



## Application Data Management for Exchange Server Environments with CommVault® Simpana® 9

**Highlights:**

**Simpana® data management software ensures reliable protection and rapid recovery of Microsoft Exchange.**

**Simpana 9 enables users to:**

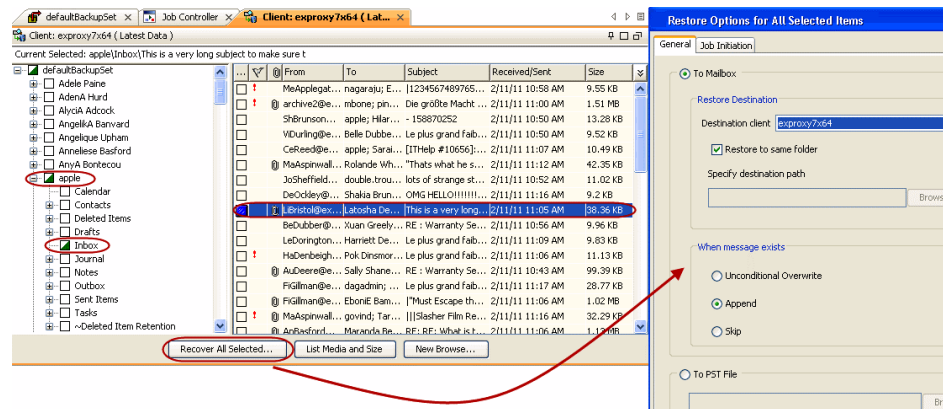
1. Easily protect and archive data residing in your Microsoft Exchange environment using one truly unified platform.
2. Accelerate Exchange Server 2010 migrations knowing messages, mailboxes, or datastore data can be restored from previous versions, even to v5.5 and future versions of Exchange.
3. Recover rapidly with near zero production impact by using integrated snapshot capabilities.
4. Improve Exchange availability using Simpana SnapProtect technology to create and manage multiple point-in-time copies from hardware snapshots
5. Enhance Exchange server performance and backup windows using integrated archiving.
6. Ease audit burden with comprehensive storage resource reporting that is fully integrated into a single platform.
7. Enable seamless migration of archived data into public or private clouds.
8. Be confident that your data is safely protected by software from the world-wide winner of the *Microsoft 2011 Server Platform Partner of the Year*.



Backup and archive software is a fundamental component of application data management. CommVault® Simpana® software forms the foundation from which customers can build a truly unified data protection solution. With a single, modern platform, Simpana software replaces legacy solutions - a collection of fragmented, expensive third-party tools, hardware, and appliances - that impact operational efficiency, are costly, and leave businesses at risk. Consider these factors as you evaluate your data management strategy for Exchange Server:

- **Microsoft Application Protection** – CommVault’s embrace and enhance approach for protecting Exchange and other Microsoft applications is enabled by automated, policy driven capabilities and robust reporting. Rapid, granular recovery of individual mailbox and Outlook data, such as messages, contacts, calendar items and attachments, is possible so that restores of the Exchange database are not required. See Figure 1 below. Furthermore, role based alerting and reporting can be integrated into the Active Directory environment to improve controls and reduce administrative burden.

Figure 1 – Restoring a Message Attachment



- **Integrated Snapshot Management** - Improve Exchange availability using Simpana SnapProtect technology to create and manage multiple app-consistent, point-in-time copies simplifying VSS and hardware snapshot management. Then, minimize production system impact with built in proxy capabilities for indexing, backup generation (including deduplication and encryption), granular access and recovery.
- **Source-side, Global Deduplication** – Deduplication is fully integrated into the core backup and archive process, eliminating the need for separate management layers. Users can efficiently protect data in remote offices, data centers, and disaster recovery sites with a single, global solution. This translates into less complexity, lower costs and ultimately a more reliable data protection approach.
- **Intelligent Archive** – Simpana Archive is a natural fit for Exchange 2010 because it enables a faster, trimmer, better performing Exchange server and helps administrators reclaim valuable primary storage space. It does this by automatically moving items from the production server to secondary storage according to administrator-defined policies like size, age, and file type. Data can then be compressed, deduplicated, and encrypted while end-users retain data access via stubbing.
- **Advanced Capabilities** – Simpana software is ideal for protecting today’s demanding Microsoft and heterogeneous data environments. Key Simpana software capabilities and features included with the Application Data Management Bundle are: the Common Technology Engine, SnapProtect, Deduplication, Tape Output, Reporting, Desktop Laptop Solution, 1-Touch Client, Encryption, cloud integration, CLA management, and the web console for remote management.

## Key Capabilities and Benefits



Capabilities	Benefits
<b>Common Technology Platform</b>	Ensure that important features like archive, snapshot management, deduplication and encryption work seamlessly across disk, tape or the cloud to reduce cost, improve reliability, and increase operational efficiency.
<b>Central Management</b>	Securely manage information wherever it resides; be it mobile workstations, remote offices, data centers, a recovery site, or multiple cloud storage providers. Simpana software is the industry's only truly unified data management platform that reduces management complexity and helps meet your Recovery Time Objectives.
<b>Tiered Storage</b>	Optimize your overall data protection approach according to performance, solution cost and data value. No matter how you tier your storage, you can be assured of rapid, granular recovery from Simpana software's single console.
<b>Rapid, Granular Recovery</b>	Direct recovery from any tier to any target system, including data, from an online snapshot. One snapshot enables file, database, mailbox, SharePoint tem, and transaction log restores. Simpana software also provides searchable recoveries across multiple snapshots / backups at a granular object level.
<b>Deduplication</b>	Improve your RPO and RTO with a better approach to deduplication. Users of source side deduplication can reduce backup times by up to 50 percent and achieve significant storage cost savings. Furthermore Simpana software customers can easily recover from deduplicated data on disk OR tape, an industry exclusive.
<b>Long Term Retention and Release Independence</b>	Reduce operational costs, including storage, data protection, and associated support expenses. Reclaim valuable space with automated email archive based on age, size and usage pattern. Archive data can be stored on cost-effective secondary storage. User and administrator productivity can improve by eliminating restrictive mailbox quotas and consolidating disparate PST archives while maintaining direct access. Browse, search and restore across various versions of Exchange.
<b>Capacity Licensing</b>	Pay for what you protect, no matter how complex the environment and software agents required. This dramatically simplifies the way you pay for data protection. Simpana 9 also provides unprecedented visibility and ease of management. Graphic dashboards update staff daily on capacity usage, threshold warnings and trending.
<b>Comprehensive Reporting</b>	Focus efforts on high priority activities. Simpana reporting allows you to quickly identify the status of your data protection environment, where hot spots may be developing, or where resources are being consumed.
<b>Solving Forward</b>	Start with a robust suite of essential data protection and archive techniques, then seamlessly grow into more sophisticated approaches like snapshot backup or cloud storage. Because Simpana software is developed on a single code base, it is a simple matter to add capabilities that include content indexing, search, and e-discovery.
<b>Services &amp; Support</b>	Augment staff, train your team, or simply find solutions to unexpected problems. CommVault works closely with customers and partners to enable right size / right cost options that enable Simpana solutions and minimize Time to Value.



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