EXOS™ CORVAULT™

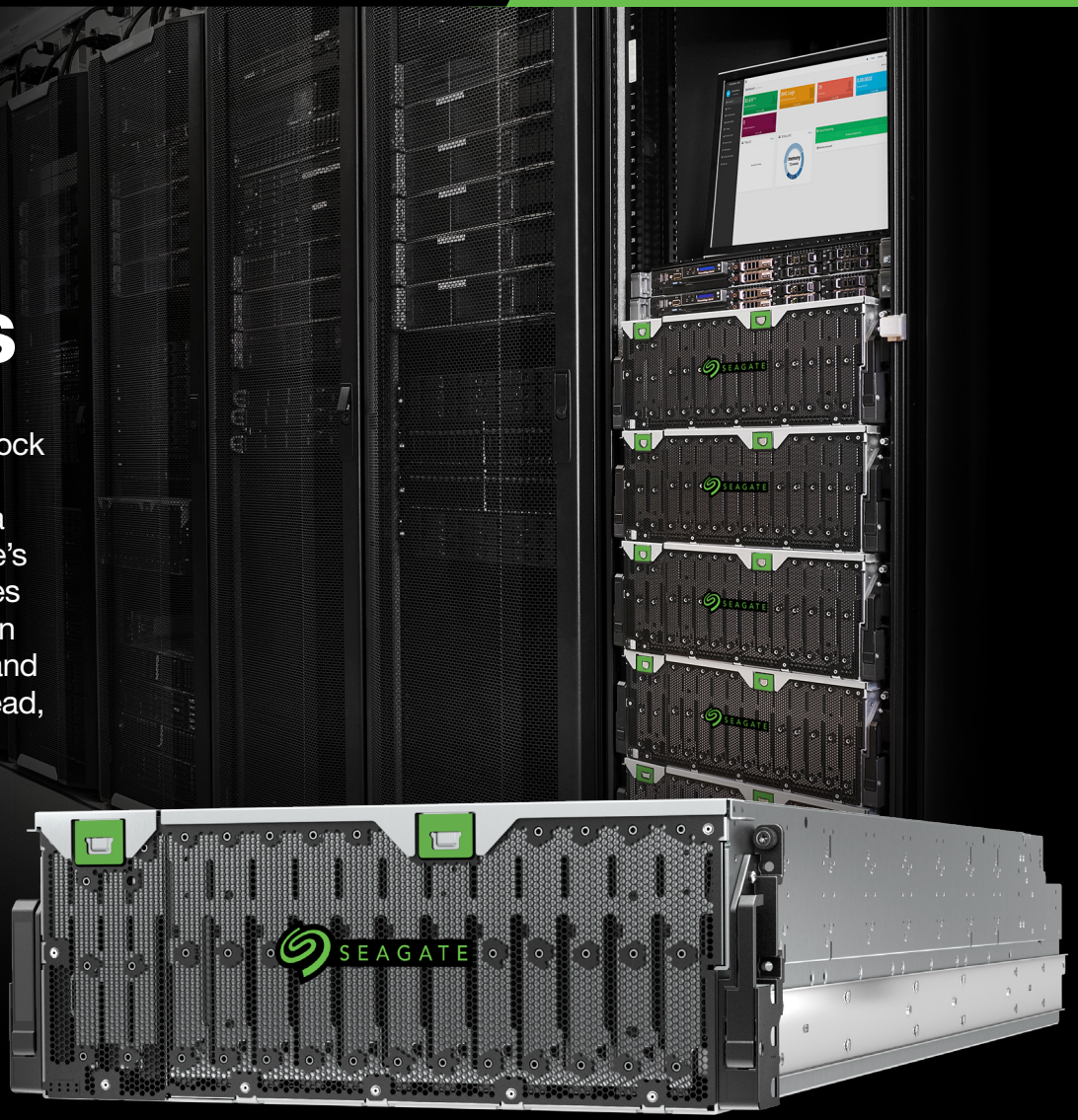
EXOS CORVAULT PRODUCT FLYER

SEAGATE

EXOS CORVAULT

Autonomously Healing Petabytes

Exos CORVAULT is a high performance, self-healing block storage system that delivers multi-petabyte capacity, five-nines reliability, and hyperscale efficiencies for data center and macro edge environments. Utilizing Seagate's Autonomous Drive Regeneration technology, hard drives are automatically renewed to reduce human intervention and e-waste while redundant active-active controllers and ADAPT erasure code data protection streamline overhead, throughput, management, and recovery.



Best-Fit Applications

- Backup, archive, content/log file repository
- Private cloud and MSP infrastructure
- Edge and surveillance storage

106 DISKS 4U CHASSIS

SUPPORTS **FIPS 140-3**

14GB/s READ **12GB/s** WRITE

STORES PETABYTES

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Built for set-and-forget mass storage management.

While data creation is growing exponentially, IT teams and budgets are not. That's why we built CORVAULT. As a set-and-forget solution, drive swaps are a thing of the past. The system heals itself on the fly thanks to Seagate Autonomous Drive Regeneration (ADR). That means fewer opportunities for human error and more cost savings.

Feature	Benefit
Autonomously healing system	• Autonomous Drive Regeneration (ADR) minimizes downtime, human intervention, and e-waste by renewing errant drives "in-situ"
Five Nines Availability	• 99.999*% availability delivers reliable performance
Hyperscale efficiency	• 4U rack mount enclosure contains 106 Seagate Exos X SAS hard drives for maximum density. • Latest hard drive technologies maximize capacity per slot. • With multiple host support, your data is sharable across multiple networks and applications to eliminate data silos.
High performance	• Fast response, low latency, and quicker time to insights** • 12Gb/s HD-Mini SAS interface, sequential read/write up to 14Gb/s and 12Gb/s. IOPS up to 17,680
Seagate ADAPT erasure coding	• Declustered parity spans all drives in the pool for less capacity overhead, better performance, and fast rebuilds
Seagate VelosCT™ ASIC-based architecture	• 6th gen VelosCT powers fully redundant, hot-swappable, active-active dual controllers • Purpose-built and tightly-integrated for highly-compatible and predictable performance
Modular chassis with power conditioning, optimal cooling and isolation from vibration and noise	• Enables peak drive performance and longevity by protecting against vibrational and acoustic interference, excess heat, and external power irregularities • Redundant, conditioned power ensures consistent and efficient noise-free power with highly responsive burst capacity • Hot-swappable drives, power supplies, controllers, and fans ensure uninterrupted performance during service
Integrated web-based device and data management console	• Powerful onboard management accessible via web GUI or CLI provides one-button configuration for fast and easy deployment • Featuring remote diagnostics, non-disruptive updates
Seagate Secure™	• All included HDDs are self-encrypting (SED) for maximum security without controller-level overhead • SFTP support for secure file transfer • Optional FIPS 140-3 configuration