For everyday uptime and rapid recovery demands in the event of an outage, choose Hitachi TrueCopy remote replication software. TrueCopy mirrors data between Hitachi storage systems across metropolitan distances.

Hitachi TrueCopy Remote Replication Software for Hitachi Enterprise Storage

Simplify Data Protection and Speed Business Recovery Across Metro Distances

In today’s extremely competitive business climate, organizations in all industries and of all sizes increasingly require the ability to replicate their most critical data without data loss. The capability to move data to a secondary (disaster recovery) site that can take over critical application processing if the primary site is compromised is especially important. Although quick recovery time is crucial, traditional data recovery processes are often labor and capital intensive, and can take days.

TrueCopy remote replication software simplifies the data replication and recovery process and enables normal business operations to resume in minutes rather than hours or days following a primary site outage. TrueCopy software provides host-independent data replication for any type of data within application-acceptable tolerances for latency across metropolitan distances. Copies generated by Hitachi replication software products can be used for the rapid recovery or restart of production systems on primary or secondary (disaster recovery) systems following an outage. They can also be used for data warehousing, data mining or data migration applications.

Hitachi TrueCopy remote replication software can be integrated with Hitachi ShadowImage Replication software to enable robust business continuity solutions. In addition, TrueCopy can be deployed with Hitachi Universal Replicator software’s asynchronous replication capabilities to provide advanced data replication among multiple data centers.

Business Benefits

Ensure Business Continuity and Disaster Recovery

- Enables multiple, nondisruptive point-in-time copies in the event of logical corruption up to the point of an outage when combined with Hitachi ShadowImage or Hitachi Thin Image software.
- When combined with Universal Replicator, facilitates compliance with government mandates and regulations governing both zero data loss and wide area disaster tolerance.

Improve Productivity for Both Business and IT Processes

- Improves productivity and flexibility; provides replication between storage systems, including 3rd-party storage, via the virtualized storage pools managed by supported models.
- Improves service levels by reducing planned and unplanned downtime of customer-facing applications.
- Enables backups to be performed on a secondary system while business operates at full capacity on a primary system.
- Simplifies site maintenance and application development by replicating up-to-date data to a local or remote site. The copies can be used without affecting production applications.

1TrueCopy supports up to 300km (186 miles) for synchronous replication. However, the organization’s application tolerance for latency associated with distance is a consideration the organization must evaluate.
Replication Software Ensures Data Integrity

TrueCopy remote replication software can provide the highest levels of data integrity for local or metropolitan areas. It facilitates replication between:

- Hitachi Virtual Storage Platform.
- Hitachi Virtual Storage Platform G1000 family.
- Hitachi Universal Storage Platform V.
- Hitachi Universal Storage Platform VM.
- Hitachi Unified Storage VM.
- Externally attached systems (via the virtualized storage pool).

Please check with Hitachi Data Systems for restrictions on certain platforms.

At the same time, Universal Replicator software can facilitate asynchronous replication. Designed to significantly reduce resource consumption, Universal Replicator sets a new standard for data protection.

Hitachi TrueCopy software also supports up to 4 data centers in a multi-data-center implementation when combined with Hitachi Universal Replicator. It enables implementation of 2 sites within a short distance using TrueCopy synchronous replication and 2 long-distance sites using Universal Replicator asynchronous replication with its unique journal technology. This solution supports both open and mainframe environments.

Complementary Software

The following software modules complement the capabilities of Hitachi TrueCopy remote replication software:

- Hitachi ShadowImage Replication software.
- Hitachi Thin Image snapshot software.
- Hitachi Universal Replicator software.
- Hitachi Replication Manager software.

Services

It takes a collaborative, hands-on approach to assist with the project planning, installation and configuration of replication software across an enterprise storage environment. From remote copy planning to advanced implementation services, Hitachi Data Systems Global Solution Services can support the successful and timely deployment of the most resilient data protection infrastructures. Services to support TrueCopy software and other business continuity and disaster recovery solutions from Hitachi Data Systems are available for both open systems and mainframe environments.

FEATURE HIGHLIGHTS

Deployed together, Hitachi ShadowImage and/or Hitachi Thin Image local replication software and Hitachi TrueCopy remote replication software yield the highest degree of data integrity. Because their real-time copies are the same as the originals, there is minimal performance impact on the primary system. For multi-data-center disaster recovery strategies, Hitachi Data Systems recommends deploying asynchronous replication capability with Hitachi Universal Replicator software.