



NHS guide to Electronic Patient Record (EPR) systems on AWS Cloud

An introduction for National Health Service (NHS) Trusts preparing, migrating and implementing EPR's within the AWS Cloud



AWS in Healthcare

AWS' healthcare mission is to enable access and delivery of person-centred care in order to improve outcomes and lower costs by accelerating the digitisation and utilisation of healthcare data. Our aim is to help the NHS and its partners develop cloud strategies to achieve more with less, modernise technology and digitally transform back office and clinical services.

How AWS supports the delivery of EPRs throughout NHS trusts and Integrated Care Systems

Technology is at the heart of the [NHS Long Term Plan](#) and supported by the [What Good Looks Like \(WGLL\)](#) framework, which describes key priorities for using digital technology to transform the way in which the NHS looks after citizens.

Many NHS Trusts still rely on paper-based EPRs and have multiple EPRs within single organisations that makes information sharing difficult. In response, the Department of Health and Social Care & NHS England issued a mandate for NHS Trusts to digitise EPR systems within Trusts and across Integrated Care Systems to simplify information for healthcare professionals and improve patient experience and outcomes.

AWS provides the foundational cloud technology to drive security, compliance, agility, and innovation within EPR solutions – allowing the entire healthcare industry to worry less about the undifferentiated value of commodity IT, and focus more what matter most, the patients.



Experienced in multiple cloud-based EPR solutions

AWS has experience with various types of EPR migrations. We can help you regardless of your chosen EPR system and specialise in helping organisations rationalise, optimise and converge multiple EPR systems across your estate.

Epic

"By undertaking the process of migrating more than 300 applications to AWS, we are providing a personalised, connected care experience for our patients, as well as a data-driven, modern clinical environment."

- CDO & CIO, Tufts Medicine

Dedalus

"There are a wealth of benefits that come from moving applications to the cloud. We are seeing reduced costs, better security and reliability, as well as greater flexibility, performance, scalability and availability. The migration has been collaborative across the NHS Trust partnering with Dedalus [on AWS], with minimal disruption."

- CIO, Yorkshire & Humber (NHS)

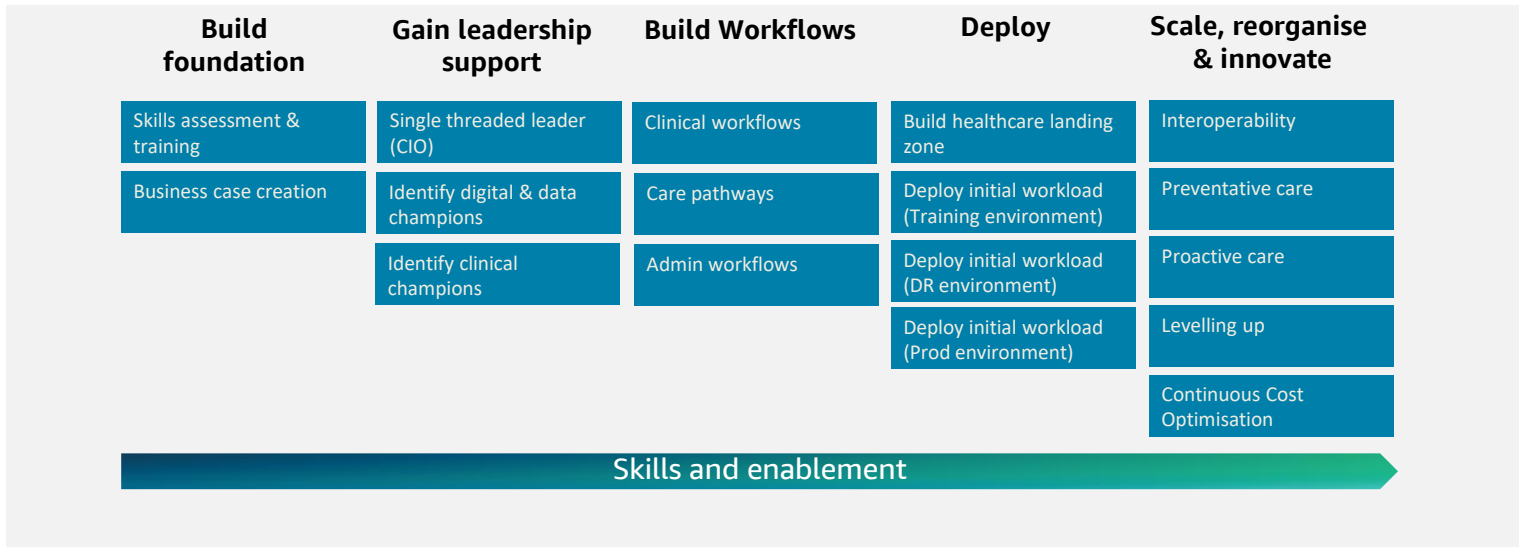
MEDITECH

EPR on AWS migration and configuration changes reduced CalvertHealth's RTO from 72 hours to under 2 hours, a 97 percent improvement. "...it lets us focus on more important things."

- CIO, CalvertHealth

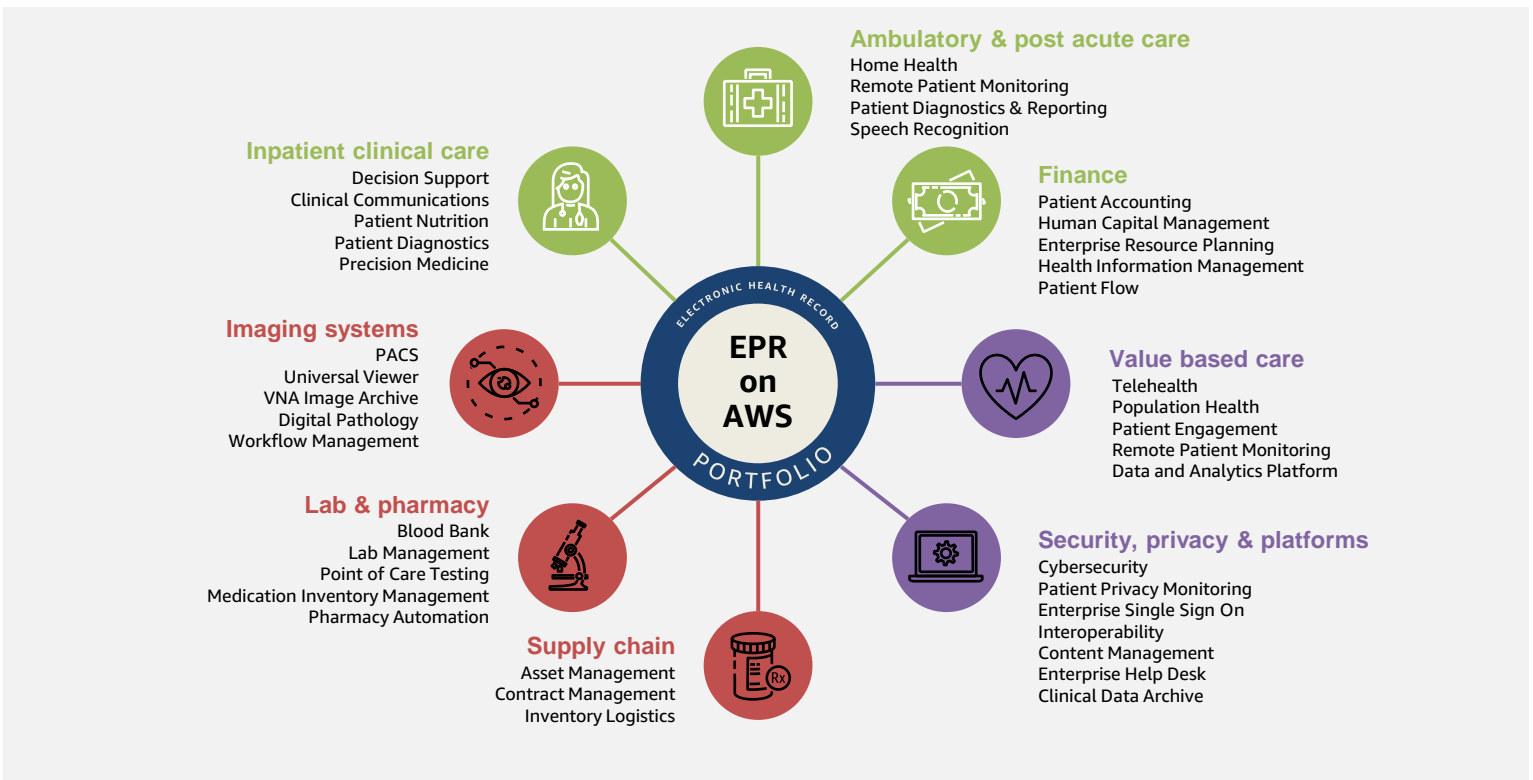
Your EPR cloud journey

We understand that EPRs play a vital role to the effective running of your hospital and directly impact the way in which care is delivered to patients. EPRs hosted within the AWS cloud help customers streamline IT operation, reduce infrastructure running costs, improve system availability and resilience, improve their security posture, enhance performance, and drive digital transformation. AWS's EPR migration methodology is outcome-based and allows Trusts to set the pace of migration and minimise risk.



Convergence of your EPRs

Often, the most difficult challenge our customers face when considering an EPR migration is knowing where to start. For this reason, we start with a review of EPR workloads, working directly with clinical and technical teams to map interconnected/interdependent systems and prioritise migration efforts.



Get started

To get started contact your AWS account team to learn more on how we can:

- support you on your EPR cloud journey
- understand your technical EPR landscape
- build your EPR Business Case
- identify the best procurement route for your Trust

AWS resources

- [Guidance for NHS Trusts Adopting AWS Cloud Services](#)
- [AWS for Health](#)
- [Epic on AWS](#)
- [Healthcare Solutions](#)
- [Migration Acceleration Program \(MAP\)](#)
- [Landing Zone Accelerator for Healthcare](#)

Get in touch

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