DELL Technologies

DELL TECHNOLOGIES SOLUTIONS FOR EPIC ENVIRONMENTS

Enabling next generation electronic health records (EHRs)

Dell Technologies provides integrated solutions that incorporate best-in-class hardware, software, and device offerings, coupled with deep healthcare industry expertise and consulting services to ensure your organization keeps pace with digital innovation to accelerate your successful EHR deployment.

Our technologies map to your organizational requirements from the point of care to core to cloud to effectively and seamlessly address the workflow, management, and security needs associated with deploying and managing an Epic environment. Optimized end user devices are backed by a composable, robust infrastructure and layered with advanced security and management tools that match Epic's standards for Honor Roll, including backup and disaster recovery.

Areas of consideration for EHR integrations
Whether deploying a new EHR implementation or optimizing an existing platform, healthcare organizations should look to consolidate complex repositories of clinical and administrative data for anywhere, anytime access to critical patient information, including:

- **Workflow:** Streamlining data accessibility in a clinical working environment is critical. Health IT teams are tasked with providing staff with the specific tools needed to do their jobs effectively and productively rather than opting for a one-size-fits-all approach. For example, some clinicians require real-time secure access to the EHR from bedside and beyond to review, upload, and amend patient data as they move throughout their workday, while clinicians like radiologists and pathologists require access from high-performance desktop systems built for advanced image and data analysis.

- **Management:** Health IT organizations need to deliver a seamless EHR experience across the healthcare environment while managing a complex ecosystem of end user technologies, applications, and infrastructure.

- **Security:** Meeting security requirements is particularly challenging for healthcare providers in a world where patient data is a prime target for cyberattacks and where the complexity of maintaining security grows due to an increasing number of connected devices and multiple points of contact across the healthcare ecosystem.

1.   Definitive Healthcare, January, 2021

WHY DELL TECHNOLOGIES

1 Full breadth of solutions from edge to core to cloud for your Epic deployment

2 More than 65% of Epic's customers deploy Dell Technologies solutions[1]

3 Our hyper-converged infrastructure (HCI) is validated by Epic for the presentation layer, application layer, analytic database, and operational database

Dell Technologies uniquely bridges the gaps between endpoint devices, clinical workflow enablement, and IT infrastructure (including operations and management), offering healthcare providers **a single source to efficiently run, manage and access their Epic environment.** We also layer in top-rated security and data protection solutions to protect data at every touch point, 24x7, 365 days a year.

A Comprehensive Solution Portfolio for Epic

Point of Care
Choose from an extensive device and technology portfolio to match your Epic client system requirements, including Dell Optiplex workstations, Wyse thin clients, Dell Precision and Latitude laptops, 2-in-1s, displays, printers, and more. Improve clinician workflows by selecting predefined configurations for specific workloads, matching the right device to the unique workflow demands of your staff—including physicians, nurses, technicians, pharmacy staff, researchers, administrative staff, and lab personnel. Unify user, desktop, and mobile access management and enable a digital clinical workspace that provides secure, simple access to patient information on the right device for the right task at the right time with VMware Workspace One.

Core | Data Center
Modernize your data center with Dell EMC IT infrastructure solutions, featuring hyper-converged infrastructure (HCI) platforms approved for both operational and analytic databases. To optimize complex EHR ecosystems, you'll need a software-defined data center that includes:

- Compute: High-performance server platforms running in a converged infrastructure (CI) or HCI with continuous availability
- Storage: PowerMax, PowerStore, PowerFlex and XtremIO
- Advanced data protection for operation backup and restore in conjunction with comprehensive cyber-recovery
- VMware vSphere, vSAN, and NSX for Epic

Multi-Cloud
Dell Technologies offers a broad range of multi-cloud solutions and services, from healthcare-specific cloud services and industry-leading software-defined infrastructure to solutions that simplify and accelerate the ability to leverage multiple clouds across EHR environments.

- Leverage the #1 provider for cloud IT infrastructure, cloud platforms, cloud-enabled infrastructure, consumption models, and services, all in one place.[2]
- With Virtustream Healthcare Cloud, gain the efficiencies and scale of the public cloud in a secure and compliant cloud platform that is purpose-built to address the specific needs of healthcare, including the migration and integration of EHR systems.
- Leverage public cloud resources on demand with a cloud adjacent hosted model—a good fit for even the largest community members.

One source to deploy and manage your Epic environment
Dell Technologies delivers solutions to meet the most rigorous application, user, and business demands. Solutions are built to speed performance, simplify management, enhance data protection, and deliver always on availability for patient care delivery. Our strategically-aligned business solutions are designed to meet all of your EHR needs.

Make the Epic Honor Roll with Dell Technologies
Dell Technologies provides the technologies needed to enable your organization to achieve the infrastructure component of Epic's Honor Roll, including:

- 24x7 support
- Maintaining a response-time-tracking exception percentage below 1%
- Passing all items on the Business Continuity Review
- Running your system on target platforms with Epic's recommended configurations

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Learn more about our solutions for healthcare

Contact one of our healthcare experts

Join the conversation with #TransformHIT

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