



EGRESS
G R O U P
Trusted Data Partner

CASE STUDY

Manchester University NHS Foundation Trust

Moving to A Single EPR Solution –
The Largest UK Implementation To Date

Introduction

Migrating data from a multitude of EPR/PAS and clinical systems across Manchester University NHS Foundation Trust (MFT) formed the basis of one of the most ambitious Electronic Patient Record system implementations the NHS has seen to date.

Egress Group's healthcare division was involved early on assessing readiness for this complex programme and ultimately ensuring 4m records were successfully migrated to the Trust's new EPR solution.

THE PATH TO DATA CONFIDENCE



The Project



The goal of MFT's Hive programme was to establish a unified electronic patient record for the entire population of Greater Manchester by replacing various legacy hospital / departmental / specialist systems with a single patient solution.

MFT was formed from the merger of two Trusts in 2017, creating one of the largest acute trusts in the UK, including 10 hospitals serving a population of 750,000. The new Trust was using three long-established EPR/PAS systems and numerous clinical systems, so a decision was made to move to a single solution from Epic.

The Trust understood their ambitions would include a hugely complex data migration challenge. Egress was chosen because of their extensive experience successfully working on large-scale, multi-system migrations of a similar scale and scope.

Egress' involvement included end-to-end management of the data migration aspects of the programme, from strategic reviews and readiness assessments across the entire IT estate, through to successful load of all the data included within 4m patient records.



The Challenges

Once the Trust selected Epic as their EPR provider, Egress was contracted to deliver the data migration workstream, bringing together data initially from 9 hospital sites across Manchester comprising; of three EPR/PAS solutions and circa 60 clinical specialty applications.

Given the complex and disparate nature of the systems and organisations within the programme, the Trust had reservations about the possibility of creating a single patient record without any duplication or loss of data. The scale of MFT's ambition did present many complex challenges on a scale not tackled previously, for example, around the merging of data sets as well as issues with source data quality owing to the age of some of the source applications.

The addition of a previously out-of-scope hospital midway through the programme led to further complications and required the data migration workstream to be revised to incorporate additional source systems.

The challenges were overcome using the Egress Advance data migration toolkit and our accompanying proven methodology.

Our Solution

The first stage of work included a thorough review of the entire legacy system landscape across all the participating organisations, including current data quality. From this in-depth assessment and audit a clear data migration strategy and set of recommendations was produced. This detailed understanding and clear set of achievable goals and outcomes helps pave the way to success as the programme progresses.

Egress teams subsequently successfully managed the end-to-end data migration work. Not only extracting and transforming data ready for loading into the target Epic solution, but also tackling the additional complexity of merging various data sets from the different systems in use across the 10 hospitals.

Egress' data migration toolkit, Advance, was deployed, providing automated extraction routines, a proven transformation engine, data quality reports and reconciliation, as well as in-built monitoring and audit controls for assurance and traceability. The solution removes chance, inconsistencies, and human error from this complex process.



The Outcome

The programme went live on schedule, even with significant scope changes which involved the addition of an extra hospital site midway through the programme.

The load quality exceeded expectations and there were no post cut over issues.

Our collaborative approach ensured delivery of a transparent and business led service which helped de-risk this critical workstream.

EGRESS MIGRATED OVER 4M RECORDS FROM 60+ SYSTEMS, INCLUDING:

559,182
pathways

1,072,781
outpatient waiting
list entries

1,032,882
referrals

559,179
inpatient waiting
list entries

137,880
future
appointments

"It is never too early to start your data migration work as it is always on the critical path of any EPR programme.

Egress dovetailed with the Trust and Epic teams to ensure the programme went live successfully."

Dan Prescott, Interim Group CIO
Manchester University NHS Foundation Trust





Experts in end-to-end data management:

**Strategic reviews & readiness assessments,
data migration, integration, quality & archiving.**

Trusted data partners for healthcare providers, the public & private sectors.

Egress Group is a long-standing data migration and integration specialist, established in 2006, with an unrivalled reputation proven in 600+ complex technology and system change programmes.

We have the tools, experience, track record, people, and passion to ensure your data is robust and ready to achieve your organisation's digital data aspirations.

**More than 600 complex projects successfully delivered,
involving multiple EPR / PAS & clinical systems, including:**

The UK's largest EPR implementation at the time in Manchester, successfully migrating 4 million patient records from 10 hospitals.

More than 50 interfaces for 15 critical systems delivered as part of the "largest & most important digital transformation in The Royal Marsden's history.

Complex integrations for East Lancashire Hospitals, migrating from Clinicom to Oracle Health's EPR, & moving the Trust's Integration Engine from Rhapsody to InterSystems.

Data Confidence

Driving Digital Transformation

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