

# Mimosa™ NearPoint Disaster Recovery Option

## Automated Disaster Protection and Service Recovery for Exchange

Microsoft® Exchange demands the highest levels of data protection and availability, including off-site data replication for protection against site disasters or system outages. The Mimosa™ NearPoint Disaster Recovery Option for Microsoft Exchange Server provides automated disaster recovery of Exchange service in an application-intelligent manner, maintaining application consistency and integrity. Using the Disaster Recovery (DR) Option, administrators can recover Exchange services to a local—or remote—standby Exchange Server, with a “one-click” operation. The Mimosa NearPoint Disaster Recovery Option manages complete recovery of Exchange data and preserves continuity of Exchange service, reestablishing user access to Exchange after a disaster. For organizations of any size, the Mimosa NearPoint Disaster Recovery Option satisfies businesses’ needs to protect and preserve access to critical Exchange and archive message data in the event of a disaster.

### Key Benefits

- Provides fast Exchange service recovery and continuous data protection for Exchange, fully integrated with Mimosa NearPoint
- Enables application-intelligent replication based on Exchange log files, preserving data consistency and integrity by ensuring a corruption-free copy of Exchange databases at the disaster recovery site
- Offers a zero-footprint disaster recovery solution; no agent or kernel driver software is installed on Exchange Server that might cause instability and compete for CPU, memory, and storage resources
- Provides integrated DR monitoring, which alerts the administrator of any changes to the DR configuration and key DR status
- Offers a practical approach to Exchange disaster protection without the cost and complexity of wide-area clustering

### Exchange Disaster Protection

The Disaster Recovery Option integrates with Mimosa™ NearPoint™ and provides a total solution for Exchange data protection; both local and remote configurations are supported. The Mimosa NearPoint server by itself is capable of restoring Exchange databases, Storage Groups, or the entire Exchange Server in the event of a hardware or software failure. The Disaster Recovery Option extends the capability

of NearPoint and enables restoration of Exchange data to a standby Exchange Server, including restarting of Exchange services and remapping of mailboxes in an Active Directory Server. Administrators configure disaster recovery policies and perform pretests to verify that standby servers are configured accurately. When disaster strikes, one click is all it takes to initiate complete Exchange failover. Fast, automated recovery of Exchange, performed by NearPoint, minimizes loss of service and provides business continuity of critical Exchange services.

Management of the Disaster Recovery Option is simplified with wizard-driven menus that guide the DR setup and help define the failover policies. Configuration checks are performed during the setup process to ensure the accuracy of the environment. Should resources change, DR monitoring will alert the administrator that something has been altered in the DR setup. The Disaster Recovery Option ensures that the DR setup is accurate and will perform reliably when disaster strikes.

Archiving

Storage Management

Recovery



### CUSTOMER SPOTLIGHT

*“Mimosa Systems’ revolutionary approach to Exchange data protection, archiving, and storage management provides a complete, non-disruptive, off-host copy of mission-critical email data. With the NearPoint Disaster Recovery Option, customers can now have locally replicated copies of their Exchange and archived data and have an off-site copy for disaster recovery purposes, reducing costs and enhancing employee productivity.”*

— **Brad O’Neill**  
Senior Analyst,  
Taneja Group

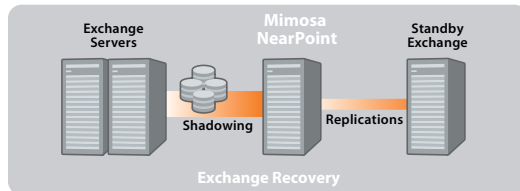


### Flexible Exchange Disaster Configuration

The Mimosa NearPoint Disaster Recovery Option supports multiple configurations, allowing optimization for cost, performance, and data protection. To minimize cost, the DR Option can support a single standby Exchange Server. To maximize performance, the DR Option can continuously replicate Exchange data to the standby Exchange Server. For archive data protection, the DR Option supports continuous replication of NearPoint archive data to a secondary NearPoint server. And for full site protection, the DR Option supports replication of both Exchange data and archive data to the recovery site.

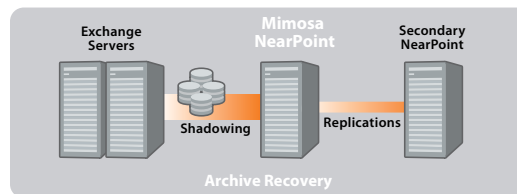
### Scenario 1: Exchange Recovery

In the first scenario, one Exchange Server is located at the recovery site and it is configured with Storage Groups and databases that match the primary Exchange Server. Using third-party replication software, the Disaster Recovery Option performs byte-level replication of the Exchange database files on the NearPoint server to the standby Exchange Server. Should the primary Exchange Server fail, the administrator triggers a predefined disaster failover policy that begins the process of restarting Exchange services and remapping mailboxes in an Active Directory Server. Exchange services at the recovery site are restored in minutes with no loss of data.



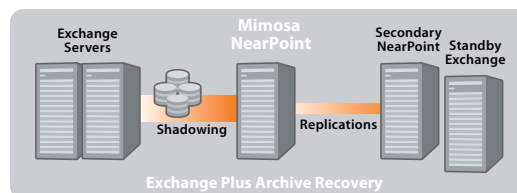
### Scenario 2: Archive Recovery

In the second scenario, one NearPoint server is located at the data center with the primary Exchange Server, and a second NearPoint server is located at the recovery site. Using third-party replication software, the Disaster Recovery Option performs byte-level replication of all NearPoint archive data to the secondary server. If the primary NearPoint server fails, the replicated NearPoint server is promoted to become active. Users and auditors regain immediate access to their archive mailboxes for search and discovery, and more importantly, there is no loss of archive information.



### Scenario 3: Exchange plus Archive Recovery

In the third scenario, Exchange Servers and the NearPoint server exist at the primary data center, and standby Exchange Servers and a secondary NearPoint server exist at a recovery data center. NearPoint server replication is performed using third-party replication software that is completely managed by the Disaster Recovery Option. If disaster strikes the primary data center, the replicated NearPoint server is promoted to active and manages failover of Exchange service. The NearPoint Disaster Recovery Option manages the combination of both Exchange and NearPoint recovery processes to fully protect Exchange and archive data.



### SYSTEM REQUIREMENTS

- Microsoft Windows Server 2003
- Microsoft Exchange Server 2000, 2003, or 2007
- Mimosa NearPoint for Microsoft Exchange Server

### SUPPORTED THIRD-PARTY REPLICATION SOFTWARE

Double-Take® software

### ABOUT MIMOSA SYSTEMS

Mimosa Systems, Inc., delivers next-generation information management solutions with Mimosa NearPoint™, providing a live content archive for Microsoft Exchange Server. NearPoint unifies archiving, eDiscovery, recovery, and storage management in a single solution, assuring email continuity and regulatory compliance.



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