



Ten Reasons to Deduplicate Your Data with CommVault® Simpana® Software

Reduce Storage Footprint, Capital Spending and Operational Costs

- 1 Reduce Backup and Archive Storage Footprint with Global Data Deduplication.** Reduce secondary and archival storage management, maintenance costs and slow storage acquisitions by eliminating duplicate copies of data regardless of data types, source or storage platform. Extend deduplication to cover all storage tiers including disk and tape.
- 2 Achieve Hardware and Media Independence.** Retain deduplicated data on the storage systems of your choice, including disk and tape in a multi-tiered storage architecture. Leverage the flexibility of integrating or adding-on storage systems from vendors as needed. Take advantage of heterogeneous data recovery, regardless of the underlying storage vendor/media.
- 3 Assure Data Security and Integrity.** Reduce the risks of unintended data exposure with integrated client-side encryption that ensures that all deduplicated data sent to disk or tape is fully protected. Receive immediate alerts with built-in data integrity checks that identify any deviation from the original data composition due to accidental alternation of data during transmission or storage.
- 4 Go Green and Save.** Reduce demand for power, space and cooling with the ability to store 8x to 20x more data on the same amount of backup or archival storage hardware. Extend the cost and environment savings with automated migration and management of long-term data retention on tape, further reducing the strain on data center management costs.

Meet Service Level Agreements for Data Recovery and Retention

- 5 Retain More Data on Disk Longer to Reduce Data Restore Time.** Better deduplication across all pools of backup and archive datasets throughout the entire D2D2T lifecycle dramatically increases available logical capacity on your disk-based storage.
- 6 Quickly Restore and Recover Data Anytime from Anywhere.** Directly recover business-critical data regardless of location, application, storage media, and point-in-time with Simpana software's unique architecture. A combination of our context-aware data management and direct restore from any storage tier minimizes recovery bottlenecks and eliminates reassembly latencies.
- 7 Meet eDiscovery Requirements.** Store more recovery points on disk for longer periods of time so you can content-index deduplicated data rapidly to meet eDiscovery requirements and deliver higher-quality results.

Improve Data Manageability, Backup and Network Performance

- 8 Manage More Data with Fewer Committed Resources.** Reduce your data footprint in order to reduce your hardware and headcount requirements for routine data management. Simpana software's embedded deduplication eliminates configuration, integration and management headaches. Reduce administrative burden with automatic disk management policies such as data aging, load balancing and threshold reporting of your deduplicated data.
- 9 Get an End-to-End Solution Workflow.** Simplify data management with deduplication capabilities integrated into a complete backup and archive workflow. Get a unified view of all your data management processes. Optimized block-level segmentation with content-aware alignment maximizes deduplication across all data types, source clients and platforms.
- 10 Optimize Network Speed and Utilization, Minimize Impact on Production Systems.** Optimize network bandwidth efficiencies and minimize impact on production systems through a distributed deduplication architecture. Simpana deduplication software sends only unique data to be written to disk, reducing network load and processing requirements on your storage devices. Built-in data compression complements our data deduplication to further reduce network load.