



**NetApp™**  
Go further, faster



Enterprise Messaging Solutions

# NetApp Storage and Data Management Solutions for Microsoft Exchange

Reduce costs, increase availability, and simplify management

## KEY BENEFITS

### Lower TCO

Save more than 30% compared to legacy storage solutions.<sup>1</sup>

### Improve Availability

Shrink Exchange downtime with online storage provisioning and fast backup and recovery.

### Speed Backup and Recovery

Protect your data with more-frequent, nearly instantaneous backups with little or no impact on system performance. Recover any-size Exchange database in minutes instead of hours or days.

### Recover Single Mailboxes Easily

Recover and restore individual mailboxes, files, or attachments in minutes without impacting system availability.

### Simplify Management

Simplify Exchange data management with automated backup, recovery, archiving, and disaster recovery.

## THE CHALLENGE

### Simplify Microsoft Exchange data management

Today, enterprise messaging is viewed as a business-critical application for many companies. The market-leading enterprise messaging system is Microsoft® Exchange Server. With this powerful platform, you can increase productivity by enabling people across your organization to communicate and collaborate quickly and easily. To get the most value from your enterprise messaging system, you need a highly reliable storage infrastructure that maximizes data availability. You also need to be able to rapidly recover in the event of an outage or a disaster, and you must address the growing e-mail storage requirements that are pressuring IT budgets. This issue is particularly common among businesses using direct-attached storage for their enterprise messaging infrastructure, which produces underutilized storage assets and high storage administrative costs.

Some businesses are also contending with the challenge of managing multiple messaging platforms of varying vintages across the enterprise—perhaps as the

result of a merger or an acquisition.

These companies have an opportunity to consolidate and standardize their enterprise messaging environment but need help developing the right infrastructure strategy. They also may need help migrating to Microsoft Exchange Server 2007, minimizing any impact on users during the transition.

Another important challenge that many companies face today is the need for a secure yet economical archival solution to comply with regulation requirements and further reduce storage costs.

To address these challenges, you need an approach that focuses on storing and managing your Exchange data more efficiently and economically while increasing the availability of your enterprise messaging environment to users across your company. You also need a flexible enterprise messaging infrastructure that can readily scale to keep pace with the evolving needs of your business.

## THE SOLUTION

NetApp's comprehensive storage and data management solutions store, manage, protect, and retain data for enterprise

**Microsoft®**  
**GOLD CERTIFIED**  
*Partner*

2009 ADVANCED INFRASTRUCTURE SOLUTIONS  
Storage Solutions  
**PARTNER OF THE YEAR**  
WINNER

“Consolidating our Exchange storage on solutions from NetApp has helped us reduce costs. We eliminated some 22 Exchange servers, streamlined administration, and increased capacity utilization. Passing those cost savings on to our customers in the form of lower per-mailbox prices helps our competitive position. Reducing costs, adding functionality, and improving service availability—it all adds up to customer satisfaction and retention. NetApp’s solution has met all of our goals and expectations.”

**Andreas Huber**

Senior Systems Engineer and Planning Manager for Exchange,  
Siemens IT Solutions and Services

messaging systems based on Microsoft Exchange Server. Our solutions are designed to help you increase availability, reduce storage costs, and simplify your IT environment to improve manageability and increase productivity. We help your business go further, faster by enabling people in your enterprise to communicate and collaborate whenever they need to with coworkers, partners, and customers. As a result, they are more productive and can contribute more effectively to the overall success of your business.

Our storage and data management solutions for Microsoft Exchange include:

- Consolidation
- Backup and restore
- Business continuity
- Archive and compliance

#### **INCREASE DATA AVAILABILITY AND IMPROVE PRODUCTIVITY**

You can increase data availability, improve productivity, and realize significant cost savings by migrating and consolidating your Exchange Server data onto our NetApp® storage systems. You also can increase data protection with NetApp Snapshot™ technology, which enables you to make more frequent backups—without impacting system performance—while increasing the efficiency of your storage resources. Streamlining your storage

infrastructure with NetApp also helps you simplify data management and provides a solid foundation for a smooth transition to Microsoft Exchange Server 2007. NetApp Global Services and our extensive partner network can provide expert help to assist you with your consolidation planning and implementation.

#### **SPEED BACKUP AND RESTORE**

Our backup and restore solutions let your IT staff automate data backups, which are performed almost instantaneously with little or no impact on system performance. With NetApp, you can quickly and easily recover and restore data, including individual mailboxes, messages, or attachments. As a result, you can provide improved data protection and increased availability for your enterprise messaging system.

#### **ENABLE BUSINESS CONTINUITY**

Our business continuity solutions help you safeguard your business-critical messaging and communications system and minimize downtime in the event of a disaster. With NetApp, you can quickly reestablish full system functionality and help keep your business running at peak performance.

#### **MEET ARCHIVE AND COMPLIANCE REQUIREMENTS**

Our archive and compliance solutions help you further reduce storage costs by providing

affordable, disk-based long-term storage. Our solutions integrate with major archiving applications to help reduce complexity. For additional security, we also offer encryption solutions that reduce the risk of inadvertent or malicious alteration of messaging data.

#### **ENJOY RAPID RETURN ON INVESTMENT**

You earn a rapid return on investment and enjoy lower total cost of ownership with our solutions and services that simplify your enterprise messaging environment. With our storage solutions tailored for Microsoft Exchange Server 2003 and 2007, you can:

- Save money through improved storage utilization.
- Reduce data management overhead.
- Increase productivity.
- Enhance the resiliency of your Exchange environment.
- Grow when you need to, without disrupting your end users.

You can find out more at your local Microsoft Technology Center. There, you will see how the combination of Microsoft and our hardware, software, and services provides a resilient foundation for even the most demanding enterprise messaging environment. Please contact your NetApp representative to learn more.

## CHALLENGE

## NETAPP'S SOLUTION

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### Reduce costs

You can reduce storage costs, centralize management, and use your storage and servers more efficiently when you consolidate your existing enterprise messaging environment on NetApp.

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### Improve availability

With NetApp FAS storage systems, you minimize disruptions caused by expanding your online storage. Your backups are near instantaneous, and you have the ability to recover any-size database in minutes.

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### Make a smooth transition

You can minimize user disruption during implementation of your new storage solution with the help of our Global Services and wide network of partners. Our Exchange expertise guides you through planning, implementing, and migrating your enterprise environment to Exchange Server 2003 or 2007 using NetApp storage.

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### Support e-mail volume growth and retention

As your e-mail volume grows, you can add storage capacity without disrupting Exchange or your users. To further reduce costs, you can seamlessly archive older data onto high-capacity, lower-cost NetApp NearStore® on FAS storage systems by using leading e-mail archival applications.

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### Simplify management

E-mail administration is more efficient when you use our SnapManager® for Exchange. With SnapManager for Exchange, you can automatically back up, recover, and manage your Exchange Server data.

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### Improve backup/recovery

Backup and recovery processes are more efficient and reliable with our Snapshot technologies. You can:

- Recover any size database in minutes rather than hours with NetApp Snapshot
- Create hundreds of near-instantaneous, non-performance-degrading backups with SnapRestore®
- Protect against disaster with our flexible SnapMirror® remote mirroring software

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### Speed search and retrieval

You can quickly find and retrieve mailboxes, messages, and attachments directly from online and offline Snapshot copies with our Single Mailbox Recovery for Microsoft Exchange software. In addition to saving time, NetApp Single Mailbox Recovery helps you further reduce costs by eliminating the need to set up and maintain a separate recovery server and storage system to restore individual mailboxes.

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### Increase e-mail compliance

You can implement e-mail retention policies and regulations by archiving e-mail using our SnapLock® software to create compliant WORM (non-overwritable) volumes.

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### Increase security

If your Exchange data is lost or stolen, it remains inaccessible to outsiders when you use our NetApp DataFort encryption appliances. With our low-latency approach to encryption, you can secure your data without sacrificing speed.

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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 [NetApp.com](http://NetApp.com).

<sup>1</sup> Mercer Management Report, "IT Decision-Maker Perspectives on EMC, HP and Network Appliance™ Storage Area Network Solutions in Microsoft Exchange Environments," June 2006.

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