

Enterprise Cloud Computing: Protect Offsite Data

# NovaBACKUP®

## Remote Workforce

Mobile workforces, home and branch offices produce valuable data that is hard to protect. NovaBACKUP Remote Workforce enables even small companies to fully secure remote data with a centrally managed data protection service.

### Key Features

- Central management and protection of all mobile and external workplaces up to file level
- Professional data protection local and online in the Enterprise Cloud
- Reliable encryption for secure data transfer
- Easy restore by time or file selection
- Imaging, virus protection, open file backup and more
- Support for Microsoft Exchange, SQL and optionally VMware

### Benefit: Protect Distributed Data with an Internal Solution

- ✓ Implementation of company-wide security policies and central administration reduces the risk of data loss.
- ✓ Storage costs as well as administration and support work load are lowered by consolidating the number of systems used throughout the company.
- ✓ Global data availability and fast restore ensure higher productivity of field staff and branch offices.
- ✓ Employees can back up their own files locally to an external storage device. A scheduler is available for automation.
- ✓ Intuitive user interfaces and professional support allow employees to restore data themselves at any time.
- ✓ Optimal performance, high speed, unlimited scalability and security.
- ✓ Use your preferred option for online storage: your central server as enterprise cloud or a NovaStor certified partner.



# Features and Benefits of NovaBACKUP Remote Workforce

## Local and Online Protection of Business Critical Data

Workstations, Microsoft Office and multimedia data

Servers, Microsoft Exchange and Microsoft SQL

Option: Unlimited and agentless backup of virtual machines based on VMware servers (see software requirements)

## Offsite Data Protection at Headquarters or 3<sup>rd</sup> Party Data Centers

**NEW** Short backup windows and low bandwidth requirements with FastBIT 3

End-to-end AES encryption for secure data transfer and storage

Open file backup

**NEW** The ability to replicate the storage server enables companies to increase data availability and to prepare for server downtimes by keeping a redundant real-time copy of all changes employees make to their backup data.

Password protection and virus scan of backed up data

## Availability of Functions for Local Data Backup

Local data backup and copy/mirror with choice of storage device

Open file backup

Password protection and virus scan of backed up data

Full and differential disk imaging

Automation of all processes

Wizard-driven interface allows untrained users easy and secure handling of data backup and restore.

## Local and Online Restore

Selection of individual backup files and folders, easy point-in-time-restore

**NEW** Seamlessly transfer exceptionally large data volumes on a transport device from headquarters to distributed offices or employees. A unique wizard ensures compatibility of online and offline backup and restore.

Complete system restore (local Image DR)

Combination of image and file restore for faster recovery times

Employees can sign-in at the central web portal to restore data directly from the private cloud – anytime, anywhere.

## Central Administration

Central management and control of all mobile and external workplaces and offices up to file level at a single web interface

Clear overview of users, user groups and backup profiles

Simple granting and limiting storage quotas per user

Automated new user setup

Activation of individual backup functions for single users / user groups

Efficient storage scaling by simply adding new devices (disk spanning)

## Systems Supported

<b>Storage Server</b>	Windows 2003 Standard/Enterprise SP2 (32/64 Bit), Windows 2008 Server Standard/Enterprise SP2 (32/64 Bit), Windows 2008 Server R2 SP1
<b>Remote Client Installation</b>	Windows 7 SP1 (32/64 Bit), Windows Vista SP2 (32/64 Bit), Windows XP SP3 (32/64 Bit), Windows 2003 Standard/ Web/Enterprise/SBS SP2 (32/64 Bit), Windows 2008 Server SP2 (32/64 Bit), Windows 2008 Server R2 SP1, Windows SBS 2011
<b>Virtual Machines</b>	VMware ESX(i) 4.0+ servers and vSphere licensed with the vStorage API's
<b>Microsoft SQL / Exchange:</b>	SQL 2003 SP2a, SQL 2005 SP4, SQL 2008 SP2, Microsoft SQL 2008 R2 and SQL Express, Exchange 2003 SP2, Exchange 2007 SP3 and <b>NEW</b> Exchange 2010 SP1

## System Requirements

<b>Storage Server</b>	Dual Core processor or better, 2GB of RAM minimum, 20GB free hard drive available space on system drive, Internet Explorer 7.0 or higher, TCP/IP network. Connection to SQL server for the database is needed. To ensure stability, the system should run no unrelated applications or service, such as Exchange, FTP or other databases than the NovaBACKUP Remote Workforce database, or anything else that is not necessary for the Storage Server and other Remote Workforce services to function.
<b>Central Management Console</b>	Pentium 4 or better, 512 MB of RAM minimum, 3 GB free hard drive available space on system drive. Web Server (IIS or built in web server), Microsoft SQL (or bundled SQLite), Internet Explorer 7.0 or higher, TCP/IP network, .NET 3.5 SP1, .NET 4, Windows PowerShell 1.0.
<b>Remote Client Installations</b>	Pentium 4 or better, 1GB of RAM minimum, 3 GB free hard drive available space on system drive, plus storage space for backups, Internet Explorer 7.0 or higher, TCP/IP network. Full installation size is approximately 300 MB. Drive where the work folder is located for the software needs 2 times the free space of the largest file that is backed up.
<b>Local Backup Devices and Media:</b>	Remote Workforce Storage Server, external hard drives, USB 1.1 / 2.0 / 3.0, FireWire, CD-R/W, DVD-R/W, DVD+R/W, Blu-Ray/Dual Layer, Network storage (SAN, NAS, Mapped Network Drive, UNC path, etc.), tape, PC Card (PCMCIA), Amazon S3, FTP (FTP, SFTP, FTPS)
<b>For image DR</b>	Bootable CD/DVD recorder and CD/DVD media and one of the following operating systems Windows XP, Vista, Windows 7, 2003 or 2008



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