



# Leveraging Intelligent Automation Solutions to Support Seamless EPR Rollouts

As NHS Trusts continue their digital transformation journeys, the implementation of Electronic Patient Records (EPRs) stands out as a critical milestone. However, the transition to EPR can present challenges in terms of data migration, integration, and workforce readiness. Intelligent Automation is playing a pivotal role in facilitating smooth EPR rollouts within a number of NHS Trusts.

Enhanced **data migration**

Improved **data verification** and **error correction**

Seamless system **integration**

Augmented capacity for **repetitive system testing**

EPR implementations are no small task, and they come with a host of challenges that need to be addressed. Two key aspects that need to be tackled are data migration and system integration.

Converting vast amounts of patient data from legacy systems to EPR platforms can be slow and error-prone, whilst ensuring integration between the new EPR and existing workflows is key to maintaining operational

**System Priorities**

- 95% of Trusts to have an EPR in place by March 2025
- All hospitals to have a live EPR in 2026
- Implementing interoperable EPR systems that allow seamless sharing of patient data
- Establishing common standards for data exchange and storage

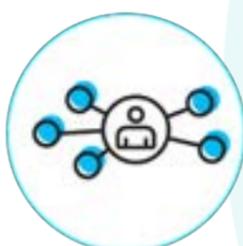
## Key Benefits of Intelligent Automation:



Streamlines EPR Implementation



Enhanced System Performance



Better Interoperability



Improved Data Integrity and Security



Increased Efficiency in Healthcare Delivery



*"After witnessing the effectiveness of Intelligent Automation in action within other NHS organisations, it became evident that leveraging this digital technology would be instrumental in supporting our Electronic Patient Record (EPR) implementation. Establishing a baseline configuration for the EPR is an intensive and time consuming task. RPA is proving to be a valuable asset to the team uploading baseline data into critical system dictionaries that would otherwise have to be done by admin staff. In < 6 months we have saved over 2 years of admin effort, improved the timely delivery of configuration tasks and are now looking ahead to automations that will benefit the Trust post cutover."*

**Robert Dodd, DCS Programme Manager Mid Cheshire NHS D Foundation Trust and East Cheshire NHS Trust**

## Revolutionising Healthcare: The Role of Intelligent Automation in EPR Implementations

For NHS organisations, EPR implementation and integration presents a myriad of difficulties, including data migration and interoperability challenges. Without rigorous planning and oversight, EPR implementations can create administrative disorder and lead to disruptions in patient care. Intelligent Automation can play a pivotal role in addressing these challenges before, during, and after EPR implementation.

### Pre-Implementation

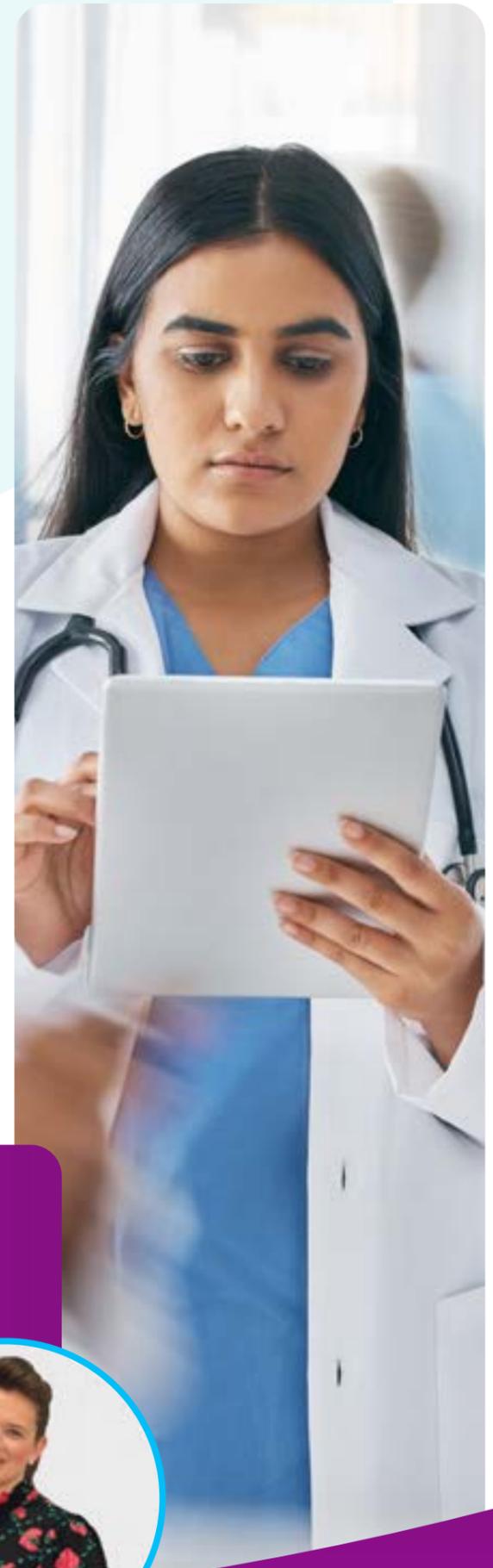
Prior to rolling out an EPR system, Intelligent Automation tools can help organisations prepare for data migration by cleansing and standardising data in legacy systems.

### During Implementation

Intelligent Automation ensures the accurate and timely extraction, transformation, and uploading of patient related data from legacy systems into the new EPR. By complementing conventional data migration techniques, it expands the breadth of data migration while concurrently alleviating the burden on staff to manually input data. The automation of these migration tasks not only streamlines the process but also significantly mitigates the potential risks associated with human error, ensuring the integrity and accuracy of the transferred data.

### Post Implementation

Intelligent Automation can bridge the gap between the new EPR and other disparate systems by automating synchronisation, reconciliation, and verification processes. This enables seamless interoperability, streamlined workflows, and enhanced data accuracy. Furthermore, automation can be used to generate reports and conduct audits to ensure regulatory compliance.



*"We have first-hand experience of the pivotal role Intelligent Automation can play in supporting Trusts that are either going through an EPR implementation, or have already integrated an EPR into BAU. e18 offers robust automation solutions that support NHS organisations through each stage of their EPR journey."*

**Kerry Morgan, Client Success Director, e18 Innovation**



**E18 Innovation**

**Automate. Innovate. Elevate.**

Leveraging Intelligent Automation to transform patient care and deliver a better staff experience in the NHS.

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