

NovaStor DataCenter

Protection for heterogeneous IT-environments

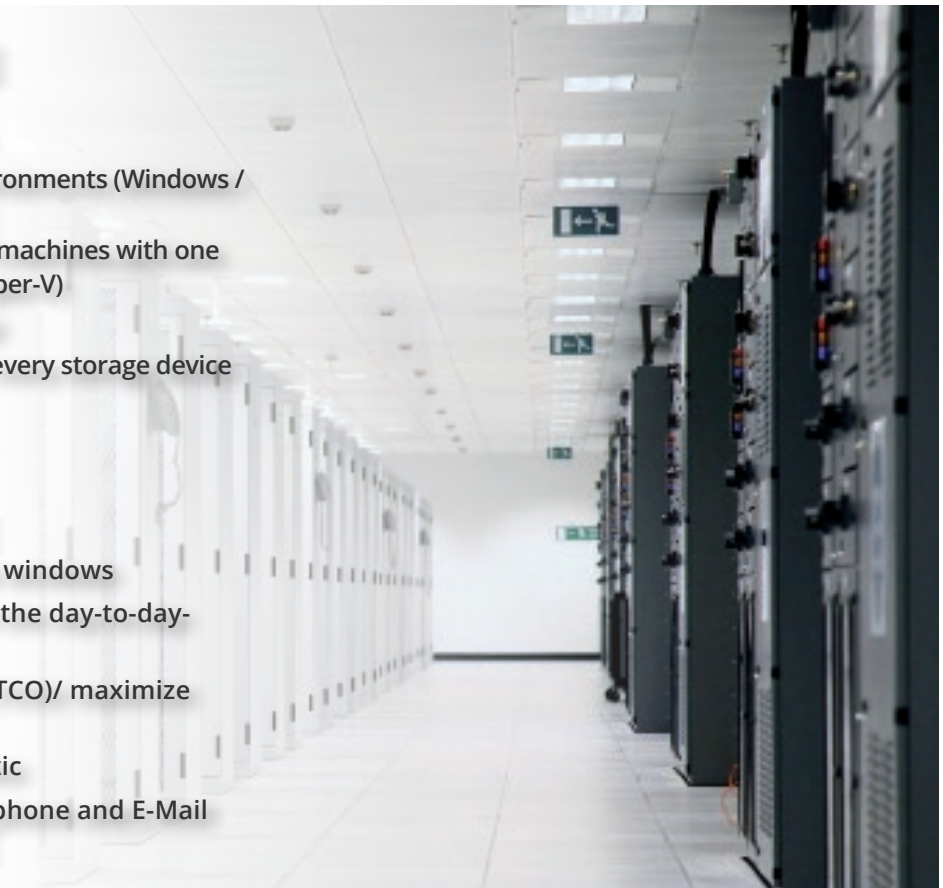
DataCenter is a centralized backup software for mixed IT environments including Windows and Linux, VMware and Hyper-V. The network backup software is a stable, reliable and cost effective data protection solution. DataCenter includes support for the newest technologies and addresses the requirements of small and medium sized IT environments regardless of hardware. The key to DataCenter's performance and scalability is its architecture. Features like multistreaming and redundant meta data management increase the reliability for backup and restore jobs tremendously. With multi-tenancy functions customers have the option to setup and maintain multiple locations, departments, and users within the company's backup infrastructure.

Core Functions:

- ✓ Intuitive Central Management
- ✓ Back up heterogeneous IT-environments (Windows / Linux)
- ✓ Back up of physical and virtual machines with one software solution (VMware, Hyper-V)
- ✓ Peak performance and stability
- ✓ Efficient workload balance for every storage device

Your Benefits:

- ✓ Decrease backup and restore windows
- ✓ Maximum data availability in the day-to-day-business
- ✓ Minimize costs of operation (TCO)/ maximize return on invest (ROI)
- ✓ Hardware and storage agnostic
- ✓ NovaCare Premium for local phone and E-Mail support included



NovaStor DataCenter - Network Backup & Restore

Less effort, less complexity - higher data availability

Reliability	Fault tolerance mechanisms: Datacenter's architecture verifies a backup using several redundancy strategies. As meta data is kept separately the restorability of the backup is always guaranteed.
Robust Communication	Backup and Restore continues to run even if the central management is not available. Centralized backup management for branch offices and remote locations is available.
1-Stop Backup Deployment	Share a backup job on any number of Clients in one step.
Support for failover media pools	Less manual intervention, better availability: If a backup media or backup server is unavailable, backups are automatically sent to fail-over resources.
Cluster Support	Less downtime: Support of cluster configuration ensures optimal availability of production applications.
ATAP Restore	Any Time Any Place Restores: A direct restore is possible offline on the client - using only the backup medium and a drive.

High flexibility, more security - more alternatives to secure data

Disk 2 Disk	Efficient storage utilization: Fast, parallel backup and restore to disk.
Disk 2 Disk 2 Tape	Save resources, time and nerves: Efficient storage and staging concepts for optimal use of resources. Support includes virtual tape libraries.
File System, Raw, Image and Pipe Backup, Snapshot	More flexibility: DataCenter supports most backup methods for backup and restore of individual files, whole disk partitions and applications.
Virtual Systems	Economical use of resources: Flexible, multi-vendor support of physical and virtual server environments. P2V and V2P support.
Logical Cloning	Cost-effective protection in the event of the loss of individual fuses: Making copies of selected backups on different backup servers and at other sites.
Reporting	Powerful, simple to use dashboard with clear GUI and e-mail reporting. Export in HTML, XML, etc. for a smooth integration into third party systems.
User Management	Setup and maintain multiple locations, departments, and users. Assign rights to let users see only the information they really need, without having irrelevant content blocking their GUI. This also ensures that users cannot modify backup jobs which can prevent potential data loss due to human error.

Higher performance, less use of resources - lower costs for data availability

High Performance Data Movers	Minimizing system load while maintaining the highest data throughput: Optimized compression distributes the processing load to both the client and storage medium.
Optimized Deduplication	Reduce the size of backup data with deduplication. NovaStor's backup format optimizes and increases performance on deduplication hardware appliances and Server 2012 (R2) operating systems.
Bare Metal Recovery incl. Universal Restore	Relax-and-Recover (ReaR) Linux bare metal disaster recovery and continued DR support for Windows environments. Storage agnostic image backups: Restore complete systems on different hardware.
Multiplexer	Backup and Restore data with multiple streams on one device along with backup of multiple servers to one device at the same time (tape library or disk).

Compatibility

Operating system	All current Windows- and Linux-Systems
Application/ Databases	Microsoft SQL, Microsoft Exchange, Microsoft Exchange DAG, Oracle, MySQL
Virtualization Platforms	VMware ESX/vSphere, Hyper-V
Storage-Devices	All tape drives supported by the operating system (LTO, DLT, T10000 ...), disk systems (disk2disk-2Tape backup), all major library systems, virtual tape libraries, de-duplication appliances

Backup & Restore for IT service providers and large enterprises

DataCenter Enterprise offers IT service provider and companies with large IT environments a backup solution for their high standards. Designed as a data protection solution for large amount of data, distributed environments or cloud architectures, it also supports applications like Lotus Notes /Domino, SAP, and includes features regarding long term data availability or Runbook Automation.

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