

# NovaStor xSP 18

## 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 off-site in the service provider's data center - with the added benefit of bare-metal disaster recovery images in the event of catastrophic failure.

### Core Features:

- ✓ A stand-alone, web-based central monitoring
- ✓ 256 bit military grade AES encryption keeps sensitive customer data safe and secure
- ✓ Manage local & offsite backups as well as disaster recovery images from one interface
- ✓ Web-based backup job alerts and notifications
- ✓ 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 monitoring
- ✓ Multi-tenancy for users and groups with specified access rights
- ✓ Customer facing software is fully brand-able
- ✓ NovaCare Support for local phone and E-Mail support plus major and minor updates



# NovaStor xSP - Private Cloud Backup for Service Providers

## Benefits for Service Providers

<b>Fast implementation</b>	Easy to install, deploy and manage
<b>Central Management</b>	Stand-alone, remote management 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 Management 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, and system image for recovery to dissimilar hardware, Bare Metal Restore via WinPE boot media for reliable restore, Image to VHD conversion for single file and folder restore
<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 SBS 2011, 2008 SP2 Windows 10, 8.1, 8, 7 SP1 (32/64 Bit), Vista SP2 (32/64 Bit)
<b>Microsoft Exchange / SQL</b>	Microsoft Exchange 2016, 2013, 2010, 2007 Microsoft SQL 2016, 2016 Express, 2014, 2012, 2008 R2, 2008
<b>Virtual Machine</b>	Microsoft Hyper-V on Windows Server 2016, 2012 R2, 2012, 2008 R2, 2008, VMware ESX(i)/vSphere 6.x, 5.x; licensed with the vStorage API

## System Requirements

<b>Storage Server</b>	Minimum : Dual-Core processor, 4 GB of RAM, Internet Explorer 9 or higher, TCP/IP network, 50 GB free hard drive space (full installation size approximately 500 MB), Port 308 open in both directions (configurable)
<b>Central Monitoring Console</b>	Minimum : Pentium 4, 512 MB of RAM, 3 GB free hard drive, Modern HTML5 web browsers such as IE 9 and above, TCP/IP network, Microsoft SQL (or bundled SQL lite), IIS with IIS 6 compatibility (or bundled), Port 4502 and 80 open in both directions (configurable), .NET 4
<b>Client</b>	Minimum: Pentium 4, 1 GB of RAM, 3 GB free hard drive (full installation is approximately 300 MB), Internet Explorer 8.0 or higher, TCP/IP network
<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, flash media

© 2016 NovaStor. All Rights Reserved. All trademarks are the property of their respective owners. Features and specifications are subject to change without notice. The information provided herein is provided for informational and planning purposes only.



**NovaStor Software AG**  
Poststrasse 18  
CH-6301 Zug  
Tel +41 41 712 31 55  
Fax +41 41 712 31 56

**NovaStor GmbH**  
Neumann-Reichardt-Str. 27-33  
D-22041 Hamburg  
Tel +49 40 638 09 0  
Fax +49 40 638 09 29

**NovaStor Corporation**  
29209 Canwood Street  
Agoura Hills, CA 91301 USA  
Tel +1 805 579 6700  
Fax +1 805 579 6710



[www.novastor.com/xSP](http://www.novastor.com/xSP)