

Hitachi HiCommand® Device Manager Software

By providing a single console for managing today's complex storage environments, Hitachi HiCommand® Device Manager software unifies and simplifies storage tasks.

HiCommand Device Manager Software—Centralized, Simplified, Cost-effective Storage Management

Hitachi HiCommand® Device Manager software provides a single platform for centrally managing, configuring and monitoring Hitachi storage systems and Sun StorEdge 9900/9990 series and T3 systems. By significantly boosting the volume of storage that each administrator can manage, the single point-of-control design of Device Manager software can help raise storage management efficiency in these environments as well as reduce costs.

Easy-to-use Device Manager software views storage resources logically, while maintaining independent physical management capabilities. By offering a continuously available view of actual storage usage and configuration, Device Manager software allows administrators to precisely control all managed storage systems. The result? Highly efficient use of administrative time and storage assets. When combined with the Hitachi HiCommand Tuning Manager and Hitachi HiCommand Storage Services Manager software modules, Device Manager helps automate entire storage environments.

Business Benefits

Business Agility

- Organizes and manages storage from a logical perspective, along lines of business and/or departments
- Provides an immediate view of available storage and current usage through consolidated control of storage
- Enables easy deployment of storage resources to meet business and application needs

Operational Excellence

- Improves IT productivity through consistent administrative operations across storage platforms anywhere in the enterprise
- Simplifies procedures linked to the configuration and management of large volumes of storage
- Automates storage management processes and provisions storage capacity in a fraction of the time previously required

Risk Mitigation

- Facilitates the identification of storage system issues before they become problematic through proactive alerts
- Automates storage management processes and tasks, limiting the number of subsequent configuration changes

Business Solutions

Hitachi Data Systems and its Hitachi TrueNorth™ Channel Partners offer industry-leading technology to help organizations of all sizes meet their unique requirements for business continuity, regulatory compliance and data recovery. Together, we provide cost-effective storage products and solutions that leverage world-renowned Hitachi global R&D resources to deliver performance, availability and scalability—supporting business critical applications and strengthening competitive advantage.

Complementary Solutions

- Hitachi HiCommand Storage Services Manager software
- Hitachi HiCommand Tuning Manager software
- Hitachi ShadowImage® Heterogeneous Replication software
- Hitachi Universal Replicator software
- Hitachi HiCommand Replication Monitor software

- Supports business continuity and disaster recovery capabilities by providing access to Hitachi ShadowImage® Heterogeneous Replication, Hitachi TrueCopy® Remote Replication and Hitachi Universal Replicator software

Cost-effectiveness

- Enables more efficient use of storage assets through a continuously available view of actual storage usage across all managed storage systems
- Allows administrators to manage more storage through single-point-of-control and user interfaces
- Reduces training requirements and costs through use of a single product for all platforms
- Consolidates storage management for Hitachi storage systems—including the Hitachi Universal Storage Platform™ family's internal and externally attached storage—and Sun StorEdge 9900/9990 series and T3 systems

Solutions to Complex Challenges

- Enables and simplifies centralized management of geographically dispersed storage
- Reduces costly errors associated with manual storage management procedures
- Empowers existing resources to manage significantly more storage
- Decreases repetitive human intervention by automating key elements of storage management procedures
- Manages storage logically, by line of business
- Aggregates groups of servers and storage systems with the same storage attributes
- Reports enterprise storage capacity chargebacks by logical group or line of business

System Requirements and Support Matrix

<http://www.hds.com/go/hicommandrequirements>

Topology and Feature Highlights

Device Manager software's multi-tiered architecture consists of three components: the Device Manager server, a Web-based GUI browser and Device Manager host agents. Device Manager software:

- Uses logical, physical and host-based storage management capabilities
- Allows provisioning and storage pooling for primary and secondary storage
- Enables capacity analysis and reporting based on physical storage type and other criteria
- Integrates with Hitachi replication products such as Replication Monitor, ShadowImage, TrueCopy, Universal Replicator and Hitachi Copy-on-Write Snapshot software
- Supports Microsoft® Windows, Sun Solaris, HP-UX, IBM® AIX®, and Linux
- Protects each LDEV from unauthorized host access
- Includes an easy-to-use and consistent intuitive interface used throughout HiCommand software modules
- Supports Microsoft and Veritas clustering software
- Supports Veritas Volume Manager, Solaris Volume Manager, AIX Logical Manager and Sun Traffic Manager products
- Provides remote management over Internet or wide area networks (WANs) through Web browser access using Sun Java-based GUI
- Provides multiple levels of security for storage administrators
- Allows automation scripts through the Command Line Interface
- Includes ISV and IHV access to Hitachi Storage through included open standard SMI-S compliant provider
- Identifies storage system conditions and issues via proactive alerts
- Reduces requirements for understanding low-level array GUIs through wizard-driven dialogs

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