USB 1.1 / 2.0 / 3.0, FireWire, Network Storage (SAN, NAS, UNC path, etc.), single tape drives

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