



# Migrate your Epic environment to Linux with Dell Technologies, Intel® and Red Hat®

**Maximize performance and lower TCO of your Epic environment by migrating from AIX to Linux with industry-leading architecture solutions**

## WHY THE TIME IS RIGHT FOR MIGRATION FROM AIX TO LINUX

With the rapid acceleration in data-driven, personalized care, EHR systems have evolved from mere patient data repositories to interconnected networks of critical patient information, analytics capabilities, and clinical workflows and processes.

Healthcare organizations recognize the need to modernize their EHR environment in support of this growing ecosystem. In fact, the majority of customers with Epic, the leading provider of EHR software, have migrated from proprietary and expensive AIX servers to Linux since Epic approved the use of Linux in 2012. With AIX support resources diminishing, benefits of this migration go beyond vendor choice and cost efficiencies. Migration to the more ubiquitous choice—Linux—results in simplified IT infrastructures, improved workload flexibility, and greater availability of IT support resources.

Now that Epic has adopted the InterSystems IRIS® platform, incentives are available to encourage a timely migration from Caché® to IRIS – making the return on investment more substantial than ever before.

With Red Hat® Enterprise Linux® running on Dell Technologies infrastructure solutions powered by Intel®, healthcare organizations gain a best-in-breed Epic architecture for simpler management, greater cost-efficiencies, maximum performance, and scalability.



## TOP 5 BENEFITS OF DELL TECHNOLOGIES, INTEL AND RED HAT FOR EPIC

1

### LOWER

#### IMPLEMENTATION COSTS

Using a total cost of ownership (TCO) calculator, we help you identify the most cost-efficient configuration for your Epic EHR migration based upon user base, server footprint and upfront investment.

2

### OPTIMAL PERFORMANCE

Best-in-breed Dell Technologies infrastructure solutions with Intel® Xeon® processors boost performance for your Epic applications and are optimized to power your systems to work together and independently.

3

### END-TO-END DOMAIN EXPERTISE

Bringing together a network of complementary partners and applications, we offer access to a comprehensive global community of industry experts ready to assist you in design, build and implementation of your Linux environment.

4

### RESILIENCY AT SCALE

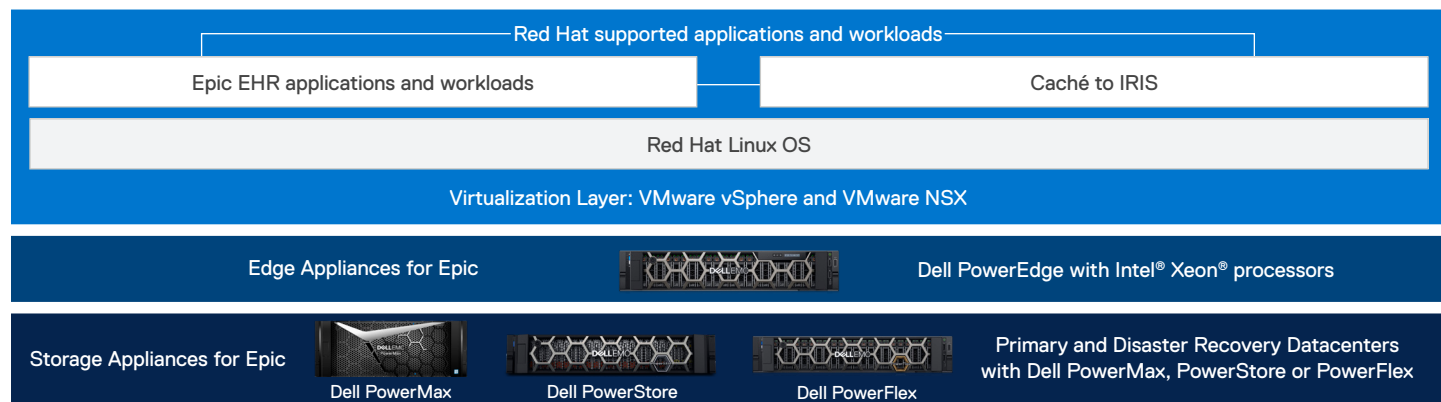
Built on next-generation technology to deliver cloud-like agility, scalability and simplified IT management with data protection built in.

5

### REDUCED DEPLOYMENT RISK

The joint partnership between Dell, Intel and Red Hat in support of Epic applications with “Certified Solutions” spans more than a decade. Our longstanding commitment to providing a validated approach, industry-leading solutions, and depth of expertise helps to reduce the risk, cost, and complexity of implementation.

## A SCALABLE, HIGHLY PERFORMANT RED HAT ENTERPRISE LINUX ARCHITECTURE FOR EPIC



### LOWER YOUR DATACENTER FOOTPRINT AND TCO WHILE INCREASING SECURITY AND CLOUD-LIKE AGILITY

The combination of Dell Technologies, Intel and Red Hat offers you a standards-based, cost-effective yet highly flexible and powerful solution for migration from AIX.

With Dell Technologies PowerEdge portfolio featuring next-generation Intel® Xeon® processors, you can address evolving compute demands with an operational database server engineered to optimize the latest technology advancements. The platform's adaptable architecture along with better performance features translates to being able to scale further with a lower datacenter footprint and lower TCO.

When it comes to safeguarding patient data, Dell Technologies is the only server vendor offering a cross portfolio solution for cryptographically verified hardware integrity,<sup>1</sup> dynamic system lockdown,<sup>2</sup> and robust firmware and boot protection. Anchored by a well-established silicon Root of Trust, we provide security that starts at design and continues through the supply chain and full lifecycle.

With more than 60 percent of Epic's customers leveraging Dell Technologies storage solutions to optimize their clinical applications,<sup>3</sup> you can have confidence in being able to manage both current data and future workloads with Dell Technologies next-gen storage and data protection solutions. In alignment with the Epic Hardware Configuration Guide, both Dell PowerStore and PowerMax for Epic span the primary data center and the disaster-recovery data center to deliver the needed high availability and reliability to keep your deployment up and running.

Be future-ready by opting to power your computing environment for modern applications using any combination of virtual machines, containers and Kubernetes with VMware vSphere running on Dell Technologies appliances. With this combination, you can bring cloud-native features such as workload isolation and dynamic network segmentation to your Linux environment.

### SIMPLIFY YOUR AIX-TO-LINUX MIGRATION WITH TRUSTED PARTNERS

Dell Technologies, Intel, and Red Hat are working together to address your biggest IT challenges. Our portfolio of solutions deliver the type of real-time performance and reliability needed for clinical workflows, along with the robust security, excellent scalability, and easy manageability needed to support IT. Together, we provide a data-centric, adaptable Linux environment that transforms and mobilizes both traditional and modern EHR workloads.

As longstanding Epic partners, we bring the experience needed to ensure a seamless migration of all your EHR applications and workloads from AIX to a robust, secure and reliable Linux environment. From there, our global account teams and an extensive network of partners provide the expertise needed to support your deployment long after migration, enabling you to meet your operational and long-term clinical and research objectives.

**TCO Calculator:** Contact your local Dell representative for a TCO comparison of your existing architecture versus a Dell Technologies, Intel, and Red Hat Enterprise Linux platform. Receive a detailed report including the TCO comparison, a risk assessment and labor cost analysis based upon your unique environment.

Learn More about our solutions for healthcare.

Contact a Dell Technologies Solutions Expert.

**DELL**Technologies

intel

 **Red Hat**

Connect  
on social



1.) Based on Dell analysis of publicly available data, October 2020. Available on PowerEdge 14G and newer, except for PowerEdge XE7100, XE7420, XE7220, C6420 and C6525. 2.) Dell Technologies is the only vendor to offer the ability to dynamically enable and disable system lockdown once your server is provisioned and in production without having to reboot. Based on Dell analysis of publicly available data, October 2020. 3.) Definitive Healthcare, November 2021 mapped to Dell's internal data.

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