

VERITAS NetBackup PureDisk Remote Office Edition

Innovative data protection for enterprise remote offices

> The Sun Fire™ X4100 is a new 1 to 4-way x64 rack-optimized servers powered by AMD's (Advanced Micro Devices) award-winning Opteron™ processors. The first members in a new family of server architected by Sun, they are the industry's premier x64 servers delivering greater than one-and-a-half times the performance, one of the highest reliability ratings and up to 56% savings in power and heat costs over comparable Intel Xeon-based servers. The Sun Fire X4100 is well suited to run the VERITAS NetBackup PureDisk Remote Office Edition because the server is extremely reliable, robust enough to handle the regions I/O and computational demands and still provide simplicity of operations.

The Sun StorageTek™ 6140 array starts small and grows as fast as your data requirements dictate – up to 56 terabytes across 112 SATA and fiber channel drives. Combining the Sun Fire x4100 with VERITAS NetBackup PureDisk Remote Office Edition and the StorageTek 6140 provides the highest level of reliability and availability with pay-as-you-grow pricing.

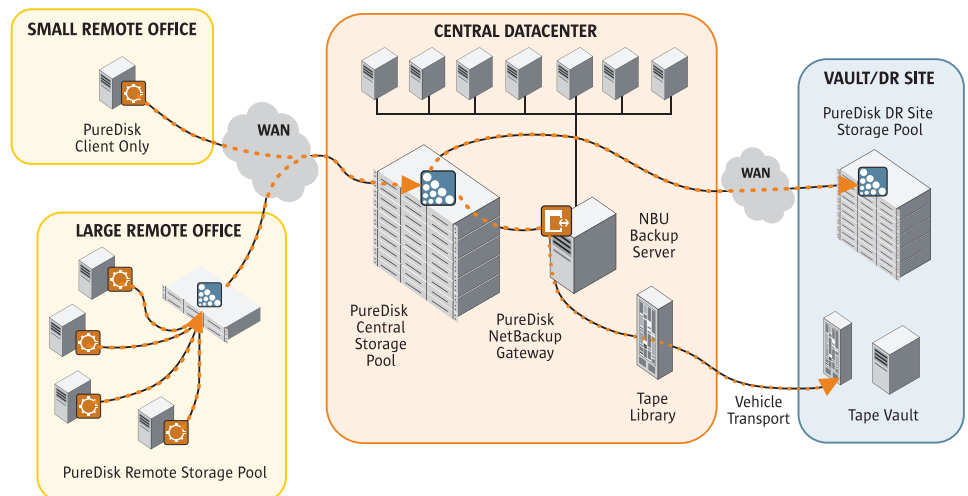


Highlights

Sun Fire™ x4100 with Sun StorageTek™ 6140 array and VERITAS NetBackup PureDisk Remote Office Edition offer unparalleled data protection, cost savings, and ease of use while leveraging Sun's latest technology and most reliable products.

Key benefits

- Reduces storage needs due to Single Instance Store (SIS)
- Encryption of data during replication to a remote datacenter
- No need for tape libraries or expensive administration staff in remote locations
- Reduce network consumption by 10 to 50x due to SIS and data compression
- Integrated encryption key management
- Ability to maintains any number of full backups in remote offices



A total enterprise architecture is designed to scale in a cost effect way, reduce risk, and address key IT infrastructure requirements.

The enterprise remote office challenge

For many companies, protecting remote office data can be a challenge. Today, many companies perform tape backups at each remote office, but this approach can be unreliable, cumbersome, and expensive. The alternative method, creating backups over a wide area network (WAN), also poses problems because of the amount of data and the cost of bandwidth. VERITAS NetBackup PureDisk Remote Office Edition software addresses these hurdles and enables companies to efficiently manage and protect remote office data.

The Symantec solution

VERITAS NetBackup PureDisk Remote Office Edition offers secure, storage-optimized data protection for remote offices across diverse IT environments. NetBackup PureDisk Remote Office Edition combines disk-based backup with distinctive fingerprinting technology to rapidly identify the unique, changed segments of data across different offices. By identifying only those unique segments of data to back up, NetBackup PureDisk Remote Office Edition reduces the network bandwidth used to move data offsite as well as the amount of storage required. Web-based access for both

data recovery and administration streamlines management and access to important data. These features in NetBackup PureDisk Remote Office Edition enable enterprise IT groups to effectively address the challenges of remote office data protection.

Key benefits

- Eliminates tape and backup administration at remote offices for “hands-off” management of data
- Reduces storage and network consumption from backups by 10–50X
- Enables enforcement of enterprise data management and compliance policies on remote office data

Secure, optimized data protection for enterprise remote offices

NetBackup PureDisk Remote Office Edition performs global single-instance storage across all remote offices and datacenters. NetBackup PureDisk technology fingerprints each file based on its contents to accurately identify unique files across clients and locations. When file contents change, NetBackup PureDisk identifies only the unique segments of changed data within the file and compresses them. This reduces the size of the backup, the bandwidth needed to move data, and the secondary storage required. Finally, NetBackup PureDisk can also encrypt local backup data at a remote office, in transit, and at a central site. Fast, flexible recovery from remote offices or datacenters NetBackup PureDisk stores data on disk at remote offices, datacenters, or in both locations for tapeless restores.

Standardized remote office protection

Companies seek to standardize their data protection environments so that they can increase efficiency, eliminate data loss, and meet internal and external compliance requirements. Companies can choose NetBackup PureDisk to protect file-based data for major platforms at remote offices of any size because of the software’s scalability and

flexibility. Backup and retention policies can be set by system administrators at the datacenter.

Key features and benefits

- Reduce backup storage needs with Global Single Instance Storage across all remote offices
- Enables bandwidth-efficient backup of data to a central site or datacenter
- Reduce backup storage needs with Data Compression
- Insure Enterprise Security with 256-bit data encryption of data in transit or at rest
- Integrated encryption key management
- Remotely manage remote offices

Fast and flexible data recovery

- Recover data from a local server, a datacenter, or another remote site
- Quickly search for and recover files

Highly scalable architecture

- Protect small offices (one or two servers) or large offices based on the same technology
- Back up multiple clients simultaneously without burdening the network
- Easily expand storage capacity by adding PureDisk servers connected to the StorageTek 6140 which provides pay-as-you-grow capability

Bandwidth-efficient replication

- Protect NetBackup PureDisk servers by replicating content to a datacenter and/or a disaster recovery site
- Maintain any number of full backups at a remote office (or datacenter) using local retention policies
- Maximize available bandwidth with asynchronous replication mode and policy-based filtering

Standardized remote office data protection

- Easily configure backup parameters for multiple machines
- Standardize data and retention policies to

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meet corporate compliance or service level agreement (SLA) requirements

Secure, Web-based administration and management

- Administer and manage NetBackup PureDisk from anywhere using an SSL-enabled Web browser
- Configure flexible user roles, including visible scope and functional access
- Use 256-bit encryption on data at rest and in transit

Virtual file system interface

- Quickly restore backup data that is filtered by file metadata such as file type, date, and source using a CIFS virtual file system interface
- Locate and recover data through the virtual file system interface

Platforms and applications supported

Clients (or servers) to be protected with NetBackup PureDisk Remote Office Edition require an agent. The agent functions on the following O/S platforms:

- SUSE
 - Red Hat
- Major UNIX® platforms:
- Solaris™
 - AIX
 - HP-UX

Applications Supported:

- Microsoft Exchange Server 2003
- Microsoft SQL Server 2000/2005
- Windows System State Backup (via VSS)

This is a summary of platforms supported as of the publication date. Additional information on platform and application support and system requirements is available, see support.veritas.com for a complete and current list.

