Brochure

Hitachi Ops Center

AIOps Unified Storage Management Operations

As your application workloads become more complex, efficient data management operations require an unified experience, streamlined administrative tasks, and quick resolution of issues in order to free up IT staff to focus on new strategic initiatives. Agile and resilient management practices can bring your IT infrastructure closer to realizing autonomous operations, where data services can be proactively delivered and adapted to changing requirements with minimal intervention.
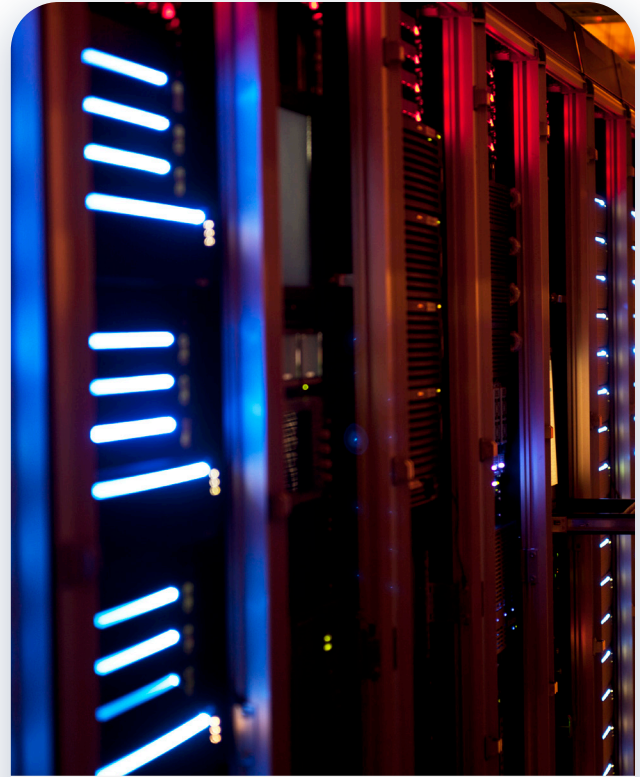
Improve Your Data Management Efficiency

IT staffs are increasingly faced by management complexities that make it difficult to keep up with continued data growth, changing application requirements, and on-going budget constraints. This results in new data management challenges that prevent faster rollouts of new business applications that are critical to keeping a competitive edge.

- **Diverse IT environments:** More data is being stored in heterogeneous IT infrastructures across multiple data silos making it harder to administer, optimize and protect your business application data.
- **Ongoing data growth:** IT organizations need to cost effectively manage and automate growing data repositories as well as move data non-disruptively to where it is needed.
- **On-time resource delivery:** New application workload requirements are constantly evolving with existing management tools struggling to keep up.
- **Critical IT incidents:** Troubleshooting performance bottlenecks can be time-consuming and increasingly impact business users.

Optimize Management Operations for Your Data Foundation

AI-driven data management can simplify infrastructure operations minimizing the steps needed for daily administrative tasks and it can free up IT staff to focus on new initiatives. Hitachi Ops Center delivers an AIOps management software suite to enable self-service, automated storage management operations for hybrid cloud data infrastructures.

- Common unified storage management operations.
- Comprehensive performance and capacity analytics utilizing on-premise telemetry data with complementary cloud-based system observability.
- Custom workflow automation with full data path resource orchestration.
- Integrated data mobility with non-disruptive data migration capabilities.
- Enterprise copy data management to ensure mission-critical business application data is safe, resilient, and recoverable.

"Thanks to Hitachi Ops Center, our storage landscape has become one of the easiest parts of our infrastructure to manage."

Deniz Armen
Cloud Data Storage Technologies Manager
Garanti BBVA

Garanti BBVA Harnesses Automation To Make Storage Management Easy

See the case study →

Automate Storage Operations with AIOps

Hitachi Ops Center provides integrated management software for the Hitachi Virtual Storage Platform (VSP) One family to enable unified management and operational capabilities that encompass configuration management, telemetry data analytics, workflow automation, data mobility orchestration and secure data protection. Ops Center also includes complimentary, standards-based REST APIs for easy integration of VSP administrative functions with existing IT management frameworks.

Simplify System Configuration Management

Centralized configuration management for Hitachi VSP storage systems provide an intuitive, graphical user interface to enable and streamline system configurations, resource monitoring and storage provisioning tasks. Hitachi Ops Center Administrator abstracts and reduces storage management complexities to enable an unified and extensible approach to managing storage configurations across VSP platforms.

Central management operations across the Hitachi VSP family reduces the required steps to properly configure, manage and deploy new storage resources.

AIOps Performance Analytics

Deliver custom reporting to optimize storage resources utilizing near real-time telemetry metrics from virtual machines to shared storage resources. Forecast future performance and capacity requirements with predictive analytics to eliminate guesswork for improved resource planning and budgeting. Troubleshoot issues with an AI-heuristic diagnostic engine to help determine the root cause and gain recommended fixes to common performance problems. Consolidate multi-site telemetry data analysis to enable enterprise-wide storage reporting and resource planning.

Optimize, plan and troubleshoot storage resources to improve resource service levels across the entire application data path.

Accelerate Automation Initiatives

Enable automated management operations for common storage management tasks to improve efficiency and reliability. Facilitate automated provisioning workflows to orchestrate deployment of storage resources with predefined service templates for leading business applications, that can be customized for your specific requirements.

Automate IT resource delivery for new business applications quickly and cost effectively though orchestrated storage provisioning workflows based on best practices.

Enable Modern Data Protection

Program enterprise copy data management to streamline data protection operations for operational recovery, data repurposing, business continuity and cyber-resiliency. Utilize a powerful policy-based engine and whiteboard-like interface to automate both host-based and storage-based copy data technologies to orchestrate application-consistent snapshots and clones in a single workflow.

Modern data protection operations improve application data availability, cyber-resiliency, and business continuity.

Cloud-based Observability

Elevate your system management operations with Ops Center Clear Sight designed to enhance observability across your Hitachi Vantara storage infrastructures. With integrated AI analytical insights, Clear Sight can provide key performamce indicators on system health, capacity utilization, security, sustainability and it can help resolve service issues before they can affect your environment. Integrated with respective VSP element managers for fleet management to streamline direct access of system configuration changes.

Clear Sight unified experience provides system observability to help you to keep up with the health, capacity and support services for your Hitachi VSP One data platforms.

Unified Management Operations for Your Data Foundation

Hitachi Ops Center enables AIOps unified management operations to help you address the key challenges of IT management tool sprawl, on-time resource delivery, resource orchestration and ensures quick response to critical IT incidents. Ops Center software enables centralized storage management practices for the VSP family to configure, optimize, orchestrate, protect, and rapidly take proactive actions to improve data management efficiencies. Accelerate your automation initiatives while reducing administrative complexity and eliminating manual steps to automate common management tasks.

Federated Storage Management With Hitachi Ops Center Administrator

Ops Center Administrator delivers federated management capabilities to simplify centralized system administration for the Hitachi VSP family. Ops Center Administrator enables an unified approach to managing storage resources utilizing a workflow-driven, graphical user interface with recommended administrative best practices to simplify storage configuration and provisioning operations.

Unified Analytics with Hitachi Ops Center Analyzer

Ops Center Analyzer provides key performance insights using an on-premises, AIOps approach to help optimize storage resource performance and capacity for your critical business applications. Enable heterogeneous resource analysis across the application's full data path, from virtual machines, host servers and SAN switches to shared storage resources. Simplify storage capacity reporting to improve new resource planning forecasts. When problems do arise, you can resolve issues up to four times faster with AI-assisted root cause analysis and prescriptive fault resolution.

Workflow Automation with Hitachi Ops Center Automator

Ops Center Automator enables automated storage provisioning and resource orchestration for common data managment operations. Automated management workflows can leverage a broad range of predefined, application-specific templates for provisioning storage resources, creating custom management workflows, and accessing standard APIs for IT management integration. Through smart provisioning, Ops Center Automator delivers automated workflow orchestration that can intelligently select the right storage resources with the best performance and cost effectiveness while speeding up IT resource delivery by 70%.

Enterprise Data Protection With Hitachi Ops Center Protector

Traditional approaches to data protection can introduce the potential for downtime when performing backups and recovery and typically lack the required resiliency to ensure critical data is protected. To modernize data protection operations require orchestrating business continuity practices, copy data management, and immutable storage volumes to improve application data availability and cyber-resiliency. Ops Center Protector enables enterprise data protection with copy data management services for the Hitachi VSP family that eliminates the need for backup windows and provides near-zero recovery point and recovery time objectives (RPO, RTO).

Global Observability With Hitachi Ops Center Clear Sight

Hitachi Ops Center Clear Sight offers on-demand, global observability for health monitoring of business and operational metrics for proactive risk management of your Hitachi Vantara data estate. This cloud-based observability approach helps to ensure optimal system health, performance, capacity, and safeguards your system software is up to date. Clear Sight integration extends across the entire VSP One data platform family, including block, file, and object, to enhance platform management whether running as an appliance or as software-defined storage.

Optimize AIOps Storage Management with Hitachi Ops Center

Hitachi Ops Center delivers unified management operations to help solve the key management challenges around time-to-market, speed of resource delivery, automating tasks and secure data protection. Ops Center enables you to simplify administrative complexities for common management tasks to quickly deploy, optimize and protect Hitachi virtualized storage resources.

- Consolidate management tools to enable rapid storage resource deployments using best practices.
- Accelerate automated resource provisioning and reduce manual tasks.
- Optimize resource service levels across the application's data path to help resolve bottlenecks before they can affect users.
- Utilize enterprise copy data management to meet demanding levels of data protection, data recovery and business continuity.

Hitachi Ops Center ensures you are delivering the required data services for your business applications while optimizing the performance and capacity of the Hitachi VSP One data platform.

Make informed decisions to achieve new data management efficiencies and lower costs to manage, optimize, orchestrate, and protect Hitachi Vantara data infrastructures.

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.

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