

Reduce management complexity in your storage infrastructure with Hitachi Storage Advisor. By simplifying your management operations, Storage Advisor helps you to rapidly configure your storage systems and IT services for new business applications.

DATASHEET

Hitachi Storage Advisor

Simplified Storage Infrastructure Management

IT departments are constantly dealing with more complex environments while being asked to do more with less. Ease of implementation and management become key issues as limited staff resources are expected to manage a diverse and growing infrastructure.

Hitachi Storage Advisor is a configuration management application for the Hitachi Virtual Storage Platform (VSP) family that reduces storage management complexities. Intuitive graphical user interfaces (GUIs) and recommended configuration practices speed storage management operations (see Figure 1) so you spend more time on strategic efforts, not daily tasks. Storage Advisor provides centralized management across the VSP family and reduces the numbers of steps to properly configure, optimize and deploy new storage resources.

Storage Advisor lets you easily address and adapt your Hitachi VSP storage resources to changing application workloads. It enables the transition to a new, simplified administrative model, based on abstracted best practices, and directly addresses today's management challenge of "doing more with less."

Simplified Management

Hitachi Storage Advisor provides visual GUIs that reduce the number of steps needed to deploy, monitor and adjust storage



Figure 1. The Hitachi Storage Advisor dashboard provides a succinct view into everything that matters within your storage environment.

resources for both Fibre Channel and iSCSI server connections. This approach enables administrators with a wide range of skills to handle storage management. For teams that have their own preferred management tool, application program interfaces (REST-based APIs) enable integration with external management applications, so staff can perform tasks with zero learning curve.

Recommended System Configurations

Storage Advisor provides comprehensive administrative capabilities: It covers configuration, storage pool and volume creation, in-system replication and monitoring, which enable end-to-end management of the IT storage life cycle. Smart, guided configuration workflows

include system configurations based on recommended practices to streamline system deployments for both block and file requirements.

Storage-based High Availability Made Easy

To meet pre negotiated service level objectives, Hitachi Storage Advisor includes the capability to reduce complexities associated with managing highly available clustered storage volumes. This feature allows you to easily provision volumes on two separate storage systems (by using) intuitive, easy-to-use workflows.

Service-Level Optimized

Hitachi Storage Advisor enables easy alignment of infrastructure resources

to required business application service levels. Storage resources are automatically grouped and categorized into tiered storage service profiles, such as gold, silver and bronze. This aligns resource configuration to specific application needs.

Business Benefits

Reduce Administrative Complexity

- Wizard-driven interface lowers administrator expertise and training requirements.
- Innovative GUI elements allow at-a-glance review of key details, such as available and used capacity.
- API integration to external tools lets staff manage storage with zero-learning curve.

Accelerate New Storage Infrastructure Deployments

- Integrate storage configuration workflows to streamline resource delivery for common business applications.
- Unify management across data types, reducing the number of required tools.
- Improve operational efficiency with embedded best practices, based on experiences with customers, worldwide.

Improve Total Cost of Ownership

- Leverage service level agreement (SLA) based provisioning to align resource configuration to business needs.
- Reduce time spent managing storage, enabling staff to focus on strategic initiatives that drive revenue.

Services and Training

Hitachi Vantara Global Services offers storage consultants, proven tools and methodologies, and a comprehensive portfolio of service offerings to help you

HITACHI STORAGE ADVISOR FEATURE HIGHLIGHTS

- Easy-to-use GUI to manage, monitor and maintain Hitachi Virtual Storage Platform family, including VSP F series and VSP G series.
- Recommended system configurations based on best practices to simplify initial deployment.
- Common storage element manager to centralize management operations for the VSP F series and VSP G series.
- Status dashboard with an intuitive information gauge to provide a visual, at-a-glance summary of storage system capacity.
- Automated builds for storage array groups, storage pools and autozoning.
- REST-based API to provide full management programmability and control.
- Unified storage resource management from a common administrative console for both block- and file-based requirements.
- Integrated storage administrative operations, including in-context launch of core storage element managers.
- Data optimization technology (deduplication and compression) management for VSP F series and VSP G series storage volumes, as well as monitoring for overall space-saving efficiencies.
- LUN path management workflow, which enables administrators to set customized paths between server World Wide Names (WWNs) and selected storage system ports.
- Support for large enterprise NAS environments; automation of the creation of file pools, which is achieved by implementing workflows to eliminate the complexities normally associated with NAS file pool setup and creation (embedded VSP NAS module only).
- Support for the management of file-based objects, such as file pools, file systems, virtual file servers, and file exports and shares.
- Multi-user administrative capabilities for improved productivity and reduced risk.
- Detailed system log files to store and track a daily log of all administrative operations for change management reporting and troubleshooting.

VSP
Models

LEARN MORE

optimize alignment of storage to your business requirements. Our assessment, planning and design, installation, management and support services leverage Hitachi Storage Advisor. We help you to efficiently manage and automate your management practices, and realize the benefits of Storage Advisor quickly.

Hitachi Vantara at a Glance

Your data is the key to new revenue, better customer experiences and lower costs. With technology and expertise, Hitachi Vantara drives data to meaningful outcomes.

Hitachi Vantara

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