



Business scenario

Delivering clinical excellence through cloud services

Cloud desk at scale

Cloud services deliver efficiencies to allow more technical support for clinical service

Within NHS Integrated Care Boards (ICB), each individual Trust typically has its own dedicated Digital, Data and Technology (DDaT) services.

DDaT services can often be seen as a blocker by Healthcare professionals, as they find themselves unable to gain easy access to the systems and data that they need, especially those that are shared across NHS Trusts.

The Cloud enables the Trust to deliver DDaT capabilities quicker and more efficiently. This enables access to a range of common and centralised healthcare technical solutions, allowing DDaT to be viewed as an enabler for patient care, rather than a blocker.

Challenges

Out-of-date technology can pose a significant risk to organisations, leading to **loss of service and security vulnerabilities**.

High costs typically associated with traditional on-premises IT can **take vital cash away** from critical clinical systems developments.

Traditional IT is often **unable to support the rapid prototyping** and release of new applications and **inclusion of shared data**, new features and services across Trusts into existing applications.

Expanding traditional IT capacity to cater for additional demand is time consuming and can incur **significant expense** for organisations.

Solution approach

Introduction of cloud services, removing the need to support, maintain, and periodically replace on premises IT hardware.

Transition from a CapEx to OpEx cost model, creates transparency in, and accountability for, IT spend against key clinical services.

Improves data sharing capabilities, allowing clinical resources to have access to key data available across the NHS at pace.

Move to an environment where **robust security** is available by default from physical facilities to networks, infrastructure, and applications.

Benefits

Clinical excellence can be enhanced by freeing up staff to focus on value-delivering activities, and shared data access, rather than IT related activities:

- **Highly secure and scalable IT environments** allowing for the rapid development and release of new services and features
- **Simplified knowledge and information sharing** securely across different teams and organisations
- **Cost-effective and resilient delivery** of services to end-users at scale.