

## Hitachi Replication Manager Software

To meet requirements for optimal data protection, Hitachi Replication Manager software guarantees data and application availability, improves configuration management and efficiency, and minimizes downtime for critical IT systems for open systems and mainframe environments.

### Simplify Complex Data Replication Tasks

Businesses that rely heavily on IT systems for mission critical operations can risk significant losses from unplanned events. Since data drives our world, and information is the currency, this can become costly very quickly. For organizations seeking in-system or distance replication solutions, Hitachi Replication Manager software configures, monitors and manages Hitachi replication products on both local and remote storage systems. For both open systems and mainframe environments, Replication Manager simplifies and optimizes the configuration and monitoring, operations, task management and automation\* for critical storage components of the replication infrastructure. Users benefit from a uniquely integrated tool that allows them to better control recovery point objectives (RPOs) and recovery time objectives (RTOs).

Hitachi Replication Manager software is part of the Hitachi Command Suite. It leverages the powerful replication capabilities of Hitachi storage systems and combines robust application-aware protection, reporting, mirroring and features previously

available in separate offerings. It also decreases management complexity while increasing staff productivity and provides greater control through a single, consistent user interface.

#### Improve Operational Efficiency

Hitachi Replication Manager software improves the efficiency of IT and data protection operations:

- Performs application-aware operations for Microsoft® Exchange and SQL, as well as File System
- Leverages a centralized management tool for all replication products
- Improves service levels by reducing planned and unplanned downtime of customer-facing applications
- Accelerates deployment of replication solutions through wizard-based configurations
- Maximizes the use of network and storage resources
- Mitigates disruption to production operations

- Augments storage manager productivity by streamlining the administration of critical replication cycle functions
- Restores application-critical data quickly, for faster resumption of business operations
- Improves the ability to take data replication corrective actions
- Employs automatic alert marking to continuously monitor without user interaction

#### Strengthen Operational Resilience

Hitachi Replication Manager software is at the heart of data protection operations and provides a unique heterogeneous solution that enhances the resilience of the data infrastructure.

#### Replication Manager software:

- Allows users to perform Exchange 2007 and 2010 data backup and restore
  - Compatible with Exchange 2010 Database Availability Group (DAG) configurations

- Allows users to perform SQL Server backup and restore on SQL Server 2005 (SP3) and 2008 (SP1)
- Manages replications with Hitachi Device Manager for single and multisite configurations
- Allows management of both mainframe and open pairs with a consistent interface
- Improves critical data asset protection processes, enhancing the ability to meet stringent RPOs and RTOs
- Protects more data more effectively and efficiently through ease of use
- Improves business resilience and confidence through frequent, nondisruptive disaster recovery testing with current and accurate data
- Mitigates the risk of unauthorized operations and secures recovery operations
- Improves the ability to reliably automate critical replication operations
- Preserves data integrity: the integration with major databases\* and split-mirror backup and recovery frameworks guarantees the consistency of replicated data when recovery is required
- Enables quick local recovery, delivering a low RPO through split-mirror integrated functionalities
- Automates complex disaster recovery and planned outage functions, dramatically reducing recovery times
- Enables advanced “three data center” disaster recovery configurations and extended consistency group capabilities
- Provides built-in capabilities for monitoring and managing critical performance metrics and thresholds for proactive problem avoidance
- Supplies simplified graphical user interface with filtering capability and display options

## FEATURE HIGHLIGHTS\*

Hitachi Replication Manager software employs the following features to configure, monitor and manage Hitachi replication products for open systems and mainframe environments:

- **Replication Configuration Management** — lets users set up all Hitachi replication products without requiring other tools, for both local and remote storage systems, including communication port configurations; provides support for multiple data centers and multiple storage systems at each data center
- **Multiple User Design and Role-based User Access Control** — achieves stringent access control for multiple users
- **Task Management** — allows scheduling and automation of the configuration of replicated data volume pairs

## Services

Hitachi Data Systems Global Solution Services can help organizations address data replication needs through services that support Replication Manager software and other Hitachi software. These services are available for open systems and mainframe environments to assist with the configuration and basic control of Hitachi storage system-based data mirroring. They also help support data replication requirements, including backup and recovery, testing and development, business continuity and disaster recovery.

\*Please check with Hitachi Data Systems for detailed availability of features and updates

## Hitachi Data Systems Corporation

### Corporate Headquarters

750 Central Expressway  
Santa Clara, California 95050-2627 USA  
www.hds.com

### Regional Contact Information

**Americas:** +1 408 970 1000 or info@hds.com  
**Europe, Middle East and Africa:** +44 (0) 1753 618000 or info.emea@hds.com  
**Asia Pacific:** +852 3189 7900 or hds.marketing.apac@hds.com

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