



# BridgeHead FileStore EHR™ for RAS

## Healthcare Data Management for Electronic Health Records

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BridgeHead FileStore EHR™ for DB Technology's RAS provides cost effective retention and protection of critical documents, reports and other information vital to the business of healthcare.

**DB TECHNOLOGY**



**BridgeHead**  
*Healthcare Storage Virtualization*

## 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 that 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.

## RAS makes it possible

RAS automatically captures, processes, accesses and distributes information wherever and whenever it is needed, resulting in time savings, redirected resources, and the prevention of human error. RAS captures, compresses and archives data from any application into a searchable enterprise-wide repository. Users can automate, manipulate and process information and distribute, view and edit reports online. RAS provides formats for automatic data analysis and executive reporting and eliminates the need for a variety of manual tasks, including distribution and cumbersome paper storage. RASi scans and manages electronic and hardcopy patient accounting, clinical reports and documents from disparate systems and stores that information in an electronic patient folder (EPF) for easy retrieval and distribution. It automatically integrates indexes and links electronic reports, forms, EDI and scanned documents, providing a complete view of a patient's information without the need for manual indexing.

## 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

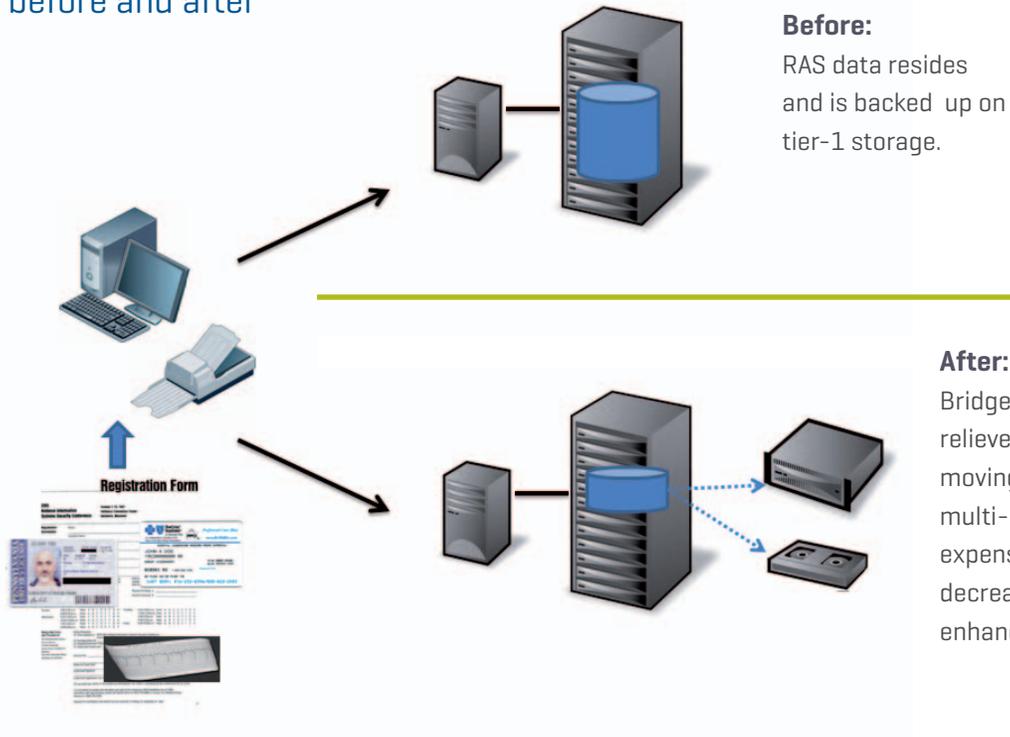
BridgeHead FileStore EHR is a policy-based storage management system that automatically identifies and repositions inactive data to the most appropriate alternative storage devices. It reduces the need for expensive tier-1 storage and simplifies online data management by eliminating the need to repeatedly back up unchanging data.

BridgeHead FileStore EHR uses your policies to manage electronic health records. For example, while you probably 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 BridgeHead FileStore EHR, you are in full control of how your data is managed.

### BridgeHead FileStore EHR for RAS key benefits

- ▶ Reduce costs of primary storage by moving data to more cost effective media
- ▶ Save time, redirect resources and prevent human errors
- ▶ 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

## BridgeHead FileStore EHR® and RAS: before and after



### Before:

RAS data resides  
and is backed up on  
tier-1 storage.

### After:

BridgeHead FileStore EHR®  
relieves tier-1 storage by  
moving older RAS content into a  
multi-copy archive utilizing less  
expensive storage, saving cost,  
decreasing backup times and  
enhancing recoverability.

## Value delivered to the IT department

- ▶ Transparent data access to the application.  
Your applications write the data once and BridgeHead FileStore EHR does the rest
- ▶ Greatly reduces storage costs by reserving primary storage assets only for active data
- ▶ Storage and vendor agnostic, supporting all the common storage devices and media types and 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



## Key features of BridgeHead 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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