



# Microsoft® Exchange Server Risk Mitigation & Compliance Management

**The Big Picture** **Information.** Often, it's the most valued business asset, and often, it resides in e-mail. That's why companies backup and protect their e-mail systems. But - often - that is not enough.

Today, enterprises are facing a growing number of compliance requirements. Government regulations, audit requirements and potential legal disputes mean that messages need to be managed in consistent, specific ways. They also need to be readily searchable to respond to audit requests and fast-moving litigation.

But message access is not only important from a compliance standpoint. It is required to quickly recover failed systems. The amount of downtime that businesses find acceptable varies from company to company. But even minor failures of short duration are unacceptable for almost all organizations and, for many, e-mail needs to be 100% available.

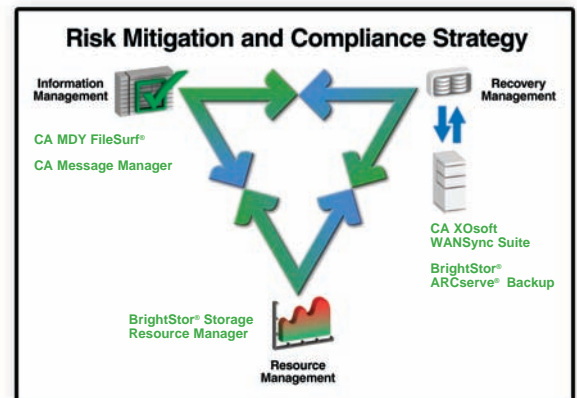
Further, all organizations are facing escalating mail volumes. It is axiomatic that today's robust e-mail services and storage systems will not meet future needs. Mitigating e-mail risk means meeting current demand while anticipating tomorrow's requirements.

**Strategy** To address the challenges that risk mitigation and compliance pose for today's enterprise e-mail platforms, Microsoft and CA have aligned resources and core technologies to develop a strategy comprised of three components:

**Information Management** - Best-practice e-mail systems are a lot more than backed up servers. Messages must be properly archived according to enforced retention and disposition policies. Government, legal and other compliance requirements need to be met with granular search and retrieval technologies to deliver quick, cost-conscious access that avoids expensive, outsourced solutions.

**Recovery Management** - Risk mitigation is, in part, a function of message system and archive availability. An organization demanding continuous e-mail protection and data availability requires a different solution than an organization with backup and restore requirements based on hours or days. A specific Microsoft/CA goal is to help enterprises tailor recovery management that meets their needs.

**Resource Management** - Risk mitigation over time is a cyclical process consisting of ongoing monitoring and analysis followed by planning, designing and implementation. Successful resource planning - facilitated by advanced reporting and analytics - is essential to cost-conscious, comprehensive e-mail risk mitigation.





## Solutions

The solutions provided by Microsoft and CA enable IT organizations to optimize the risk mitigation and compliance of Exchange Server environments. Microsoft platforms such as Windows Storage Server add functionality and robustness to industry-leading Exchange Server while core Microsoft technologies such as Volume Shadow Copy Services (VSS), Active Directory®, Cluster Services and One Button Disaster Recovery (OBDR) facilitate delivery of advanced risk mitigation and compliance management.

The CA solutions that leverage these technologies are not a bundle or suite. However, they are optimized for Windows interoperability to help meet broad risk mitigation and compliance goals without expanding your vendor roster.

**CA MDY FileSurf®** delivers enterprise-wide compliance and discovery through advanced records management technology.

- Microsoft Outlook® and Exchange Server integration automates record-keeping
- End users work in the familiar Outlook environment
- Comprehensive capabilities lets users declare e-mail and attachments as documents of record

**CA Message Manager** is a powerful message archive, discovery and compliance solution providing:

- E-mail monitoring and supervision to help track and manage use
- Advanced discovery for litigation support and analysis to help protect businesses and quickly respond to legal challenges
- Automatically archives Exchange server messages and attachments to lower cost storage
- Seamless end user access to archived messages and attachments directly from Outlook

**CA XOssoft WANSync Suite** ensures continuous availability of critical business applications and data. Key technologies include:

- Real time data replication
- Application failover and fallback
- Continuous data protection (CDP) for granular recovery
- Backup/recovery integration for offsite and window-less backups, installs, and upgrades

**Exchange Server 2007** gives employees anywhere access to e-mail, voice mail, calendars, attachments, contacts, and more no matter what type of device they are using.

- Keeps communication alive with enterprise-class availability
- Gets more from hardware, software, and network investments through 64-bit computing
- Simplifies regulatory compliance and supports the needs of employees, compliance managers, and messaging administrators

**BrightStor® ARCserve® Backup** delivers industry-leading "insurance for your data."

- Complete protection for your Microsoft environment, including Exchange Server, SQL Server, SharePoint Server and Data Protection Manager
- Leverages Microsoft technologies including VSS, OBDR, Cluster Services, Windows Storage Server, and Active Directory
- Backup to disk, tape, or Disk-to-Disk-to-Tape (D2D2T)

**BrightStor® Storage Resource Manager** enhances storage efficiency through centralized monitoring, management and analysis of storage resources, capacity, allocation and usage.

- Provides detailed monitoring and analysis of Exchange data protection strategies
- Generates comprehensive reports on Exchange and networked storage resources
- Helps control Exchange storage-related costs
- Exchange backup failure detection and alerting

**Windows Storage Server 2003 R2** delivers simple, dependable backup and replication of stored data everywhere from the branch office to the data center.

- Volume Shadow Copy Services (VSS) enhances data protection through high-fidelity backups, rapid restores, and data transport
- Multipath I/O (MPIO) improves availability and load balancing
- Better integration of storage area networks (SANs), including gateway capability for multi-vendor SANs
- Internet Small Computer System Interface (iSCSI) support for connectivity to IP targets and IP SANs

## Take The Next Step

For help improving the risk mitigation and compliance of your Exchange environment, contact your Microsoft or CA sales representative or, to learn more, go to [www.ca.com/storage](http://www.ca.com/storage).

### Unifying The Enterprise

CA and Microsoft have aligned CA's global resources in enterprise IT management with Microsoft's leadership in software, services, solutions, and platform technology to form a joint initiative. Working together, we help organizations reduce risk, remain compliant, manage information and maintain best practices by unifying the enterprise. This initiative represents an unparalleled commitment to deliver better performance and value to today's IT professionals.

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