

## CommVault® Extends its Commitment to Unified Data Management with Gen 3 Deduplication

### Highlights:

Simpana® software expands deduplication benefits across the enterprise by integrating source side and target side data deduplication.

1. Source side deduplication eliminates redundant backup and archive data at the client, before using expensive network resources.
2. Deduplicate multiple datasets, across different storage systems, and storage policies.
3. Compatible with industry leading disk, tape, and cloud storage platforms to improve cost, ease of use, security and reliability.
4. Dramatically reduce the time required to copy data to tape or the cloud using new DASH Copy and DASH Full capabilities.
5. Simpana software was voted *Storage* magazine's 2009 Enterprise Data Storage Product of the Year. Be confident that your data are protected by the industry leader.



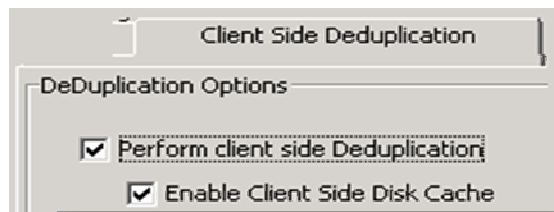
### Gen 3 Deduplication

Deduplication has rapidly become a standard requirement for many IT architects. Building on its leadership in this area, the third generation of CommVault® deduplication allows users to reduce storage costs, use fewer network resources, shorten backup windows by up to 50 percent, and eliminate the lock-in associated with appliance based approaches.

CommVault users have grown to expect excellence from Simpana® software. This unified solution was selected as *Storage* magazine's 2009 Enterprise Data Storage Product of the Year and is also a four time winner of its Quality Award for service and reliability.

Modernize your data management strategy today with the entire Simpana software solution. See how CommVault uses unified data management and sets itself apart from lesser competitors with limited capabilities. Gen 3 deduplication enables users to:

- **Reduce Storage Consumption** – Reduce storage needs by up to 90 percent. Eliminate redundant backup and archive data by starting at the source. Each source, or client server, uses a two-part process to eliminate duplicate data from its own data set, then from all other clients using a global policy.
- **Optimize Network Infrastructure** - Source side deduplication typically moves only one-tenth the data of target based approaches. This helps enable practical protection of remote sites and a mobile workforce.
- **Scale Out Easily**- Protect PBs of backup and archive data using a modular, extendable approach that eliminates the need for re-hydration and re-deduplication.
- **Deduplicate Globally, Retain Locally** - Deduplicate across many locations and multiple storage policies. Unique copies with independent retention policies can be created on disk or tape and stored onsite, at a central location, or even in the cloud.
- **Begin Quickly** – With just a few simple clicks, Simpana 9 users can begin to realize the benefits of Gen 3 deduplication.



- **Backup & Recover Quickly** - Each backup node has throughput capability of nearly 3 TB/ hr and can protect 640 TB of production data at a 10:1 dedupe ratio. Rapid granular restores or full system recovery can be realized with no rehydration penalty.

**SIMPANA**  
**SOLVES**  
**Deduplication**

and the rest of your  
data and information  
management challenges.

## Key Capabilities and Benefits



Capabilities	Benefits
<b>Source Side and Target Side Deduplication</b>	Protect remote offices or data centers with better network efficiency. Deduplication can be enabled at both the source (client server) and the target (backup server). Source side deduplication minimizes the time needed to protect remote data and minimizes WAN requirements. Target side deduplication provides a second filter that maximizes deduplication across clients before data are finally stored on disk.
<b>Deduplicate and Recover Directly From Multiple Types of Storage</b>	CommVault Simpana software enables users to deduplicate and recover data seamlessly from multiple types of storage, including disk, tape, and cloud based platforms.
<b>Compatible With Open Storage Platforms</b>	CommVault's open approach to deduplication eliminates the lock-in of appliance based approaches. Any open disk platform can be used if it meets the requirements of your data protection strategy.
<b>Fully Integrated Deduplication</b>	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, unified solution. This translates into less complexity, lower costs and ultimately a more reliable data protection solution.
<b>Deduplicate Data Globally</b>	Data deduplication can be extended to cover multiple data sets, multiple locations, and multiple storage policies. This provides users with maximum flexibility for data management, while minimizing storage acquisition costs.
<b>Flexible Retention</b>	Create many dedupe efficient copies; simultaneously, independently or during non-peak hours and each with independent retention policy that can be tuned to fit your business needs.
<b>Modular and Scalable</b>	Eliminate vendor lock in and scale deduplication using a modular approach that leverages any open storage disk platform. Increasing capacity is as simple as adding more storage to your deduplication data pool, regardless of the original systems or vendors.
<b>Capacity Licensing</b>	Simpana 9 capacity based licensing provides unprecedented simplicity and manageability. Create & retain multiple copies as dictated by your business requirements, yet pay only according to the amount of production data you protect.
<b>Common Technology Platform</b>	Ensure that important features like deduplication and encryption work seamlessly across both disk and tape to reduce cost, improve reliability, and increase operational efficiency.
<b>Global Reporting</b>	Focus team efforts on high priority activities. The global reporting capabilities of Simpana software allows users to quickly identify the status of their data protection environment, where hot spots may be developing, or where resources are being consumed.
<b>Professional Services</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 software solutions and minimize Time to Value.