



**CASE STUDY: NUFFIELD HEALTH: EMPI - ENTERPRISE MASTER PERSON INDEX**

**INTRODUCTION**

Nuffield Hospitals performed 325,000 radiological examinations per year and planned to double this volume. Their planned facility to provide mobile examinations across 40 sites created a requirement for their Radiology Information Systems to connect to the National Picture Archiving and Communication System.

**THE BUSINESS PROBLEM**

Nuffield wanted the 40 hospitals within its group to connect to the NHS National PACS (Picture Archiving and Communication System) Network. This requirement necessitated a de-duplicated view of patient records.

**ENTITY SOLUTION**

Entity Group were invited by Initiate Systems (now an IBM Company) to help provide a solution that integrated the central patient view with the radiology information view, so that all information could be added to a golden view of patients.

**IBM COMPONENTS**

IBM Initiate Master Data Engine 8.0, IBM Initiate Identity Hub™ software, IBM Initiate™ Auditor, IBM Initiate™ Enterprise Viewer, IBM Initiate™ SDK – Web Services, IBM Initiate Inspector.

**ENTITY'S ROLE**

Entity took responsibility to implement the MDM technology and to integrate it with 40 source sites, as well as conducting synchronisation with Radiology Information Systems.

Entity led the recruitment of a dedicated data quality team, as well as designing and implementing processes to manage the de-duplication of Master Paper Patient records.

**BENEFITS**

Nuffield Health now has a single, central, view of all of its patients on a national basis. This significantly reduces data quality issues, enhances patient safety and results in an enhanced customer experience for the patient when booking and managing their relationship with the Nuffield hospitals and the radiology business.