



Now with **HI-CAPACITY SMR TECHNOLOGY**

Powered by  **SWISS VAULT**

PAYING MORE FOR LESS

Data keeps growing, but many organizations are still **forced into costly storage** growth paths. Fragmented environments, repeated refresh cycles, and inefficient scaling drive spend up while limiting usable capacity.

Reserved for Hyperscalers THE SMR ACCESS GAP

For years, SMR economics stayed inside hyperscale environments, where custom software made those drives practical. Most others were left with higher-cost alternatives.

KEY ISSUES

- Legacy platforms often lack efficient support for hi-capacity SMR at scale
- Siloed storage environments increase cost and management complexity
- Repeated hardware and software refresh cycles drain budgets
- Manual operations make long-term storage growth harder to manage

THE TURNKEY SMR BREAKTHROUGH

JetStor Infinite ends this monopoly. VaultFS delivers hi-capacity SMR out-of-the-box in an enterprise-ready platform.



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VaultFS changes the economics of hi-capacity SMR, turning what was once limited to hyperscalers into a practical enterprise platform.

Jim Gallagher, CEO JetStor

Turnkey Deployment

Pre-integrated deployment and ongoing management



Native SMR Support

Hi-capacity SMR made practical through Swiss Vault software



Archive-Scale Efficiency

Lower long-term cost with denser, more efficient capacity



Flexible Expansion

Scale on-prem, at the edge, or across distributed sites



Protected Lifecycle

Proactive support, upgrades, and long-term platform continuity



Platform Overview

WHAT IS JETSTOR INFINITE?

JetStor Infinite is a turnkey storage platform built for scalable, future-ready data infrastructure. It combines high-capacity systems, flexible software architecture, and high-speed connectivity in one integrated deployment.

High-Capacity Infrastructure

Modular, parallel systems built for efficient capacity expansion.

Flexible Software Architecture

Software-defined design with erasure coding for stronger control and durability.

SMR-Ready Media

Designed to support evolving storage media, including hi-capacity SMR.

High-Speed Connectivity

Advanced protocols and parallelization reduce bottlenecks at scale.



Software Layer

HOW SWISS VAULT FITS IN

Swiss Vault adds the software layer behind the solution. VaultFS is built for resilient data retention, lower overhead, and more efficient large-scale operation, seamlessly enabling hi-capacity SMR out-of-the-box without the need for proprietary firmware.

Business Value

WHY IT PAYS OFF

JetStor Infinite reduces storage cost over time and makes large-scale operations easier to manage.

SAVE MONEY

Reduce your Total Cost of Ownership (TCO) through smarter scaling and lower operational burden.

- 10+ year lifespan cuts refresh cycles
- Lower energy use cuts operating cost
- Efficient scaling improves economics

- Fewer migrations and disruptions simplify long-term growth



OUTCOME: Lower cost over time and predictable OPEX

Platform Outcomes

TECHNICAL ADVANTAGES

OEM SMR Support



Supports all major OEM hi-capacity SMR drives (Seagate, Western Digital, and Toshiba) out-of-the-box via VaultFS.

Erasure Coding



Erasure coding manages overhead with stronger resilience.

High Availability



Built to tolerate disk and server failures at scale.



30
YEARS



For more information, contact:
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