

ENTERPRISE APPLICATION SOLUTIONS

## NETAPP SOLUTIONS FOR MICROSOFT® EXCHANGE

“NetApp has reached the status of Gold Certified Partner for Advanced Infrastructure Solutions by demonstrating increased levels of developer certification and deep real-world experience, and by providing completed customer reference projects that were independently verified by Microsoft.”

**ALLISON WATSON**  
Vice President, Partner Sales and Marketing Group, Microsoft Corporation

### KEY BENEFITS

**Recover** any size Exchange database in minutes instead of hours or days

**Save money** with 136% ROI\*

**Minimize Exchange disruptions** with instantaneous backups, immediate storage provisioning, and rapid database restores

**Fully automated** backup, recovery, archiving, and remote mirroring

**A simple IP SAN solution** that can be easily managed by your existing Windows® server administration staff

**Microsoft supported**, Windows logo qualified storage

**A proven solution** serving thousands of customers and millions of Exchange mailboxes

**Sophisticated data management made simple, cost-effective, and tailored for Exchange.**

If you depend on Microsoft Exchange to support your business operations, you need a highly reliable infrastructure that delivers maximum data availability. Unfortunately, if yours is like most Exchange environments, the rapid growth of data stored by Exchange has led to a proliferation of Exchange servers—each with direct-attached storage—resulting in high overhead costs, underutilized server and storage assets, unreliable backup and restore processes, and poor system availability. Sound familiar? Eliminating

these problems requires an approach that both simplifies and hardens your messaging infrastructure.

### SOLUTION

Network Appliance offers a comprehensive suite of hardware, software, and services that enables you to consolidate data from multiple Exchange servers onto NetApp storage, increasing data availability and scaling to accommodate future needs while reducing management complexity and cost.

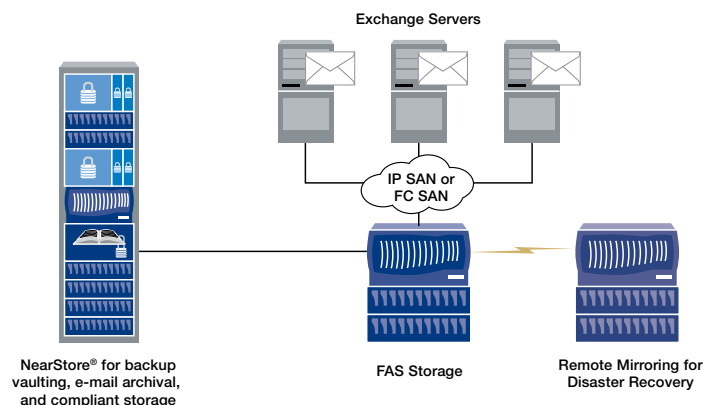


Figure 1) Consolidating Exchange storage using NetApp solutions.

\*The Total Economic Impact™ of Microsoft Exchange Storage Consolidation Using Network Appliance, Forrester Research, 2004

CHALLENGE	NETAPP SOLUTION
<b>Poor availability</b>	<b>NetApp FAS storage systems</b> provide robust, fault-tolerant storage, minimizing disruptions with on-the-fly disk expansion, near-instantaneous backups, and the ability to recover any size database in minutes.
<b>E-mail growth and retention</b>	Meet e-mail growth demands by rapidly adding storage capacity without disrupting Exchange. Expand mailboxes seamlessly onto high-capacity, lower-cost <b>NetApp NearStore</b> disk storage using leading e-mail archival applications.
<b>E-mail compliance</b>	<b>NetApp SnapLock®</b> enables you to satisfy e-mail retention policies and regulations by archiving e-mail on compliant WORM volumes.
<b>Message and mailbox recovery</b>	<b>Single Mailbox Recovery</b> allows you to quickly find and retrieve lost mailboxes or individual messages directly from backups without building an Exchange recovery environment.
<b>Reducing cost</b>	Consolidate storage leveraging your existing IP and Ethernet infrastructure to reduce storage costs, centralize management, and enable more efficient storage and server utilization.
<b>Management complexity</b>	<b>NetApp SnapManager® for Exchange</b> automates backup, recovery, and migration activities. The simplicity of NetApp solutions allows any Windows administrator to manage consolidated SAN storage.
<b>Backup/recovery and disaster recovery</b>	<b>Snapshot™</b> , <b>SnapRestore®</b> , and <b>SnapMirror®</b> provide the ability to recover any size database in minutes; create hundreds of near-instantaneous, non-performance-degrading backups; and perform efficient, flexible remote mirroring to protect against disaster.
<b>Minimize disruptions</b>	<b>NetApp Global Services</b> provides expertise to augment or offload your IT staff and can help architect, plan, implement, and migrate your Exchange environment onto NetApp storage successfully and on time.

### WHAT CHOOSING NETAPP MEANS FOR YOUR BUSINESS

With a NetApp storage solution tailored for Exchange, you save money through improved storage utilization, reduced management overhead, and increased productivity while greatly enhancing the reliability of your Exchange environment. When you need to grow your environment,

you can do so rapidly—without disruption to applications and end users. All these benefits result in the rapid return on investment and lower total cost of ownership on which NetApp has built its reputation. NetApp has the products and services to simplify your e-mail operations and improve your bottom line.

### ABOUT NETWORK APPLIANCE

Network Appliance is a world leader in unified storage solutions for today's data intensive enterprise. Since its inception in 1992, Network Appliance has delivered technology, product, and partner firsts that simplify data management. Information about Network Appliance™ solutions and services is available at [www.netapp.com](http://www.netapp.com).

