



## CommVault Receives FIPS 140-2 Certification for Simpana Software's Fully Embedded Data Encryption Capabilities

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— CommVault Offers Heightened Security across Backup, Archive, Replicated and Deduplicated Data to Lower Risks and Help Ensure Government & Regulatory Compliance —

OCEANPORT, N.J.--(BUSINESS WIRE)--Aug. 18, 2009-- [CommVault \(NASDAQ: CVLT\)](#):

### News Facts

- CommVault has received [Federal Information Processing Standards \(FIPS\) 140-2 certification](#) for its Cryptographic Library from the [National Institute of Standards and Technology \(NIST\)](#).
- CommVault's Cryptography Library is used within its [Simpana® software](#) and when operated in FIPS mode ensures advanced encryption, including cryptographic services for key generation, symmetric and asymmetric encryption, hash functionality and HMAC (Hash Message Authentication Code) security, as well as signature generation and verification.
- CommVault® Simpana 8 offers a unique enterprise data management software solution that has achieved FIPS 140-2 certification across [backup](#), [archive](#), [replicated](#) and [deduplicated](#) data with hardware independence.
- CommVault customers can easily and cost-effectively leverage the widely adopted U.S. Federal encryption standard to protect data, including [email and file archives](#), as it moves across networks and is migrated to different media as part of long-term retention and [disaster recovery](#) strategies.
- CommVault's Crypto feature underwent rigorous, year-long review, testing and certification to validate its encryption capabilities and adherence to Federal government requirements.

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### Software-Based Encryption Lowers Operational Impact, Security Risks & Costs

- [CommVault's embedded encryption](#) capabilities can be applied selectively based on policies so data is encrypted without slowing backups or tiered copies, which can impact the fixed backup window. Policy-based encryption also can lower infrastructure costs.
- A range of encryption key options are available that integrate directly into Simpana software's data management catalog system, which simplifies operations while also ensuring that data is always available for restores or access from any point in the Simpana environment.
- Unlike hardware-based encryption, which can limit decryption/access to like-devices, CommVault's device-independent [key management](#) enables companies to change the storage infrastructure that hosts encrypted data over longer retention periods. The risks of mishandling keys are eliminated and disaster recovery is simplified when different media drives or devices must be used.
- Managing encrypted data and keys in a singular approach minimizes the risks of data breaches as data is migrated over independent copies, dissimilar devices or even distant locations, such as uploads to a public cloud storage service.
- Operating system and device-independence helps eliminate the need to maintain mirrored hardware configurations at each recovery site.

### Integrating Deduplication & Encryption Drives Cost-Efficient Data Reduction

- CommVault's integrated approach to data management couples [content-aware data deduplication/reduction](#) and data encryption/randomization which can result in both decreased storage costs and data leakage risks.
- This combination can reduce infrastructure costs by enabling customers to manage a common collection of encrypted backup and archive copies across database, email, file and collaboration environments.
- As data is moved to offline vaulting locations, to replicated online recovery sites or ultimately into the cloud, combining data center-side reduction and encryption enables CommVault customers to leverage extended storage options offered by public cloud-based storage services.

### Supporting Quotes

- According to Dave Russell, research vice president of storage technologies and strategies at Gartner, "As data moves beyond enterprise boundaries and into the cloud, it's critical to ensure the security of mission-critical information, regardless of whether it resides in backup data or file and email archives. Embedding encryption capabilities within a single unified data management platform gives users the data control and security they demand without incurring the cost and

complexity of deploying and managing disparate point products.”

- “For organizations deploying data management solutions in secure, regulated or government environments,” explains Brian Brockway, vice president of product management, “CommVault is setting the standard with FIPS-certified data encryption and embedded data deduplication that extend end-to-end data management affordably and effectively. With more data moving into tiered archived or vaulted states, CommVault’s embedded encryption is a powerful, yet cost effective option which can be added as needed to Simpana Backup, Archive and Replication policies at a fraction of the cost of hardware-based solutions.”

## Resources

- CommVault® Simpana® 8 Software  
<http://www.commvault.com/products/>
- CommVault Simpana Deduplication Software  
<http://www.commvault.com/solutions-deduplication.html>
- More CommVault news  
<http://news.commvault.com/>
- Simpana 8 Webcast  
[http://www.commvault.com/simpana/?WT.mc\\_ID=316004](http://www.commvault.com/simpana/?WT.mc_ID=316004)
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## About CommVault

A singular vision – a belief in a better way to address current and future data management needs – guides CommVault in the development of Singular Information Management® solutions for high-performance data protection, universal availability and simplified management of data on complex storage networks. CommVault’s exclusive single-platform architecture gives companies unprecedented control over data growth, costs and risk. CommVault’s Simpana® software suite of products was designed to work together seamlessly from the ground up, sharing a single code and common function set, to deliver superlative Data Protection, Archive, Replication, Search and Resource Management capabilities. More companies every day join those who have discovered the unparalleled efficiency, performance, reliability, and control only CommVault can offer. Information about CommVault is available at [www.commvault.com](http://www.commvault.com). CommVault’s corporate headquarters is located in Oceanport, New Jersey in the United States. (cvlt-cs)

## Safe Harbor Statement

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Source: CommVault

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