Care for Your Patient and Hospital Data

Experience the Difference that a Cost Effective, Integrated Healthcare Data Management Solution Can Make
Moving patient records to electronic storage is expected to make it easier and more cost effective to ensure excellent patient care. But, this will only be true if Electronic Healthcare Records are properly managed: they must be available when needed, safe-guarded from inappropriate use and retained to support long-term patient care.

In reality, most hospital systems are not designed to handle all of this data holistically. Applications, including Hospital Information Systems (HIS) and Picture Archiving and Communication Systems (PACS), are often managed as islands unto themselves. This results in data storage silos, making it harder and more problematic to manage and protect these systems, migrate and update their capabilities and share data between them.

In the race to keep up with growing data, healthcare IT professionals are forced to allocate more and more systems and storage space to applications scattered throughout the hospital. Keeping track of all of these infrastructure components is an enormous task. Keeping them all running well is a growing challenge. Keeping them running well using traditional approaches, while expanding to support future data loads, is impossible as the costs and burdens rapidly climb to the point that hospitals cannot afford their own IT.

The pressures and responsibilities that healthcare data places on IT systems, and people, is measured not just by out-of-control infrastructure costs, but in the delivery of patient care. When healthcare data is lost or damaged it can disrupt treatment and cause irreparable harm. With the coming world of online Electronic Healthcare Records (EHRs) and universal access to patient information, it is now urgent to build a stronger foundation for the delivery of care using an integrated solution for healthcare data management.

At BridgeHead Software, we’ve designed a comprehensive data management solution that fully integrates with your entire hospital systems environment, working seamlessly in the background. The results, in terms of relief of the burden on your IT infrastructure, and your people, are compelling.

What makes BridgeHead Software such a robust solution to your clinical and administrative data management challenges is the way in which our software consolidates your healthcare storage infrastructure.

The advantages of working with a consolidated healthcare data and storage infrastructure:

- Protect, Preserve and Unify Management of all data in your hospital environment with a single, efficient, highly reliable solution
- Improve Disaster Recovery through backup optimization by creating a self-protecting archive for static data
- Lower the Costs of EHR systems and data management with better efficiencies from existing systems, networks and storage infrastructure
- Extend the Life of Existing Disk Storage with improved performance for applications
- Simplify PACS Data Ownership and Management with the creation of a central DICOM-standard image repository accessible to all PACS application brands and versions in use throughout your hospital system
- Ensure Rapid, Open Search Access to all managed patient data from anywhere in the hospital system.

“BridgeHead Software is our only choice for data management, not only for HCIS, but also from an enterprise perspective. In terms of giving us what we need for tiered storage, manageability, reporting and ensuring data integrity for our systems, only BridgeHead has the capabilities that we need.”

Rejean Loisel
IT Manager of Technical Services at Lakeridge Health Corporation

* According to a study conducted by Harvard University in late 2008.
Build a stronger data foundation for patient care records

BridgeHead Software Consolidates Management of All Data in the Patient Record, from Medical Applications to Office Systems, to Build the Modern Healthcare Infrastructure that the EHR Requires

Experience the benefits of a Healthcare Data Management solution that also works with your office systems

BridgeHead Software offers all of the critical capabilities that you need to manage data effectively in a healthcare environment:

- Backup, Recover and Preserve all patient record data
- Compress and De-duplicate data for more efficient retention
- Secure data with built-in Encryption
- Archive unchanged and unaccessed static data, including medical images, to reduce backup and storage loads
- Replicate managed data to offsite locations for Disaster Recovery
- Enable Search access of all managed data.

BridgeHead Software’s capabilities are offered in a set of integrated modules that you can add to your hospital systems deployment as your systems and data grow. BridgeHead customers can start with BH MediStore modules for immediate healthcare data benefits and then add BH OfficeStore® modules to reduce costs and administrative burden. All modules are managed using the same intuitive BridgeHead administrative console interface, with reporting, monitoring and seamless management of tiered storage systems.

BridgeHead MediStore™ modules offer data management of your clinical and administrative IT environment, including HIS, PACS applications and scanned document images.

BridgeHead OfficeStore™ modules offer data management of your popular office applications including Microsoft Exchange email and SharePoint systems. Popular file systems support includes Microsoft Windows and Linux operating systems.

BridgeHead Software enables more rapid adoption of EHR systems that improve delivery of treatment by laying a stronger healthcare data foundation underpinning your patient care systems. The BridgeHead solution is designed to scale seamlessly, growing with your healthcare data and patient care requirements while keeping management costs and burden to a minimum. The result for your applications is improved flexibility (e.g. migration without impact to your data).

Unlock the power of your PACS data

BridgeHead Software not only cares for patient data, but also simplifies applications management for PACS. By adhering to DICOM image standards any PACS in your hospital can operate using the same, central BridgeHead MediStore™ repository. The resulting universal access to DICOM images effectively frees PACS from the underlying data, enabling:

- Universal search of any image in the DICOM repository regardless of which PACS application originated the file
- Fast retrieval and viewing of any DICOM image using the PACS application at point-of-care
- Seamless use of many brands and versions of PACS in the same hospital system
- After ingesting your DICOM images into the BH MediStore® repository, you avoid having to migrate images when you upgrade or between PACS versions and brands
- Consolidated DICOM image storage offering significant cost savings and greater ROI
- More easily provisioned disaster recovery for all DICOM images.

Storage-agnostic flexibility

Patient data, managed by Bridgehead Software, can be stored across your tiered environment as best befits your organization, including direct-attached and network-attached disk, cloud, optical and tape devices. This vendor-agnostic approach allows you to combine brands of storage and media types according to what you need and find most cost effective. This frees you to negotiate better service contracts, on better terms, from your storage vendors. This approach also helps you to get the most from your current storage infrastructure and systems investment.

Virtualized storage benefits

BridgeHead Software makes it simple to consolidate complex, isolated storage silos into a more streamlined and integrated environment where storage devices of different brands and types work seamlessly together to keep, protect and preserve healthcare data.

BridgeHead Software simplifies the use of tiered storage by automating the movement of managed healthcare data across tiers according to age and use. Relocation of static healthcare data from primary to protected secondary storage increases applications’ performance and makes backup possible.

Storage-aware value

With BridgeHead Software’s solutions, you can use the servers, network and storage infrastructure of your choice. When you select market-leading disk storage including those from Dell, Oracle, HDS, IBM, HP and EMC, you gain the added benefit of integrated capabilities designed to work with embedded snapshot and replication technologies.
Hospital storage chaos without BridgeHead

Hospitals with complex data environments, spread across isolated silos of patient data, often experience:

- Inconsistent data availability
- Incomplete, fragmented search
- Stagnant, costly-to-upgrade applications
- High wasted capacity of IT resources such as storage
- Low storage, network and systems sharing
- Complex, high-cost management
- Difficult provisioning for disaster recovery.

Hospital storage consolidation with BridgeHead

Healthcare organizations using BridgeHead Software consolidate their hospital’s data and storage infrastructure, creating a stronger foundation for patient data management, and often experience:

- Highly available systems and data
- Easy, rapid search at point-of-care
- Shared access to all data between applications
- Efficient use of resource capacity including storage
- High storage and systems sharing
- Efficient, lower-cost management
- Built-in disaster recovery capability.

The big picture of BridgeHead Software benefits for hospital environments

- Consolidates healthcare infrastructure to provide immediate stress relief for healthcare storage systems and data
- Builds a stronger data foundation for patient care, now and into the future
- Enables current systems and IT teams to more easily meet the challenge of moving patient data online
- Reduces management of all data in the patient record, lowering costs and burdens
- Unifies search access of electronic patient data, speeding the process and minimising human error
- Frees applications from ties to underlying data formats for faster, less costly applications migration and management
- Frees data from being fragmented and trapped in isolated silos of storage with automated migration of content across brands and types of storage
- Makes it easier and more cost effective to expand healthcare storage infrastructure with improved resource sharing that benefits all patient data

Work with the leader in Healthcare Data Management

BridgeHead Software is a leader in the management and protection of EHR and healthcare systems’ data in hospitals, regional centers and networks worldwide. BridgeHead’s personnel and partner network offer the healthcare expertise and industry focus to understand the challenges and demands you face in securing, protecting and supporting patient and administrative data that is so vital in the delivery of quality care today.

BridgeHead Software at-a-glance

- Software storage management specialist
- Founded in 1994
- 100% healthcare focused
- Over 1,000 hospitals under management
- Storage, vendor, platform agnostic
- Storage-aware benefits with Dell, Oracle, HDS, HP, IBM and EMC
- Integrated data management solutions for HIS, PACS, file and office systems (among others)

Experience the difference that our healthcare-centric approach to data management can make in your hospital IT environment. Enable your EHR systems with BridgeHead Software solutions. Visit us at: www.bridgeheadsoftware.com

“When we need help, BridgeHead has been very responsive and moves very quickly to help us: they VPN into our environment and remote manage our systems to show us something, or to help us get a configuration adjusted. Our experience overall working with BridgeHead has been very positive. We feel confident that BridgeHead Software offers the components that we know we need to continue to evolve our operations environment into the future.”

Ken Montgomery
Network and Operations Supervisor at Wooster Community Hospital

As well as Healthcare Data Management, BridgeHead Software offers a comprehensive data protection platform to help hospitals build an effective backup and disaster recovery strategy for their clinical and administrative content. For more information, please contact info@bridgeheadsoftware.com
About BridgeHead Software

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.

Learn more about BridgeHead Software at
www.bridgeheadsoftware.com

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