

BridgeHead ISB/IDR

Complete Protection for MEDITECH Data

ISB/IDR provides field-proven data protection technology. More than 300 hospital networks worldwide, representing over 1000 individual hospitals, have chosen BridgeHead solutions to protect their MEDITECH data.

KEY BENEFITS

- ▶ *Minimizes downtime via fast and reliable data recovery using point-in-time “gold copies” of MEDITECH data*
- ▶ *Dramatically shortens backup windows and recovery times for EMR users*
- ▶ *Increases system performance due to elimination of MEDITECH host-based data mirroring and resynchs*
- ▶ *Provides the only MEDITECH-certified disaster recovery capability*
- ▶ *Allows IT to significantly reduce and fine-tune Recovery Point Objectives [RPO] and Recovery Time Objectives [RTO]*
- ▶ *Flexible support for pre-existing TCP/IP or FC network infrastructure*
- ▶ *Expands to a full enterprise storage management system for all other platforms and applications*

A reliable recovery strategy

Modern healthcare practice has come to rely upon electronic data – and the continued availability of that data – to provide quality care to patients. If your MEDITECH HealthCare Information System [HCIS] were to be unavailable for even a few hours, how would patient care be affected? If you were to lose hours or even days of MEDITECH data, how would patient care be compromised? As a healthcare IT professional, your patients and staff rely on you to ensure the availability of your MEDITECH data at all times – even during unforeseen disasters, systems failures, and data corruption events. You need a reliable strategy in place that minimizes data loss and recovery times, allowing you to bring your HCIS back into live production quickly and predictably.

The only technology certified by MEDITECH

To help make that strategy a reality, MEDITECH and BridgeHead jointly created Integrated Serverless Backup [ISB] and Integrated Disaster Recovery [IDR]. ISB/IDR is the only MEDITECH-certified solution for data protection and disaster recovery in a SAN environment... and BridgeHead is the only software company who can provide an ISB/IDR solution that works on every MEDITECH-certified SAN. In fact, MEDITECH is so confident in the BridgeHead ISB/IDR solution that they use it for their own data protection and recovery needs.

How it works

Based on a unique method for automatically creating consistent, point-in-time copies of MEDITECH data, BridgeHead ISB/IDR can back up or replicate that data to secondary storage: tape, disk, even VTL. Unlike generic backup, replication, and mirroring tools, ISB/IDR ensures that the MEDITECH database is properly quiesced prior to the creation of spare copies of data. Because of this, only ISB/IDR-based backups and replicas can be relied on to be restored quickly and predictably – every time – without time-consuming database analysis or repair.

Beyond simple backup

Since its introduction in 2002, ISB backup and IDR replication technology have progressed substantially, integrating backup, replication, and snapshotting into a single, automated procedure. BridgeHead ISB/IDR is a robust, failure-resistant, and highly scalable solution supporting MAGIC OSAL/SMP and Client/Server 5.x/6.0 platforms, all MEDITECH-certified SAN platforms, all common secondary storage devices, and both fibre-channel and TCP/IP networking infrastructure. ISB/IDR backups and replicas can be positioned for either rapid recovery or long-term safekeeping on any storage device at any local or remote location around your networked environment. No matter what your business needs or technology constraints, BridgeHead ISB/IDR is the single solution for your organization to achieve its disaster recovery, business continuance, data protection, and compliance goals.

MEDITECH-specific features

- ✓ Full application-level integration and support of the MEDITECH ISB API including all advanced error handling and status options
- ✓ Synchronous creation of point-in-time MEDITECH data images ["gold copies"] across all MEDITECH systems
- ✓ Support of all MEDITECH-certified SAN platforms and configurations including: EMC, HP and IBM
- ✓ Supports MAGIC/OSAL, MAGIC/SMP, Client/Server 5.x and Client/Server 6.0 environments

High Performance Backup (ISB)

- ✓ High-speed block-level or "image"-based transfer of MEDITECH data – a ten times performance improvement for EMR users
- ✓ Parallel streaming and job processing
- ✓ Unlimited deployment of parallel backup servers for large-scale environments
- ✓ Support of all modern high-speed/high-capacity tape formats including: LTO, SDLT, AIT, etc.
- ✓ Contiguous image layouts on the same volume to ensure high-performance single-system recovery
- ✓ Backup processing to all modern disk types including raw disk and VTL (Note: HT Backup offers native VTL capabilities that allow users to easily create their own disk to disk to tape [D2D2T] processes with any storage components)

Integrated Disaster Recovery (IDR)

- ✓ Host-based replication supports all disk systems
- ✓ Automation of controller-based replication utilities including EMC SANCopy
- ✓ Automation of controller-based snapshot utilities including EMC SnapView
- ✓ Integration of replication and backup jobs into single "cascading" procedure
- ✓ User-defined automated replica management with multiple generations and retention cycling
- ✓ Remote IDR replication

Enterprise management and scalability

- ✓ Expandable to support backup and archiving for most common non-MEDITECH systems and data including Windows, Linux, UNIX, and NetWare
- ✓ Centralized management console and reporting – even for multi-site environments
- ✓ Includes enterprise media management for support of disk tape and automation across all enterprise locations
- ✓ Distributed operation in fibre-channel and TCP/IP networks supports pre-existing and heterogeneous network



BridgeHead Software, the Healthcare Storage Virtualization (HSV) company, offers a scalable, future-proof platform to overcome rising data volumes and increasing storage costs while delivering peace of mind around the access, availability and protection of critical electronic patient data.

Trusted by more than 1,000 hospitals worldwide, BridgeHead Software solves healthcare organizations' backup, recovery and archiving challenges. BridgeHead's HSV solutions are designed to operate with any hospital's chosen software applications and storage hardware, regardless of vendor. This presents healthcare organizations with more choice, flexibility and control over the way data is accessed, protected and managed. The net effect – better utilization of hardware resources and, more importantly, the efficient distribution, availability and use of vital healthcare data.

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For more information on how BridgeHead Software can help lower the cost and administrative burden of managing your healthcare data, contact us at: info@bridgeheadsoftware.com or visit us at www.bridgeheadsoftware.com