



GreenLake Flex Solution built for Electronic Health Records with MEDITECH

Deploy a GreenLake on-premises cloud platform for operating MEDITECH EHR software.

HPE and MEDITECH

HPE and MEDITECH have worked together to deliver successful EHR implementations to healthcare customers, with highly available, industry-leading solutions, meeting the needs of hospital systems from the smallest to the largest enterprises.

Hewlett Packard Enterprise can provide the highly available and secure IT infrastructure needed for MEDITECH Electronic Health Records. GreenLake brings healthcare institutions a pay-per-use cloud experience in their own data center or co-location facility, bringing uncompromising operational efficiency, performance and security.

The challenge

Modern healthcare has become ever more data driven, resulting from advanced diagnostic technologies that collectively generate an increasing volume of patient data. Healthcare providers rely on rapid, frequent access to their patients' records to ensure the efficient delivery of care, meaning healthcare data needs to be rapidly available 24x7x365. The data growth and solution sophistication place ever-greater demands on a healthcare provider's IT infrastructure. Leading EHR software vendors such as MEDITECH have developed sophisticated systems for healthcare providers that deliver reliable patient data management and support their complex workflows. GreenLake offers an as-a-service model to meet the IT needs for EHR, with scalable and secure operational efficiency, helping healthcare providers to optimize IT budgets while focusing on patient care.

The solution

Bring a GreenLake on-premises cloud experience for MEDITECH Electronic Health Records

GreenLake offers a comprehensive on-premises as-a-service solution, designed with the hardware and software, infrastructure needed to satisfy the demands for operating MEDITECH EHR software at scale.

Healthcare institutions can now make the most of their IT infrastructure investments: gaining performance, scalability, and agility, redistributing the burden of operating IT, and paying only for the resources they consume.

- **Cost efficiency with pay-per-use* model:** Healthcare providers benefit from a flexible, pay-per-use* cloud model, which allows them to scale resource capacity on demand, helping minimize up-front capital expenditures. This helps providers optimize IT budgets while focusing on patient care.
- **Enhanced agility and operational flexibility:** GreenLake offers the agility of a public cloud while maintaining control within the organization's own environment. This enables healthcare providers to adapt quickly to changing needs, such as increasing patient data volumes or regulatory updates, without compromising performance or security.
- **Improved system uptime and reduced risk:** GreenLake helps ensure healthcare providers can access critical patient records without disruptions. Improved system uptime helps enable continuous access to patient records and helps ensure the regulatory compliance needed for mission-critical environments, such as MEDITECH EHR.

* May be subject to minimums or reserve capacity may apply

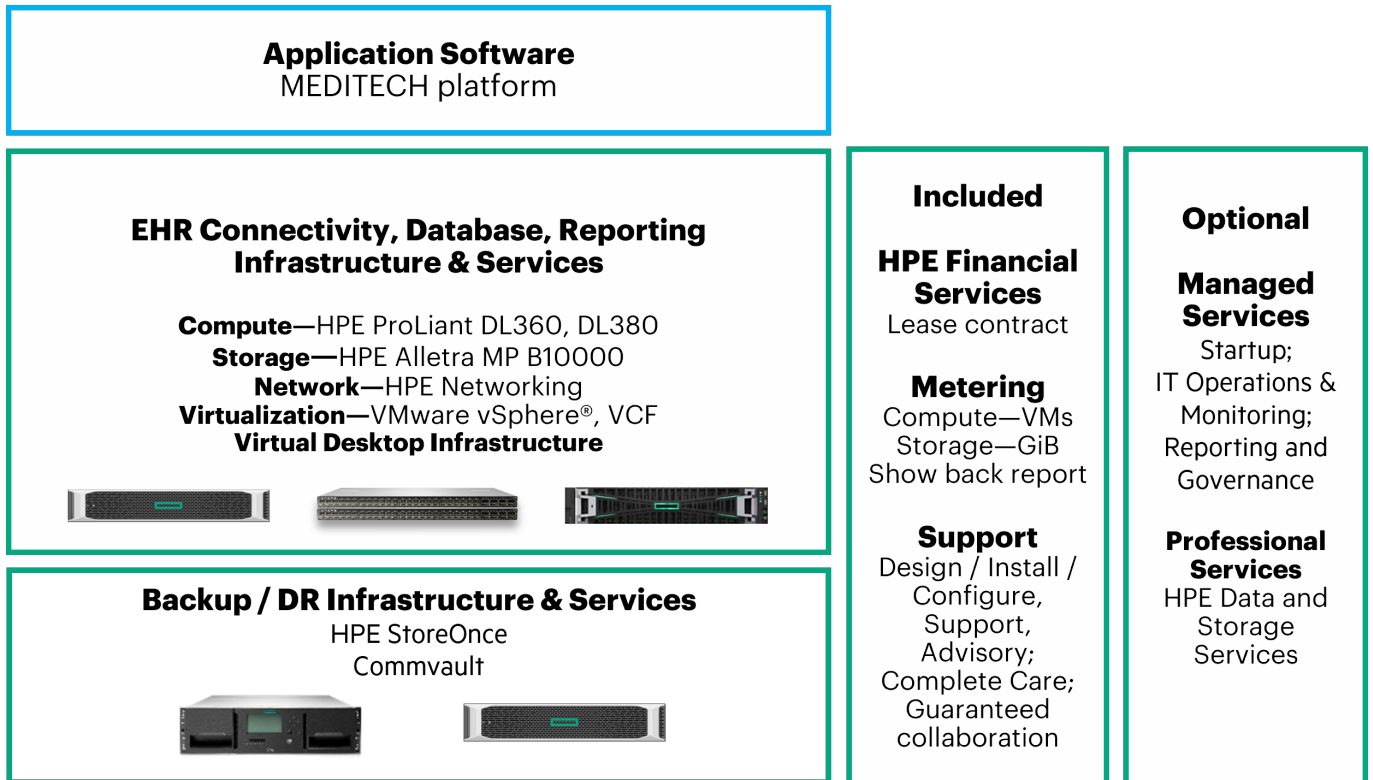


Figure 1. GreenLake solution architecture

As shown in Figure 1, in the GreenLake Flex Solution built for MEDITECH EHR, HPE delivers the hybrid cloud platform, including the servers, storage, and SAN infrastructure, required to operate the latest MEDITECH EHR software.

GreenLake Flex Solutions include proactive support and reporting with an assigned HPE delivery team, for consumption analytics, capacity planning, and an accelerated support experience. HPE also offers a managed service option, with additional professional services available.

The HPE Alletra Storage MP B10000 storage system is an integral part of the solution. MEDITECH lists the HPE Alletra Storage MP B10000 system as providing mission-critical storage for larger patient records systems.*

MEDITECH delivers the EHR software and its associated services to customers.

Key benefits

GreenLake ensures healthcare providers can access MEDITECH electronic health records with a highly available and efficient infrastructure. A flexible, pay-per-use* model enables scaling of IT resource capacity based on demand, adapting quickly to changing needs, without compromising performance and security. GreenLake enables healthcare providers to optimize IT budgets while focusing on patient data.

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