

Brochure

Optimize data protection for hospitals



Hewlett Packard
Enterprise

HPE StoreOnce and BridgeHead Software

HPE StoreOnce and BridgeHead Software improve backup system and archive performance, as well as data recovery times, enabling 24x7 availability of data.

Unprecedented data reduction

You can expect to see high deduplication ratios utilizing the HPE StoreOnce System and Catalyst solution integrated with BridgeHead Software. This advanced solution allows healthcare providers to keep more data nearline for timely restore—helping meet recovery point and recovery time objectives, saving time and money, and improving the quality of patient care.

Proven integration abilities

Focusing exclusively on delivering and supporting healthcare solutions running on HPE Converged Medical Infrastructure, our network of approved partners has the IT and clinical expertise to tie all the pieces of your healthcare IT environment together.

Backed by decades of experience

With 20 years of experience in data and storage management, BridgeHead Software is trusted by more than 1,200 hospitals worldwide to provide application-integrated protection and recovery.

More data, more demands, simple solution

The management, retention, and security of patient data is becoming more complex due to increasing compliance requirements. Ever-changing government regulations and your organization's operational expectations likely have you striving to meet rigid standards for:

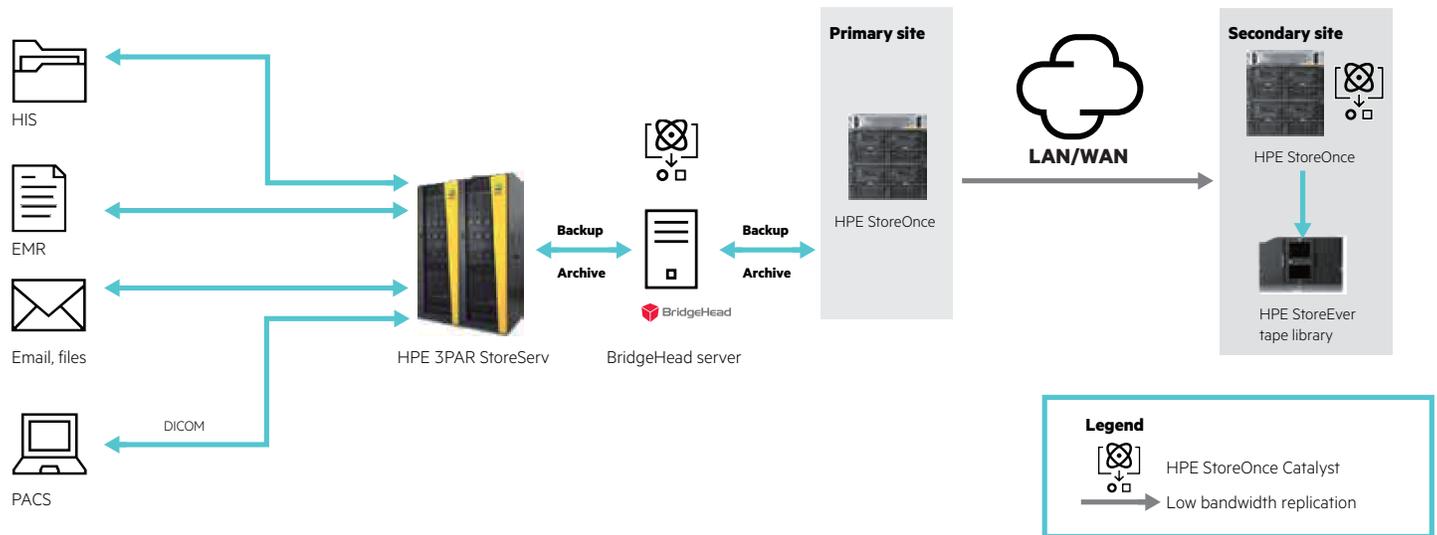
- Storing more data for longer periods—in many cases, forever—to adhere to patient data compliance requirements
- Backing up data within a specified period of time
- Meeting recovery point objectives with a defined disaster recovery plan
- Improving service-level agreements (SLAs)
- Maintaining high levels of data security

You also face unprecedented patient data growth, as well as the need to effectively manage that data and quickly retrieve it. Doing so will allow your clinicians to serve patients better, especially at the point-of-care.

The complexity of hospital applications, and the data which those applications create, puts unprecedented pressure on IT teams. These teams must find ways to manage hospital data of all types in a rapid-growth climate, while also containing costs. Consolidating protection strategies and infrastructure is a proven way to achieve these goals for data including DICOM images; non-DICOM images; audio/video files; EMR application data; email; file systems; and HL7, XDS, and XDSi.

While these demands might appear overwhelming, you can resolve them all with a single solution—HPE StoreOnce System and Catalyst integrated with BridgeHead Software's solution for backup and recovery, delivered by any of our certified partners.

HPE StoreOnce and BridgeHead Software solution for Healthcare data management



Customizable solution

Regardless of the size of your healthcare organization, the HPE/BridgeHead solution will meet your backup and recovery needs. Going one step further, this flexible, easy-to-manage, and fully customizable solution is designed to work with any storage environment.

So, rather than rip and replace your storage ecosystem, you can leverage your previous investments, while gaining additional value from the latest advancements in deduplication and recovery technology.

With this advanced solution, you can:

- Deploy a common backup platform that protects the data stored at all facilities within your hospital delivery network, as well as in your primary data center; consolidating your approach is key to containing costs and lowering administrative burdens, while also ensuring data protection and availability
- Reduce WAN traffic by up to 90 percent using highly efficient deduplication optimized for all types of hospital data
- Meet SLAs through high-performing data restores
- More efficiently manage data, both online and nearline
- Efficiently replicate data to a secondary site using enhanced deduplication technologies
- Protect your investment in existing storage systems; extend the life of your arrays
- Augment your existing tape backup strategy; gain all the benefits of disk-based backup/ deduplication, while also preserving tape as your off-site disaster recovery strategy

“We have an extremely short backup time with BridgeHead. Then, with the backups being deduplicated by HPE StoreOnce and replicated to our backup storage systems, we are taking multiple leaps forward in the optimization and stability of our MEDITECH EMR system.”

– Craig Villacorta, Director of Information Systems, KishHealth System

How does it work?

Designed to handle both local and remote backup, the HPE/BridgeHead solution optimizes the use of your storage and network resources. Depending on your requirements, you can use this solution for both source-side and target-side deduplication functions.

Through its API-level integration with HPE StoreOnce Catalyst, BridgeHead Software reduces the amount of data written to disk and improves the overall backup performance for your hospital data. The solution removes redundancies before the backup copy is written to the disk target working with an HPE StoreOnce Virtual Storage Appliance or a physical HPE StoreOnce device.

The storage target can be local to a hospital application, or it can be available over a WAN connection at a remote site (private or public cloud). Many sites find a “hybrid” approach beneficial, combining the use of local and remote storage. Doing so supports local recovery of more recent data, along with disaster recovery protection at remote sites.

Bringing it all together

All our certified partners have deep expertise in deploying HPE StoreOnce and BridgeHead deduplication for backup and recovery solutions running on HPE Converged Medical Infrastructure.

Professional services from partners include:

- Assess, design, and plan your server, network, and storage infrastructure for a smooth deduplication and recovery implementation, whether on-premise or cloud
- Analyze and optimize your infrastructure solution’s performance, overall efficiencies, and cost
- Implement the deduplication and recovery solution per HPE and BridgeHead’s specifications and best practices
- Seamlessly manage infrastructure acquisition, implementation, required and recommended services, and post-implementation follow-up

With strategic alliances and certified partnerships across the whole HPE portfolio, we believe we can open new possibilities and choices that can solve the pressing problems of today’s information-driven healthcare organizations.

Learn more at
hpematter.com/industry/healthcare
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Our solution partners



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