



NHS London Procurement  
Partnership  
CLINICAL AND DIGITAL INFORMATION  
SYSTEMS

# IMMJ Systems and MediViewer™ Overview



# MediViewer™

**MediViewer™ contains all the features you would expect of an electronic document management solution for healthcare, plus functionality that makes information retrieval much simpler for the healthcare professional.**



## Benefits:

- **Reduced implementation risks** – our unique architecture and implementation approach enables rapid deployment.
- **High rates of user adoption** – the simple interface has been designed in conjunction with healthcare professionals.
- **Low total cost of ownership** – no additional third party software licenses required.
- **A superior patient experience** – by providing the healthcare professional with simple, fast access to all archived medical records.
- **Support for efficient and effective integrated care** – patient information can be shared appropriately across multiple care providers.
- **Rapid ROI** - healthcare organisations can realise tangible cash releasing benefits via the eradication of physical record overheads.
- **Helps enforce a more disciplined approach** to the recording, capture and storage of critical patient information.

## Features:

- » A simple yet elegant interface that is fully mobile, touchscreen enabled and ready to use on any device.
- » Allows for the creation of user configurable rules to recognise un-barcoded documents utilising OCR. Barcode recognition is also fully supported.
- » Documentation within an episodic context, featuring complete attendance history and links to documents associated with specific encounters.
- » Representation of document taxonomies to enable intelligent selection whilst retaining granularity where required.
- » A simplified scanning and intelligent metadata indexing process (archive and day forward). Intelligent metadata tagging provides a cost-efficient alternative to manual identification.
- » A browser-based interface making it accessible from anywhere at anytime, subject to necessary role-base permissions.

## Technology:

- ✓ Supports multiple file types including text, audio, video and image.
- ✓ Uses smart indexing to ensure that finding information is quick and easy for users of all technical abilities.
- ✓ Is BS10008 compliant and ensures the patient record cannot be deleted or altered in any way, as well as providing a full audit trail.
- ✓ Includes role-based access control and supports content lifecycle management.
- ✓ Comes without the need for third party software, therefore reducing overall costs and maintenance headaches.
- ✓ Compliments existing electronic patient record and infrastructure approaches and can take data from multiple sources.
- ✓ Comes with responsive and flexible support and training throughout implementation and beyond.
- ✓ Communicates via REST API authentication by means of RFC7519 compliant security tokens ('JWT's'), which facilitates integration with a client's third party and in-house applications.
- ✓ Is easy to use and supports the move from paper-based healthcare to paper-lite and paperless environments.

# IMMJ Systems

## Who are IMMJ Systems?

IMMJ Systems enables the rapid digitisation of clinical content for use at the point of care. It does this through its MediViewer™ electronic document management solution built specifically for healthcare providers and designed around the needs of healthcare professionals. IMMJ Systems provides an end-to-end solution that optimises every aspect of the digitisation of clinical content at a fraction of the cost of its competitors. By providing intuitive, simple, secure access to patient paper records through digitising this process, IMMJ Systems and MediViewer™ can deliver significant improvements in patient care quality alongside operational and cost-efficiency benefits.

IMMJ Systems is built on the collective experience of the management team who have worked for many years in healthcare, technology and business. Having been involved at the 'sharp end' of delivering healthcare solutions involving the digitising of patient records, we have acquired extensive knowledge and understanding of the operational challenges facing NHS organisations who are beginning their paperless journey. We have combined our experience and lessons learned to develop an innovative new product that allows clinicians to mine information easily, quickly and is very cost effective.

IMMJ Systems has high standards and a clear vision for the future, it has a strong tradition of customer-focused R&D which yields products which are about meeting the demands currently facing healthcare service delivery.

## Our approach to business transformation

We understand that the shift from paper to electronic records is a huge business change initiative. We appreciate the intricacies of each speciality and how they interact with the notes given the patient flows around the hospital. We operate as a nimble business and have the ability to adapt precisely to customer needs, allocating the resources each project requires. We develop close working relationships with our customers, unlike larger suppliers who have corporate rather than effective team relationships.

IMMJ Systems appreciate that organisations have their own resources in place that have a comprehensive understanding of current clinical processes and we look to work in partnership to provide skills transfer and ensure a 'light touch' approach to consultancy services. Our methodology has been rigorously documented so that it can be communicated clearly to the internal project team for a seamless handover for the remainder of the roll-out.

## How does MediViewer™ help achieve BS10008 compliance?

MediViewer™ ensures the scanned documents cannot be deleted or altered in any way, as well as providing a full audit trail. Its version control technology enables a healthcare professional to view documents in context within a patient medical record, reflecting how they were at any previous point in time since scanning and archiving.



**Fast, smart and intuitive electronic document management solutions for healthcare**

## Why is SmartIndex™ technology so important?

One of the factors that differentiates the implementation of MediViewer™ from other similar projects across the NHS is that we provide in context structure to the patients' case notes, for ease of navigation.

It is not always possible or practical for the organisation to enforce a disciplined approach to bar coding patient documentation. We provide an automated method of recognising clinically significant documents that have not been bar coded. We also allow the creation of user configurable rules to recognise un-barcoded documents based on OCR. We call this process SmartIndex™ which significantly improves the clinicians' experience by making critical documents easier to locate.

SmartIndex™ allows us to run an automated recognition process over large documents such as historic patient case notes or day forward patient documentation to identify any key documents within it.

## Clinical acceptance

One of the main reasons that some EDM solutions have been rejected by the clinical community is the difficulties they face in navigating through complex patient notes to find important documentation quickly. Organisations have found that manually indexing historic patient documentation is hugely inefficient, costly and error prone. Our approach allows organisations to consult with the clinical community to understand which documents are critical and define recognition rules that will allow MediViewer™ to identify key documents – in real time. The recognition rules are completely user configurable which means that they can be finessed and enhanced over time without the need for development expertise. Of equal importance is the fact that, once located, recognised documents are displayed in their original context i.e. as they were filed in the original case note. For example, if the MediViewer™ user has found correspondence referring to an attachment, such as pathology results, the supplementary information can easily be found - just a single click away.



## Contact IMMJ Systems

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