

SOLUTION BRIEF:

Epic on AWS

Upgrade your security posture, provide elasticity to scale on-demand, improve disaster recovery and business continuity, and increase operational performance

The Epic on AWS opportunity

Epic Systems Corporation, a global leader in Electronic Health Record (EHR) software, is a critical application for a healthcare organization to help people get well, help people stay well, and help future generations be healthier. Epic customers are looking to lower costs, deploy Epic releases faster for end user innovation, and improve business continuity (BC) and disaster recovery (DR). This allows them to focus less on data center management and towards improving care quality and outcomes for the patients and communities they serve.

How does AWS help Epic customers?

Amazon Web Services (AWS) works closely with Epic to validate and continue to optimize Epic environments on AWS to strive for the best customer experience with unprecedented levels of scalability, reliability, and agility. Deploying on AWS means that you always have the right infrastructure at the right time, regardless of whether your network covers a city, a region, or an entire country.

Epic on AWS customers **focus less on data center management and more towards improving care quality and outcomes** for the patients and communities they serve.

Benefits of Epic on AWS



Reduce your total cost of ownership

Using AWS, customers can reduce their operating costs by auto-scaling infrastructure resources based upon demand rather than designing and running for peak demand at all times. This removes the guesswork and costs of resulting over- or under-provisioning infrastructure. Pilot-light DR infrastructure can reduce DR costs by 40-50% compared to on-demand. Customers can easily right-size computation power and storage to meet fluctuations in demand and benefit from consumption model pricing.



Improve performance and uptime

Leveraging the elasticity of AWS accommodates changing user demands with little to no downtime without the lock-in of traditional on-premises infrastructure. Customer can reduce unplanned downtime caused by human error using automation and orchestration to manage workloads. Upgrades can be simplified and easily tested with temporary instances.

Deploy Epic releases faster for end user innovation

Epic quarterly releases can be deployed faster, and infrastructure can be easily right sized for yearly growth. Traditional IT tasks can be automated by 50% to free up resources to focus on differentiating activities.



Modular & Hybrid Designs

AWS allows customers to adopt a modular and hybrid design approach to Epic without disrupting existing investments. AWS can be used for any combination of production, DR, and Dev/Test/Training environments.



With **over 100 HIPAA-eligible services, and HITRUST certification**, AWS customers are able to confidently operate in the cloud.



“ The cloud environment now has become more conducive to our regulatory and compliance requirements... Choosing AWS enabled us to work alongside highly skilled individuals to rapidly move our migration forward.

[Read the case study](#)

Geoff Brown
*Vice President and Chief Information Officer
Piedmont Healthcare*



Work with an AWS Partner

Find an AWS partner with demonstrated success in helping healthcare organizations through the [AWS Partner Network](#) or in [AWS Marketplace](#).



Get Started Today

AWS is the trusted technology infrastructure partner to the global healthcare industry. We offer industry-leading technology and deep domain expertise, provide complete healthcare specific solutions, and give access to a vast network of partners. Our secure and compliant solutions provide security, enabling the highly regulated healthcare industry to unlock the potential of healthcare data, improve clinical and operational efficiency, and enable close digital relationships with patients and consumers.

[For more information, reach out to aws-epic-team@amazon.com](mailto:aws-epic-team@amazon.com)