

Hitachi Backup and Recovery Software

To today's businesses, data loss means disrupted operations, production downtime, angry customers and lost revenue. Hitachi Backup and Recovery software counters with fast, granular backup and recovery of distributed heterogeneous environments, ensuring unmatched data protection and availability.

With Backup and Recovery software, policy-based actions—enforced across all operating environments, applications and storage types—simplify management. Storage resources and data are addressed as logical entities rather than physical resources. And client data is logically mapped to storage resources, eliminating the need to identify the physical location of data before a restore and saving time and money.

Easy Management and Administration

As part of the Hitachi Data Protection Suite of software, powered by CommVault®, Hitachi Backup and Recovery software allows users to perform high-speed backups and restores to help maintain data access via a single, unified browser interface. One unified view of network attached storage (NAS), storage area network (SAN) or local area network (LAN) data lets you keep an eye on enterprise operations alongside another window focused on a single vital system or logical resource. This capability delivers greater data management efficiency, better data availability and higher reliability.

Seamless Integration with Industry-leading Technology

- *UNIX*—Protects Solaris, HP-UX, IBM® AIX® and Tru64. Single view simplifies management of complex data protection strategies.
- *Linux*—Protects Linux file systems, even Linux clustered systems. Provides easy, unified administration and flexibility to support open-source environments.
- *Novell Netware*—Leverages Novell SMS, NDS schema and extended schema to protect critical data in your NetWare environment. Protects crucial data created by NDS-compliant applications.
- *Microsoft® Windows File System*—Automates protection of all FAT or NTFS data. Easier recovery of such challenging data sets as Windows NT hardware hive, Windows Server 2003/Windows 2000 system state, directory mount points and links, and remote storage services. Supports all the latest versions of Microsoft Windows as well as Microsoft Cluster Service.
- *MAC OS X*—Protects data and restores folders and files. Provides reliable, enterprise-level data access.

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 Data Protection Suite Software

- Hitachi Quick Recovery
- Hitachi Data Archiver (formerly Hitachi Data Migrator)
- Hitachi Data Archiver Compliance Option (formerly Hitachi Data Archiver)
- Hitachi Recovery Director
- Hitachi Data Protection Monitor
- Hitachi Continuous Data Replicator

Complementary Services

- Business Continuity Services

- *Databases (DB2, Informix, Oracle, SQL Server)*—Choose from RMAN integrated for Oracle or ONBAR XBSA API set for Informix. Integrated with DB2/UDB API set. For SQL Server, uses MSDN VDI interface to provide parallel backup data streams to deliver optimal performance. Quickly recover individual tablespace, filegroup or files.
- *Exchange Server*—Restores single messages. Finds lost message, note, contact and more on key parameters via wildcards. Backs up and restores with single instance store.
- *SharePoint Portal Server*—Restores single documents. Protects all local or remote SPS resources.
- *Active Directory*—Provides fast recovery of Active Directory attributes and “Tombstone” users in the event of corruption of inadvertent modification.
- *Lotus Notes/Domino*—Backs up and recovers individual documents with NOTES ID intact, eliminating the replication storm that other recovery methods can trigger.
- *NAS*—NDMP controls the backup and restore process that includes direct attached, three-way backup and library sharing to assure data availability.
- *SAN*—Zero impact backup integrates with snapshot technology. LAN-free and serverless backup combines with Dynamic Drive Sharing and library sharing for seamless protection while eliminating load on production servers.
- *SAP R/3*—Fully integrates with the SAP BACKINT Interface and is fully certified with SAP BAPI.

Reduce—or Eliminate— Outages. Shorten the Backup Window. We're at Your Service.

The Hitachi Data Systems Global Solution Services team can help you address your backup and recovery needs through services that support Backup and Recovery software and other software from the Hitachi Business Continuity Solutions. These services assist you with configuration and basic control of Hitachi storage system-based data mirroring. They also help you support your data replication requirements, including backup and recovery, testing and development, business continuity and disaster recovery.

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