THE CHALLENGE
Meet backup and recovery windows
Traditional tape backup environments face unprecedented challenges. As data dramatically increases in volume, many companies are finding it difficult or impossible to complete backups within required time frames. Adding to the problem, the speed of today’s business requires data recovery times of seconds, while tape recovery can often take hours or even days if the tapes are stored off-site. Information stored on tape is neither easily discoverable for litigation support nor secure enough to store sensitive data in clear text, and the unreliable nature and administrative overhead of tape media make it nearly impossible for many organizations to keep up with the ever-growing demands of business.

THE SOLUTION
Simplify and speed data protection with NetApp’s backup and recovery solutions
Rapidly falling disk drive costs combined with more efficient data storage through deduplication and compression make it more economically feasible to add disk to data protection strategies and dramatically improve both the frequency and speed at which backup and recovery can occur.

Our backup and recovery solutions can help you overcome the liabilities of traditional backup systems. We have a complete portfolio of solutions designed to meet even the most stringent business needs and service-level agreements. You can implement our solutions to optimize and consolidate existing tape backup, reduce reliance on tape, or eliminate the need for tape altogether.

Each of our solutions is designed to deliver easy-to-manage, high-speed, cost-effective backup and recovery, regardless of your primary storage. We can also extend your solution to simplify backup search and security so that as your discovery and compliance needs change you have a streamlined solution delivered by a single partner.
The NetApp solution significantly enhanced backup and recovery speed. Our backups can now be performed four times faster, eliminating the risk of backup delays. We also see better performance in data recovery, which is even more important than backup.”

Kook Dong-Ken
Team Manager, IT Management, Hana Bank
MAXIMIZE FUNCTIONALITY AND EFFICIENCY FOR NETBACKUP
When you use SnapVault for NetBackup, you can enjoy the best of both worlds. You get the comprehensive functionality and interoperability that you expect from Symantec NetBackup and the storage efficiency and rapid data recovery you depend on from NetApp. SnapVault for NetBackup easily integrates into a NetBackup architecture as a disk storage unit, where it provides real-time deduplication for reduced capacity requirements, end-user file recovery directly from backup data, and increased reliability for NetApp storage.

ENHANCE YOUR DATA PROTECTION
Our data protection solution portfolio extends beyond traditional backup and recovery with our two special-purpose appliances—NetApp Information Server and NetApp DataFort—that enhance the capabilities of your backup architecture.

You can use the industry-leading information classification and discovery capabilities of NetApp’s Information Server family to enable unmatched visibility and control of unstructured data across your enterprise. Our Information Server lets you optimize backups by eliminating unwanted data and enables you to find archived data instantly. These capabilities are essential to meeting the following requirements:

- High-performance, tiered storage
- Electronic litigation discovery
- Automated compliance policies

Our NetApp DataFort security appliances provide wire-speed encryption to secure your critical backup data, whether it’s on tape or disk. With NetApp DataFort, you can cryptographically shred information beyond retrieval to meet the requirements of U.S. regulations such as HIPAA and mandates from the U.S. Department of Defense. With our Lifetime Key Management™ system, you can securely automate the archiving and recovery of encryption keys across your enterprise to make sure that your data is always secure and available.

PARTNER FOR SUCCESS
When you partner with our Professional Services and Global Support teams, you gain access to our extensive storage expertise, innovative technologies, and best practices. You can accelerate the return on your infrastructure investments and get the most business benefit from them. We respond quickly to your problems, no matter where in the world they occur, and with one of the most flexible support programs in the industry, you always get just the support you need for your unique IT and business requirements.

LEARN MORE
The following references are available at www.netapp.com.

Analyst reports
- Taneja Group: Data Protection for Remote Offices—2006
- Mercer Study on SnapVault Technology—2006
- Forrester Study: The Shift to Disk-Based Data Protection Solutions—2006

NetApp technical reports and white papers
- Technical report 3066: Data Protection Strategies for NetApp Storage Systems
- Technical report 3506: Secure Backup—The Time Is Right

Figure 1) Comparing labor resources for tape-based backup versus NetApp SnapVault systems. A tape system requires four times more labor resources than a NetApp SnapVault disk backup system. Source: Mercer Management Consulting, “Total Cost Comparison of Backup Technologies,” February 2006.
“At the remote sites, we no longer need an administrator to run backups—it’s all done automatically with SnapVault back to Houston. And again, because of the efficiency of SnapVault, we have been able to utilize existing T1 connections.”

Bradley Lauritsen
Team Lead, Exploration Computing Department, Apache Corporation

NetApp data sheets
• Remote Office Backup Solution data sheet
• SnapVault data sheet
• NearStore VTL data sheet
• IS1200 data sheet
• DataFort Security Appliances data sheet

5. NetApp Internal test results.

Figure 2) Backup technology solutions.

NetApp creates innovative storage and data management solutions that accelerate business breakthroughs and deliver outstanding cost efficiency. Discover our passion for helping companies around the world go further, faster at www.netapp.com.