

# Hitachi Replication Monitor Software

With a single, easy-to-use display for monitoring and visualizing volume replication configurations and status information, Hitachi Replication Monitor software simplifies administration of the entire suite of Hitachi replication products for open systems and mainframe environments.

## Hitachi Replication Monitor Software—Visual Data Replication Reference, Point-in-time Status, and Recovery Point Indicator

Businesses that rely heavily on IT systems for mission-critical operations can risk significant bottom-line losses from downtime. Large enterprises can lose up to millions of dollars per hour. In addition, government regulations such as Sarbanes-Oxley and the Health Insurance Portability and Accountability Act (HIPAA) in the United States and the international New Basel Capital Accord (Basel II) require that companies demonstrate business resilience and data protection.

Hitachi Replication Monitor software helps address these issues by interfacing with Hitachi Device Manager software, the replication management functions of Hitachi storage systems, and Hitachi remote replication software products. This collaboration allows storage administrators to get a visual picture of data under replication management, as well as a visual point-in-time status indicator of replicated pairs.

## Introducing Replication Monitor Software, Version 5

Hitachi Replication Monitor software enhances technical capabilities to centrally manage the replication infrastructure. In

addition, this software release provides an improved graphical user interface and other flexible administration options.

### Centralized Management

Replication Monitor software provides administrators with a single tool with which to quickly and graphically view their enterprise-wide replication environment, regardless of the operating system. With Replication Monitor software, storage administrators can:

- Graphically manage both open and mainframe configurations
- Determine all the associated pairs/groups of a selected resource
- Identify potential problems
- Handle issues presented by SNMP and e-mail alerts
- Monitor the usage of replication side files or journals

### Usability and Flexibility

Replication Monitor software now provides an enhanced topology-map-like view of user-selected copy groups.

- The “My Copy Groups” feature allows administrators to create their own topology-map-like view of the replicated environments. In addition, users get an immediate visual summary of complex replication environments.

## 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.

Services supporting and complementing Hitachi Replication Monitor software as well as other Hitachi remote replication software products are offered by Hitachi Data Systems Global Solution Services. (See Services section of this data sheet.)

- Replication Monitor software now supports a common GUI, fully integrating the software in the framework.

### Data Currency and Recovery Point

In a replicated infrastructure, it is critical that organizations understand how far “behind” (real time) their remote data copies are. Replication Monitor software now allows administrators to monitor this “time lag” with a very high level of accuracy.

- Numbers are provided for both open and mainframe groups.
- Historical data is available for download, allowing administrators to more easily plan, report, and manage the currency of their replicated data.

## Business Benefits

### Simplify Storage Administration

- Provides centralized management of Hitachi Universal Replicator software, Hitachi TrueCopy® Asynchronous software, Hitachi ShadowImage™ Heterogeneous Replication software and Hitachi Copy-on-Write Snapshot software
- Decreases management complexity while increasing staff productivity and providing greater control than previously available
- Improves service levels by reducing planned and unplanned downtime of customer-facing applications

### Ensure Business Continuity

- Monitors data currency and recovery points for both open and mainframe environments
- Offers advanced replication system status reporting to provide early warnings for potential problems
- Offers built-in capabilities for monitoring and managing replicated volumes for active problem avoidance
- Delivers discovery of enterprise-wide storage configuration and replication objects, eliminating tedious, error-prone data entry that can cause outages

## Reduce Operational and Capital Costs

- Reduces storage administration staffing and training operating expense (OPEX)
- Reduces reconciliation time of pair management outages

## Services

Hitachi Data Systems Global Solution Services can help organizations address data replication needs through services that support Replication Monitor software, Device Manager software, Universal Replicator software, TrueCopy Asynchronous software, ShadowImage™ Heterogeneous Replication software, and Copy-on-Write Snapshot software. These services are available for both open systems and mainframe environments to assist customers with the configuration and basic control of Hitachi storage system-based data mirroring. They also help support customer data replication requirements,

including backup and recovery, testing and development, business continuity, and disaster recovery.

Specifically, Hitachi Data Systems Global Solution Services can help you:

- Identify and analyze your business goals in terms of how long your business can afford to be down and how much data the business can afford to lose
- Identify your technical goals based on which replication strategy makes sense, the nature of your existing infrastructure, the topologies of your storage layout and placement, and traffic patterns by application and host
- Create a migration plan to a new system that includes test and verification components
- Document the design and create a detailed implementation and test plan
- Manage the implementation and execution phase of the plan

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