

BridgeHead MediStore™

A Comprehensive Solution For Accessing, Sharing and Managing Your Clinical Images And Electronic Patient Records

BH MediStore® provides a fully searchable archive for clinical and administrative information helping hospitals overcome challenges around the accessibility and interoperability of their healthcare data, making it easier for future migrations, while reducing the TCO of their existing storage infrastructure.

KEY BENEFITS

- ▶ *Eliminates storage silos across your healthcare environment*
- ▶ *Enables interoperability by leveraging healthcare data standards such as HL7, DICOM and XDS/XDS-I*
- ▶ *Lowers TCO and increases ROI on your infrastructure by optimizing your primary storage assets*
- ▶ *Eases future storage and application migrations*
- ▶ *Offers a futureproof solution for managing the continued growth of your patient data*
- ▶ *Ensures security and protection of your valuable healthcare information*

The pressures of healthcare data

30% of storage worldwide is now consumed by healthcare – with further growth expected. This upsurge stems from the creation of Electronic Medical Records (EMRs), the move to ‘paperless’ environments and the increase in modalities utilizing imaging systems and the volumes of high fidelity pictures they create. But the dependency on such information by hospitals has placed enormous pressure on healthcare IT:

- ▶ How can they manage this growing data, making it available to the right people when needed?
- ▶ Can a hospital search and access data across their systems, creating an holistic view of a patient? Or is it locked in application or storage silos such as PACS?
- ▶ What about patient data compliance and retention management?
- ▶ Are current infrastructures coping today? Will they tomorrow?
- ▶ Storage already uses around a third of the healthcare IT spend. Are shrinking budgets affecting the way hospitals manage, secure and protect this rising data?

Every day, healthcare IT professionals are seeking new and creative ways to efficiently address these issues while keeping cost under control.

The answer lies in one place

BridgeHead MediStore™ offers hospitals a total solution for patient and administrative data management. By creating a centrally managed, fully indexed and searchable archive, BH MediStore® can present users with a horizontal view of patient records. It does this by interfacing between the clinical and administrative applications, and their respective storage, then brokering the data so that it can be accessed quickly (configured to adhere to departmental SLAs, e.g., 3 second retrieval of medical images) and shared securely by hospital staff where and when they need it.

It’s your data. Why not take back control?

As BH MediStore is agnostic in terms of the storage devices it controls, and the applications it serves, healthcare IT has more flexibility over how their data is accessed, shared, managed, stored and protected. This not only unlocks the storage silos caused by dedicated applications such as PACS, EMRs and Electronic Content Management [ECM] systems, but allows hospitals to control and implement their own storage strategies, such as creating a Vendor Neutral Archive [VNA] for medical images or taking advantage of the benefits of tiered storage.

Efficiency up, TCO down, compliance met

BH MediStore’s rich policy engine can apply rules that move unchanging files such as medical images, EMRs or scanned documents, from costly primary storage facilities into the archive, instantly relieving the stress on expensive storage assets, delaying costly hardware refreshes and reducing the overall TCO. The policy engine also enables Information Lifecycle Management [ILM] by attributing rules for file retention, deletion etc. – all with a full audit trail.

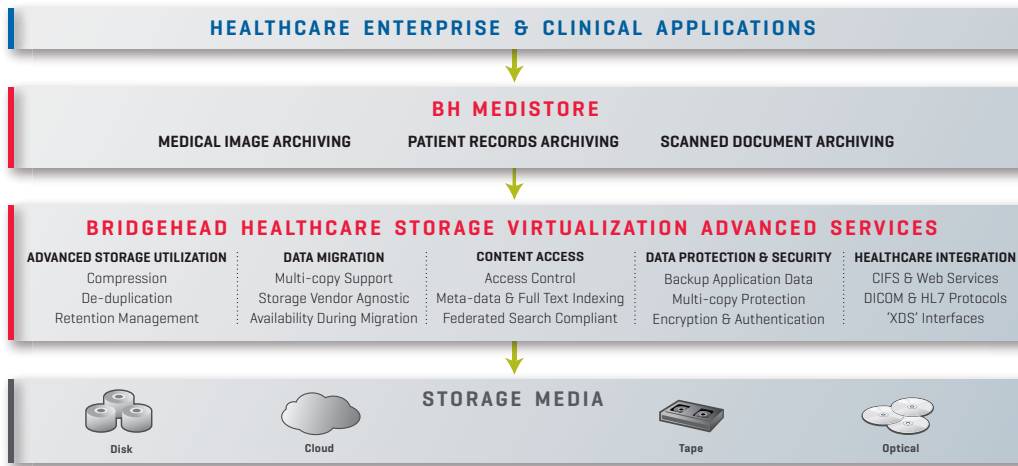
Optimize backup and DR; ease migration

As data enters the archive, it can be removed from your primary backup stream as BH MediStore automatically protects it by creating multiple, geo-dispersed copies for disaster recovery, coupled with encryption and authentication facilities. And, once contained within the archive, BH MediStore eases application and storage migrations, from swapping out your PACS systems to upgrading your storage infrastructure, by managing data movement in a controlled and efficient way. BH MediStore will be the best and the last data migration a hospital will need.

Supporting standards leads to quick ROI

By adhering to healthcare standards such as HL7, DICOM and XDS/XDS-I, BH MediStore can be deployed rapidly, integrating into your hospital’s environment allowing you to quickly take advantage of a true, standards-based, interoperable, centralized data repository for patient information.

BH MediStore provides a centralized archive for Electronic Healthcare Records. From managing DICOM images, serving multiple PACS applications, through to scanned patient documents, BH MediStore provides healthcare data to the right people at the right time.



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.

Key features of BH MediStore

- ✓ Built-in interfaces for DICOM, HL7, CIFS, NFS & Web Services for content capture
- ✓ Integrates with PACS and patient records systems
- ✓ Content APIs available for custom and XDS / XDS-I integration
- ✓ Advanced storage management [e.g. compression, de-duplication]
- ✓ Storage vendor & technology agnostic [e.g. Cloud, NAS, tape]
- ✓ Meta-data and full text indexing
- ✓ Built-in data protection [e.g. meta-data protection and multi-copy]
- ✓ Built-in retention management [including managed deletion]
- ✓ Encryption and user authentication services built onto core platform
- ✓ Isolated storage groups for increased security
- ✓ Integrates with storage devices distributed across geographic locations
- ✓ Support for low bandwidth environments
- ✓ Auditing and reporting
- ✓ Support for migration services [relocating historic data]
- ✓ Built-in data and media migration services

UK

BridgeHead Software Ltd.
 BridgeHead House
 215 Barnett Wood Lane
 Ashtead, Surrey, KT21 2DF
 +44 (0) 1372 - 221950
 +44 (0) 1372 - 221977 fax

USA

BridgeHead Software, Inc.
 400 West Cummings Park
 Suite 6050
 Woburn, MA 01801
 +1 - 781 - 939 - 0780
 +1 - 781 - 939 - 5607 fax

GERMANY

BridgeHead Software Ltd.
 Kaiserwerther Strasse 215
 D-40880 Düsseldorf - Ratingen
 Deutschland
 +49 (0) 700 - 9729 - 0000
 +49 (0) 210 - 2420 - 62 fax

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