

# CommVault Galaxy® Data Protection 7.0 for Microsoft Exchange Server 2007 Systems

Reliable Data Protection for Exchange Systems and their Environments

## Top Reasons Why Customers Choose CommVault® Solutions for Microsoft Exchange Server 2007

1. Singular Windows-Centric solution enables backup, recovery, active-archiving, content management and compliance solution for Exchange Server 2007.
2. Assists and accelerates upgrades to Exchange Server 2007 by restoring granular items from previous versions of Exchange dating back to Exchange 5.5.
3. 64-bit optimization enables superior performance of data movement, in particular for large Exchange environments.
4. Integration with new Exchange Server 2007 features such as Replication (CCR, LCR), VSS and Unified Messaging including the ability to restore Active Directory objects and attributes.
5. Capability to manage all of your data from any location, anywhere in the world with Internet connectivity.

## Solution Overview

CommVault® Simpana™ enables high-performance data protection, active-archiving and content indexing for discovery, compliance, legal and regulatory requirements, enhancing the management of Microsoft Exchange Server 2007. CommVault's suite of data management software is built on a single, Microsoft Windows-based software platform so that it all works easily together. The CommVault solution can assist and accelerate your new install or upgrade to Exchange Server 2007. While protecting the Windows Server environment Exchange Server 2007 resides in, CommVault software adds granular management of mailboxes, messages and Microsoft Office information like contacts, calendar items, notes, and so forth.

The CommVault Simpana suite is optimized to take advantage of the 64-bit computing environment and Volume Shadow Copy Services (VSS) while integrating with new features of Exchange Server 2007 like Continuous Cluster Replication, Local Continuous Replication (CCR/LCR) and Unified Messaging.

CommVault archiving capabilities enable Exchange Server 2007 data to be used to meet discovery, compliance and legal and regulatory requirements. Data can be searched and recalled based on content, regardless if it is directly embedded in Exchange Server 2007 or within the Windows environment.



I have used CommVault® [software] for years here in Microsoft IT for Exchange and have done thousands of backups and restores and never once have I had an issue restoring data.

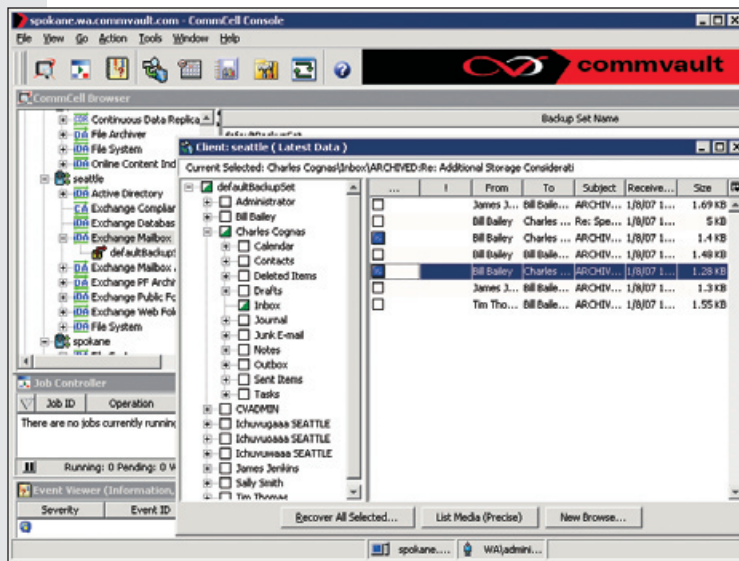
Georgia Huggins, Operations Analyst,  
Microsoft IT



CommVault software has also been used in production by Microsoft IT for years before Exchange Server 2007 was released. This unique cooperation between CommVault and Microsoft teams has enabled our customers to leverage years of experience and optimization, raising the reliability of CommVault software.

Upgrading and adhering to compliance standards is easier with CommVault software, because you can restore older granular Exchange 5.5, Exchange 2000 and Exchange Server 2003 data to Exchange Server 2007. You have the same forward mobility of Windows file system data, Microsoft Active Directory data and Microsoft SharePoint Product and Technologies data.

One Unified Solution  
for enterprise data  
management



## Business Pain Points Addressed

- ▶ Simplifies data management, protection and archiving through a centralized browser interface and Microsoft Office Outlook client
- ▶ Granular management of mailboxes, messages, contacts, calendar items, and notes
- ▶ Legal and regulatory requirement-ready with integrated use of Exchange Journaling feature
- ▶ VSS "Generic Requestor" enabling a single operation for hardware/provider-based snapshots regardless of vendor
- ▶ Designed for the VSS Framework, including automatic integrity checks
- ▶ Content-sensitive search and retrieve of Exchange Server E-Mail and attachments
- ▶ CommVault Single Instance Storage backup eliminates archaic "BRICK Level Backups"
- ▶ Simple browse across all mailboxes in an Exchange server
- ▶ Single Instance Storage of messages preserved into archives
- ▶ Automatic Resume enables interrupted operations – backup, recovery, archive, and retrieve – to continue where they left off when failures in servers and networks occur
- ▶ Synthetic Full Backup significantly reduces the number of full backups required and interaction with Exchange databases

- ▶ Policy based Active-Archiving enables users to remain within mailbox quotas while still allowing access to older, less-used messages
- ▶ Protects the Windows Server System foundation where Exchange resides
- ▶ Unified Console interface manages both Exchange and SharePoint Products and Technologies data, especially key when SharePoint services are utilized as a public folder repository within Exchange systems
- ▶ Resource Management to monitor and anticipate primary and secondary storage use, with integration towards Microsoft Operations Manager (MOM)
- ▶ Recreate mailbox during restore of deleted mailbox
- ▶ Easy Tiered Storage Management as secondary, tertiary and more copies can be created within your enterprise for simple disk-to-disk-to-tape media management

## Technical Pain Points Addressed

- ▶ Backup, Recovery, Replication, Migration, Archiving and Snapshot Recovery of granular items for an entire Exchange Server with the Windows Server System environment
- ▶ Snapshot Quick Recovery™ software enables multiple point-in time snapshots (VSS) and the ability to recover an Exchange database in minutes
- ▶ Active Directory capabilities enable management of objects and attributes, including the ability to recreate an object with the Security Identify Information (SID) for Windows Server 2003 environments

## SIMPANA™ software suite

CommVault's Simpana™ suite of Data Protection, Archive, Replication, Resource Management and Search software is designed to work together seamlessly from the ground up, sharing a single code and common function set. This exclusive single-platform architecture enables unparalleled software efficiency, performance and reliability for unprecedented control over data growth, costs and risk.

- ▶ Continuous Data Replicator provides replication of Exchange data with or without CCR or LCR, well-suited to smaller remote office locations
- ▶ Worldwide, virtual management capable using a browser-based interface
- ▶ Multi-lingual support, including Outlook plug-in for active archiving so users can remain in their native language
- ▶ Simple off-site data management with the ability to mix and match media types (Disk, SAN, NAS, Tape, Magneto-Optical, DVD, and so forth)
- ▶ Reporting is made simple and can even include custom data management reports that can be sent to mobile phones
- ▶ PST Files can be reduced or eliminated with CommVault software
- ▶ PST Data can be added for content and archive tracking
- ▶ Attachment Type Configuration for backup so that certain file types can avoid backup
- ▶ Unified Messaging integrated with a Singular Information Management strategy

### **Underlying these capabilities is a set of common services:**

- ▶ Accelerate your upgrade to Exchange Server 2007 knowing that data can be retrieved from Exchange 5.5, Exchange 2000 and Exchange Server 2003 at the message, mailbox or Outlook extended information level
- ▶ CommVault 64-bit optimization ensures high performance and full advantage of the 64-bit server technology and 64-bit Windows Server software
- ▶ Users can more easily remain within their mailbox quota limits by using CommVault mailbox management and leverage less expensive secondary storage (for example, Windows Storage Server) for older, less utilized messages
- ▶ Granular protection, back to a point-in-time for mailboxes, messages, calendar items, contacts, notes, drafts, tasks, Web Folder and Public Folder information
- ▶ CommVault Professional Services: Broad worldwide coverage and support available for rapid installation that can be tailored to your environment

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