

Veritas NetBackup™ Backup Appliances

Reducing cost and complexity



Overview

When it's time to upgrade or expand the backup or disaster recovery hardware infrastructure, many customers follow a traditional path to acquire, build, and integrate their own servers and storage. It's a reflex that is well known, but also one with hidden productivity costs. Eliminate the time and effort of installing, configuring, and maintaining your backup and disaster recovery hardware and software components with the Veritas NetBackup™ Appliance.

How an appliance simplifies IT processes and saves money

Using an integrated appliance for backup and recovery is a better solution for simplifying IT tasks, increasing productivity, and saving money. In fact, many NetBackup customers are already successfully using deduplication storage appliances in their environment, often with Veritas™ OpenStorage. However, even greater operational and capital savings can be achieved with a fully integrated backup appliance that also supports OpenStorage.



NetBackup 5230 Appliance

The Veritas NetBackup™ 5200 Series Appliance is a pre-configured, pre-installed, backup solution that easily fits into existing NetBackup environments without disrupting operations. Data centers, remote offices, and virtual environments get more efficient, storage-optimized data protection while reducing capital expenditures (CapEx) and operating expenditures (OpEx). Simply install the NetBackup appliance, and your new media server or remote office solution is up and running in under an hour.

Key NetBackup Appliance CapEx savings:

- **Storage**—Reduce storage cost by replacing tape with Veritas intelligent deduplication.
- **Space**—Save valuable floor space by combining both the backup server and deduplication storage into one appliance.

7 Reasons why appliances improve your NetBackup infrastructure

1. Drive down operating and capital expenses
2. Eliminate tedious media server maintenance
3. Provide intelligent end-to-end deduplication for up to 36x faster backup vs. target deduplication appliances
4. Ready to backup in under one hour with pre-configured and pre-installed NetBackup software
5. Flexible to deploy to remote offices, data centers, or disaster recovery sites as a master, media, or both
6. Direct VMware® vSphere™ Backup (no proxy servers needed)
7. Built-in WAN optimization for cloud backup and replication

Key NetBackup Appliance OpEx savings:

- **Acquisition**—Eliminate ordering, approvals, scheduling, and delivery of separate media server components.
- **Installation and integration**—Remove the hassle of installation, integration, testing, and performance tuning.
- **Administration**—Use one management console to perform multiple tasks.
- **Patching and firmware updates**—Reduce compatibility issues by no longer managing all the components for revision levels, firmware, and more.
- **Support**—Eliminate finger pointing among different component vendors if an issue occurs.

“Our appliance-based data protection approach will be a critical part of the agile data center infrastructure that will facilitate our build out of cloud services—both public and private.”¹

—Rodney Davenport, CTO,
Department of Technology,
Management, and Budget,
State of Michigan

NetBackup 5200 Series Appliance benefits

- **Cost efficient**—The NetBackup appliance can deliver immediate CapEx savings by consolidating multiple backup solutions with one platform, reducing the use of tape for backup and disaster recovery, and delaying or avoiding additional hardware purchases. Since common administrative tasks associated with installing, configuring, and supporting a media server are eliminated, immediate and long-term OpEx savings can be realized. Finally, Veritas licenses the use of the appliances with a perpetual software license and a front-end capacity based licensing model for deduplication storage. This approach not only reduces the total cost of ownership when compared to other hardware-based deduplication appliances, but provides customers with investment protection as their software license are transferable to either future appliances or supported hardware.
- **Simple to manage**—You can be up and running in less than 60 minutes with the NetBackup 5200 Series Appliance. It can be set up for production use immediately, because all necessary hardware and software components are pre-installed and optimized for performance. For existing NetBackup customers, there is no new interface to learn, the appliance delivers the familiar NetBackup administration console. Day-to-day monitoring of the appliance hardware requires minimal intervention from you which, in turn, reduces operational costs. Veritas™ AutoSupport automatically monitors key hardware components such as disks, memory, power supplies, and fans and will open a support ticket and contact the customer in the event of a detected hardware problem. All hardware and software patches as well as software upgrades are controlled by Veritas and can be deployed in a few simple steps.
- **One integrated solution**—Hardware, software, and support are all managed by Veritas. You won't need to unbox, load, install, test, manage, and support multiple solution elements such as a server, storage, operating system, backup software, and network connectivity. There's also no need to integrate with other solutions from other suppliers. Equally important, both source and target deduplication are provided by one integrated solution. Veritas provides end-to-end technical support for the appliance. There's just one phone number to call if you need help with hardware or software.
- **Fast performance and scalability**—The NetBackup appliance has extremely high backup performance via unique multi-dimensional scalability, and performance can be scaled to run tens of thousands of backup jobs per day (with multiple appliances). When compared to third-party target deduplication appliances where performance can be improved only by upgrading or adding hardware, the NetBackup deduplication architecture can scale out performance at multiple levels. The ability to distribute both backup and deduplication processing to multiple media servers and/or clients and unique NetBackup technologies like Accelerator provide both performance and scalability.

“Some of our larger customers that chose our integrated appliances saved on average 45 percent of the costs associated with acquiring, procuring, and deploying a new backup server in the first year and on average 39 percent of ongoing maintenance and management costs.”²

1. Click here to read more Appliance Success Stories: http://www.symantec.com/ciodigest/article2.jsp?aid=apr11_plug_and_play_feature

2. Assumes a 10 percent YOY backup server growth. These averages are based on approximately 140 customer studies by the Symantec Value Management Office (VMO). Individual results may vary, depending on size of company and volume of data.

- **Flexible**—NetBackup appliances are fully compatible with existing software and can be mixed into an existing environment. No complex or disruptive migration process or time-consuming retraining is needed. The appliance supports both source-based and target-based deduplication, in-line or post-process deduplication, and virtual and physical environments. And all major operating systems and applications are natively supported, so multiple data types and sources can be accommodated.

Thousands of Veritas customers have already embraced the value of our integrated backup appliances. With thousands of appliances deployed across 60+ countries, our approach to improving the end-to-end process for backup and disaster recovery is making a dramatic impact on many organizations.

More Information

Visit our website

<http://www.veritas.com>

About Veritas Technologies Corporation

Veritas Technologies Corporation enables organizations to harness the power of their information, with solutions designed to serve the world's largest and most complex heterogeneous environments. Veritas works with 86 percent of Fortune 500 companies today, improving data availability and revealing insights to drive competitive advantage.

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