

## Solution Profile

# Modernize Your Mainframe Storage

## Modernize, Optimize & Secure Your Mainframe Storage to Achieve Agility and Innovation

*Hitachi Vantara delivers a modernized approach to mainframe storage that bridges the gap between legacy systems and cloud technologies.*

*VSP One for Mainframe offers seamless integration, enhanced performance, scalability, efficiency, and rock-solid reliability—empowering your mainframe workloads like never before.*

### Storage Solution for Mainframe Environments

Our enterprise storage solution designed for Mainframe and trusted by thousands of customers globally, including some of the largest financial, government and healthcare institutions in the world. VSP One for Mainframe offers the most advanced and reliable storage solution for mainframe environments. Designed to deliver unmatched scalability, performance, and resiliency, it supports the complex demands of mission-critical mainframe workloads.

- Industry's first, best and most trusted 100% data availability guarantee
- Modern secure connectivity with 32G FICON
- Hitachi remote support operations bring 40+ years of knowledge to predict and prevent downtime.
- Enterprise class storage with an industry benchmark for active-active metro clustering as well as trusted business continuity
- Hitachi Virtual Storage Platform uptime is greater than 99.9999%

### Key Product Features

- Performance: With up to 50 million IOPS, your mainframe workloads will experience faster response times, boosting business outcomes.
- Resiliency: Built for 99.999999% availability, ensures uninterrupted access to your critical data, making it ideal for high-availability mainframe workloads.
- Efficiency: Consolidate and streamline your storage infrastructure with non-disruptive upgrades and adaptive data reduction, maximizing both performance and storage capacity.
- Capacity: Scale effortlessly with ultra-high-capacity 60.1TB TLC NVMe SSDs to meet the dynamic needs of mainframe environments.
- Data Protection: Enjoy comprehensive data services, including snapshot, replication, and deduplication, all while maintaining consistent performance.
- Simplified Management: Leverage Hitachi Ops Center to manage your storage with AIOps, enabling proactive issue resolution and unified control across your storage environment.

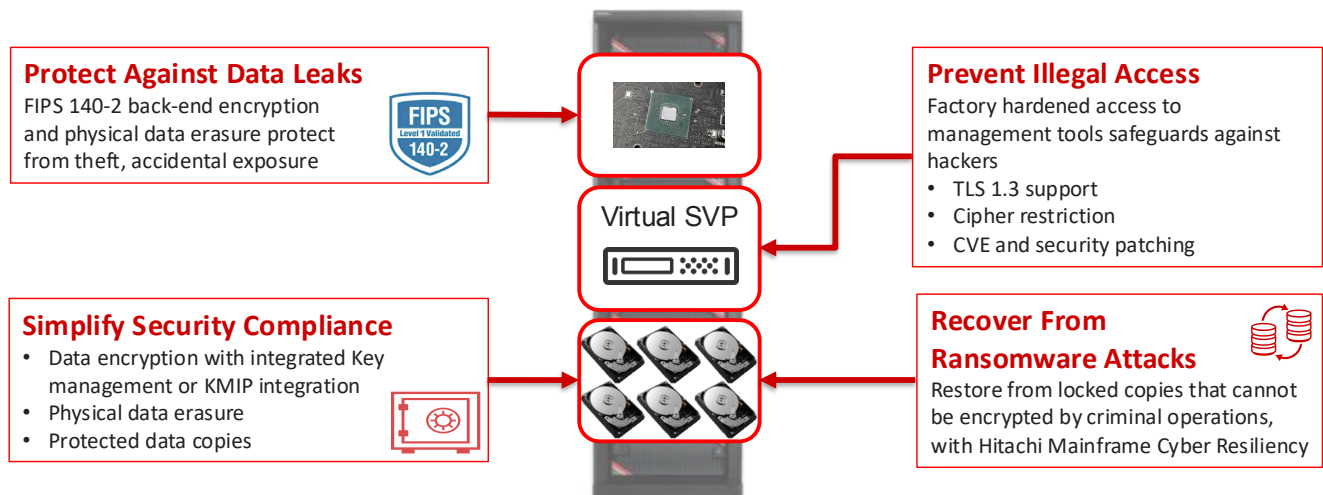
## Product Benefits

**Safeguard your mission critical business data with ransomware protection specifically designed for mainframe environments.**

Our Mainframe Cyber Security Solution revolutionizes the way you store and manage your mainframe data. With our innovative approach, you can consolidate workloads from multiple storage systems into the fortress, enhancing your data management capabilities. This solution allows for seamless data restoration even in the absence of primary storage.

*Hitachi Vantara Virtual Storage Platform Uptime is Greater than*

*99.999%*



- “World’s fastest storage array”
- “Delivers best-in-class performance”
- “Delivers best-in-class resiliency”
- “100% data availability”



## Key Product Specifications

**VSP 5600 is the Storage Solution for Mainframe Workloads.**

### Hitachi Virtual Storage Platform 5600

Performance (IOPS)	50M
Data Reduction	4:1
MAX. Raw Internal Capacity	15.4PiB (288 x 60TB SSD)
Effective Capacity	18.68PBe / 16.6 PiBe
Data Availability	100% Guaranteed

## Designed for Mainframes

With over 40 years of expertise in mainframe technology, Hitachi Vantara empowers you to embrace the future of mainframe storage with agility, efficiency, and innovation at its core. Our decades of experience combined with cutting-edge solutions ensure that your mainframe environment is optimized for modern demands, delivering performance, scalability, and resilience for the next generation of business challenges.

**Learn more →**

## About Hitachi Vantara

Hitachi Vantara is transforming the way data fuels innovation. A wholly owned subsidiary of Hitachi, Ltd., we're the data foundation the world's leading innovators rely on. Through data storage, infrastructure systems, cloud management and digital expertise, we build the foundation for sustainable business growth.

## Hitachi Vantara

**Corporate Headquarters**  
2535 Augustine Drive  
Santa Clara, CA 95054 USA  
[hitachivantara.com](https://www.hitachivantara.com) | [community.hitachivantara.com](https://community.hitachivantara.com)

**Contact Information**  
USA: 1-800-446-0744  
Global: 1-858-547-4526  
[hitachivantara.com/contact](https://www.hitachivantara.com/contact)

© Hitachi Vantara LLC 2025. All Rights Reserved. All other trademarks, service marks and company names are properties of their respective owners.

HV-BTD-SP-Modernize-Your-Mainframe-Storage-10Oct25-C

