

BridgeHead FileStore EHR™

Healthcare Data Management For Electronic Health Records

BH FileStore EHR™ provides cost effective retention and protection of electronic health records to support the paperless hospital.

KEY BENEFITS

- ▶ Reduce costs of primary storage by moving data to more cost effective media
- ▶ Reduce backup recovery windows and resource consumption
- ▶ Eliminate manual file management with a sophisticated policy-based rules engine
- ▶ Control your data management with a storage vendor agnostic solution
- ▶ Enhance data protection with a multi-copy archive

From paper to paperless

As more Electronic Health Record (EHR) systems come online, hospitals are shifting from paper-based to paperless operations. Paper charts are being replaced by electronic charts, moving the patient's Legal Medical Record online. Documentation collected at registration [e.g. driver's license, proof of insurance, living will] as well as created during treatment [e.g. EKG strips, medication orders] or at discharge [e.g. patient discharge instructions, prescriptions] is being scanned and archived as part of the patient's complete EHR.

From the warehouse to the data center

Now, instead of paper warehouses being overloaded with patient records, the burden has shifted to the data center. And the burden is significant: many hospitals are already projecting storage requirements of 60GB per bed, per year, which translates to 6TB for a 100-bed hospital. This figure only covers new patients, not retroactive scanning related to previous patient stays.

While regulatory compliance compels you to keep this data, the frequency of access to patient records declines substantially over time. It quickly becomes clear that using expensive tier-1 storage to house this data is neither efficient nor cost effective.

BridgeHead has the solution

BridgeHead FileStore EHR™ is a policy-based storage management system for healthcare file data. It automatically identifies and repositions content that hasn't been accessed to the most appropriate alternative storage devices. It reduces the need for expensive tier-1 storage and simplifies online content management by eliminating the need to repeatedly back up unchanging data.

BH FileStore EHR™ uses your policies to manage electronic health records. For example, while you will likely want to house these files on the primary storage tier for the duration of a patient visit, it is

more cost effective to move them to a protected archive once the treatment period has concluded. Similarly, you could choose to have inactive files automatically archived after a specific number of days have elapsed. With BH FileStore EHR, you are in full control of how the data is managed.

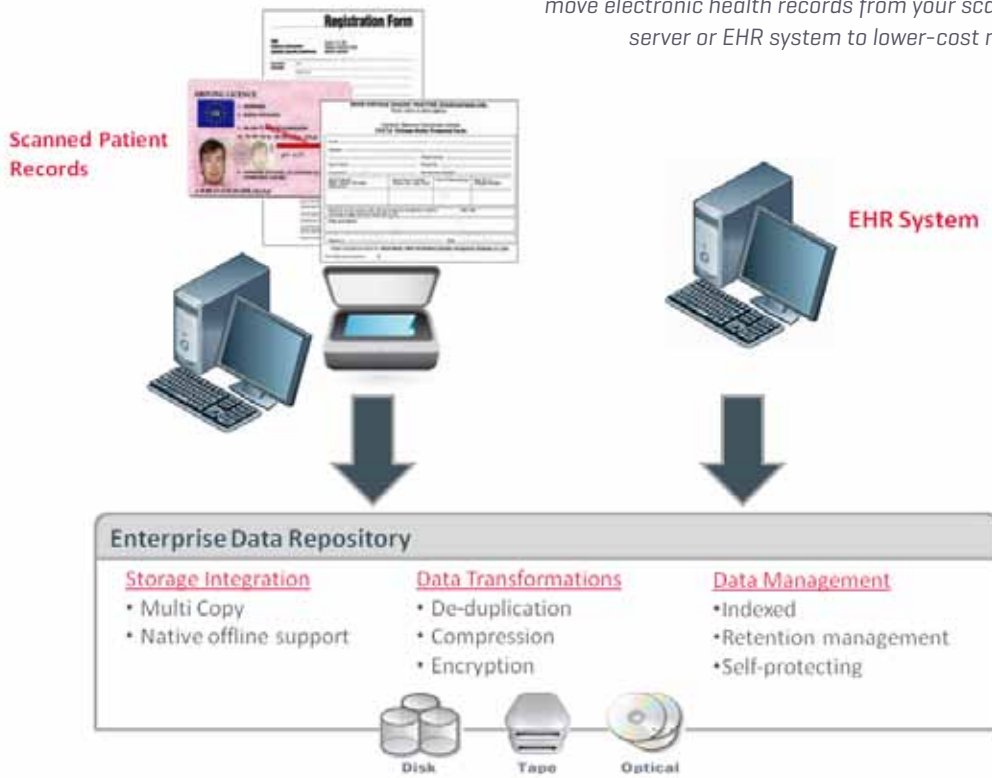
Value delivered to the IT department

- ▶ Transparent data access to the application. Your applications write the data once and BH FileStore EHR does the rest
- ▶ Greatly reduces storage costs by reserving primary assets only for active data
- ▶ Storage and vendor agnostic. Supports all common storage devices and media types allowing them to be used in any combination
- ▶ Ensures data compliancy and IT service levels with intelligent management over retention, authentication, security, access control and more
- ▶ Streamlines disaster recovery with simplified processes and fewer resources needed for tasks such as replication and backup
- ▶ Enterprise media management software controls the physical storage devices across the distributed archiving environment
- ▶ Integrates with your existing BridgeHead HT Backup™ environment (not a requirement) and leverages the same IT assets

Extensible to the rest of the enterprise

Once you've reaped the benefits of BH FileStore EHR for your electronic health records, you're well positioned to extend those benefits to the rest of your enterprise. Let BridgeHead manage all your clinical and administrative data to reduce storage costs and enhance recoverability as well as discoverability. Rest secure in the knowledge that you have the right data, in the right place, at the right time.

BH FileStore EHR uses your policies to identify and move electronic health records from your scanning server or EHR system to lower-cost media.



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 FileStore EHR

- ✓ Sophisticated policy-based rules engine
- ✓ Transparent archiving, freeing up expensive primary storage capacity while maintaining normal end-user and application access to data
- ✓ Automated archiving of data to secondary storage for protection and compliancy purposes - without modifying source copy
- ✓ Compliant archive manages file retention periods, protects data from unauthorized access and completes auditing of all file access and movement
- ✓ Supports multiple copies to similar or different media and network locations
- ✓ Full removable media lifecycle management including on- and offsite rotations, retention, maintenance, retirement and migration scheduling
- ✓ Fully integrated with the BridgeHead Healthcare Storage Virtualization™ platform

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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