

PURE SOLUTIONS POWER EHR

Electronic Health Records (EHR) demand a new IT approach

SUMMARY

Electronic Health Records (EHR) are at the forefront of the ongoing digital transformation in healthcare, serving as a critical workspace for clinicians as more and more apps and analytics come into play. EHRs store and deliver the most sensitive, timely patient information and provide caregivers with a decision-making and workflow tool that is revolutionizing care delivery – and requiring modernization in provider IT.

ENTERPRISE EHR ADOPTION MAKES HEAVY DEMANDS ON INFRASTRUCTURE

The use of EHR in care delivery means providers rely on more and more data and workflow functions from their EHR; EHR-related data services now extend well beyond documenting patient data. Patients themselves leverage EHR-based apps as well – to interact with providers, manage coverage, and access health data. But the expansion of the EHR platform has significant infrastructure implications in the data center. Expanded data-enabled services have strained the ability of legacy IT architectures to deliver needed performance and scale. To support new data requirements, infrastructure needs to be rationalized and upgraded so that higher-level EHR functionality and workflows, alongside mobility and real-time analytics, enable providers to do their jobs efficiently.



ALL-FLASH PERFORMANCE

High performance, high availability all-flash infrastructure



CLINICAL DATA HUB

Data-Centric Architecture lets you build a data hub that serves all your apps, including EHR, analytics, and AI.



SECURE CLINICAL PLATFORM

Data-at-Rest encryption and security

A NEW, DATA-CENTRIC ARCHITECTURE IS NEEDED

As EHRs evolve to meet today's clinical and patient needs – accessing large data sets to provide ever-expanding functionality – the underlying infrastructure also needs to grow faster, more agile, and more focused on data sharing to ensure data assets are available to apps and analytics. With Pure Data-Centric Architecture, organizations can build an all-flash clinical data hub that extends beyond the EHR to deliver workflow support, images, decision support for evidence-based care, analytics, and population health apps that advance patient care. On the patient side, that same EHR platform can drive access to care, patient engagement, and overall patient experience. Meet the demands of providers and patients alike by upgrading your underlying infrastructure and enabling a high-performance, high-availability clinical data hub – while preparing your organization for the demands of tomorrow.

“It’s definitely to our advantage to be able to converge workloads on a single array. It’s much more cost effective and considerably easier to manage – just one large pool of storage that operates as a centralized data hub.”

AUDREY PARKS

CIO, SALINAS VALLEY MEMORIAL HEALTHCARE SYSTEM

BUILD FOR THE CLINICAL DESKTOP OF TOMORROW

Tomorrow’s healthcare organizations will leverage agile technology to build private clouds and a clinical data hub to bring a secure, high-performance clinical desktop to providers. This dynamic, data-centric desktop will provide a consumer-grade experience while offering streamlined access to a platform that features:

- EHR and other clinical apps and tools
- Workflows for clinical data collection and collaboration
- Analytics and insights for decision support at the point of care
- A clinical data hub available to the EHR, as well as advanced analytics and AI
- Security, compliance, resiliency, and mobility built into the environment
- Lower cost and flexibility for future change

PUTTING THE VISION FOR A DATA-CENTRIC EHR INTO PRACTICE

In building the clinical desktop of tomorrow, your storage infrastructure should be powerful, reliable, and, above all, simple. With Pure Data-Centric Architecture for your EHR, every aspect of the healthcare storage experience is radically simplified – while you meet your business and IT objectives. Pure’s high-performance, always-on solutions free IT teams to focus on the EHR enhancements and new apps that will drive new ways of delivering care.

EFFORTLESS

Pure Storage solutions are always-on, always fast, and always secure. They’re self-managing, plug-n-play simple, and cloud-connected, providing the agility of AI-driven management, predictive analytics, and unrivaled support and protection.

EFFICIENT

Pure’s software-defined storage is always efficient, saving you up to 10x on space and up to 10x on power while consolidating all your tiers and workloads. Rich data services are fully automatable and extensible for self-service consumption.

EVERGREEN™

Pure solutions get better with age. Buy once, and your SaaS-like subscription to array software and hardware innovation delivers next-gen storage breakthroughs – like the 100% NVMe//X – without disruption, downtime, or risky data migrations.



VISIT [PURESTORAGE.COM](https://www.purestorage.com) TO LEARN MORE

© 2018 Pure Storage, Inc. All rights reserved. Pure Storage, Evergreen, and the P logo are trademarks or registered trademarks of Pure Storage, Inc. All other names may be trademarks of their respective owners. ps_ds2p_why-pure-for-ehr_02