

Medstor IMS

Inventory Management Solutions

MedStor[®]
The heart of your storage solutions



SHOW EDITION
HALL 13 STAND A30





INVENTORY MANAGEMENT SOLUTIONS

Designed for your working environment

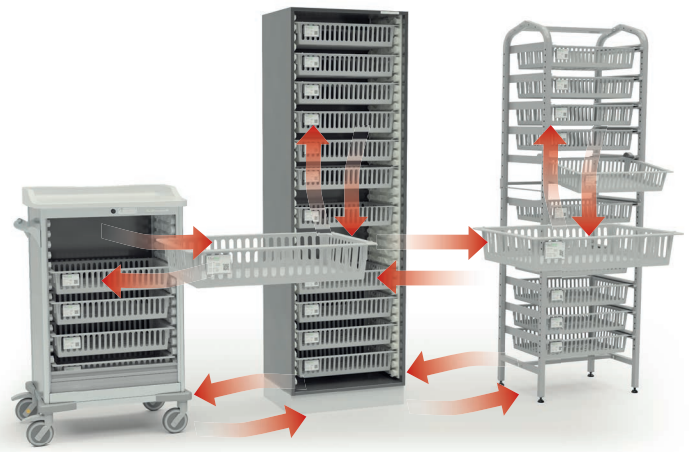
Working with The Department of Health for England Medstor personnel were involved in the formation of the relevant **HTM Health Technical Memorandum (HTM71)** which worked to set out the equipment needed to form the foundation for the implementation of **Materials Management**.

INTELLIGENT LOGISTICS

As **healthcare storage experts** Medstor, became involved with **IMS** Inventory Management Solutions & **EMM** Electronic Materials Management over **thirty years** ago and has been instrumental in the system's evolution, success and ultimately enhancing patient care around the world.



Medstor has a reputation built on years of continuous supply of one of the world's leading modular storage systems.



- HTM 71 cabinets for maximum storage capacity - featuring Medstor's unique tray and liner system, designed to accommodate a wide range of medical and surgical products, all simple to see and access for better stock rotation and control
- Shelving - quick to assemble, adjust and clean for the safe storage of items, within the sterile processing environments
- Multiple mobile carts, configurable to work in any healthcare discipline
- The integration of Medstor IMS giving you control of your supply chain
- The foundations of efficient, effective materials management



A STABLE SUPPLY CHAIN IMPACTS HEALTHCARE

Improves efficiency

Saves time

Releases staff to focus on patient care

SUPPLY CHAIN TECHNOLOGY IS REVOLUTIONISING INDUSTRY

The proper management of supplies is vital to the smooth running of a Hospital. High quality and assured availability of equipment and materials are prerequisites to effective patient care. Moreover, substantial amounts of money are involved: A typical hospital spends between one-fifth and one-quarter of its annual revenue expenditure on supplies.

All Hospitals face the difficult task of achieving a balance between choice and quality of supplies on one hand, and the cost of procuring them on the other.

Many hospitals require a fundamental organisation - wide redesign of systems and processes to reap the benefits available of fully functioning, efficient and effective materials management.



In an acute hospital, almost one-third of supplies expenditure is on equipment which is mainly used in wards, theatres, radiology departments, laboratories and offices.

The remaining two-thirds is spent on consumables; goods that need replacing immediately or after a short period of use.

FLEXIBLE APPROACH TO MATERIALS MANAGEMENT



IMS PRACTICES

ASSESSMENT

- Annual usage
- Data driven
- Consumption
- Replenishment cycles
- Par levels
- Workflow patterns

SCOPE

- Site surveys
- Space planning
- Activity data base
- Workflows
- Product consolidation
- AutoCad drawings & specifications

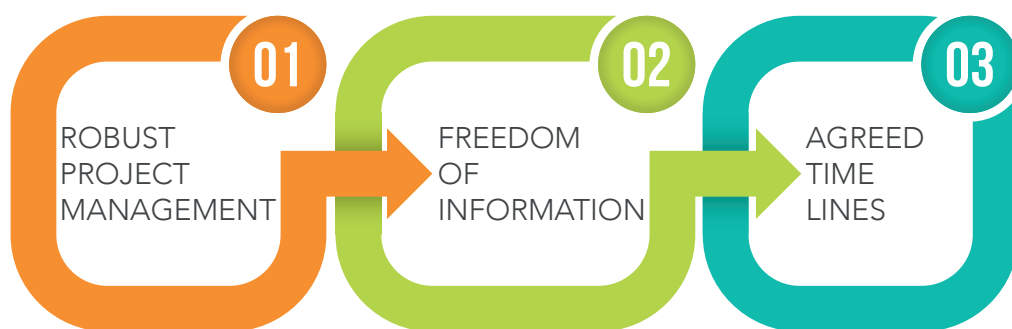
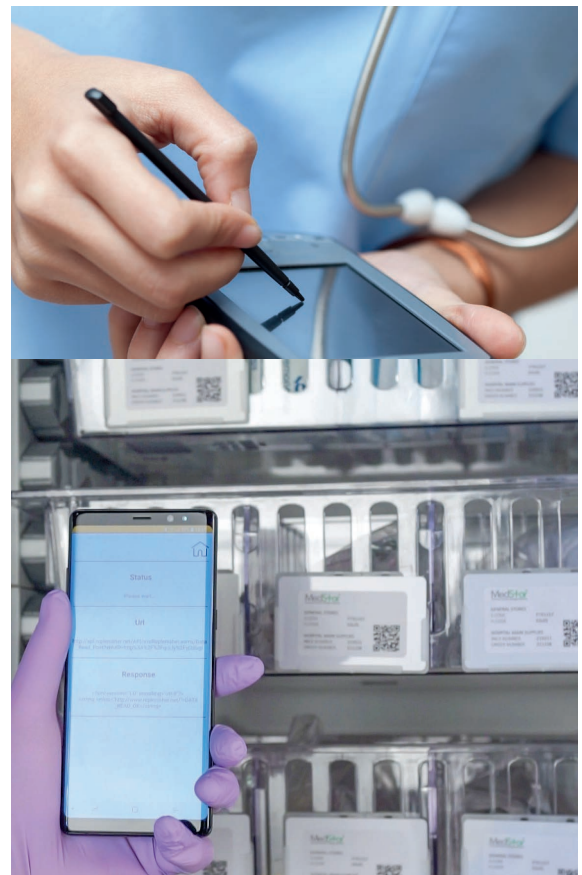
ADVANCED IMS PRACTICES

ANALYSIS

- Data assessment
- Workflow studies
- Logistic process analysis
- Stakeholder collaboration
- Reports for implementation

IMPLEMENTATION

- Project management
- IT management
- Installation
- Staff education
- Review



PROJECT CRITICAL
DEFINITION OF RESPONSIBILITIES



ANDROID APPLICATION

A single person can take responsibility for maintaining levels at all locations, receiving real time updates to their mobile phone. Taking control of your supply chain.



SUPPLY CHAIN APPROVED A NEW WAY TO CHECK, ORDER AND MAINTAIN LEVELS OF STOCK

Until now, keeping track of a huge range of stock has been a repetitive chore, **taking up valuable time** as countless trays are checked, whether they need replenishing or not.



Using barcode technology this easy to use Android app puts control exactly where it's needed. Reporting directly to the Core management system.





TAKE CONTROL RFID SMART CABINET

- Read hundreds of items in seconds
- Implant tracking solution
- Uniquely identify each item as it's shipped or received



A solution that gives you instant,
precise inventory information
that saves both time and money.



MEDSTOR TRAY AND LINER SYSTEM

Fitted with a choice of Clear polycarbonate, Anti-static and ABS trays.



ISO INTERIOR

Use existing baskets and shelves.



REAL-TIME INVENTORY

Complete Inventory Count in 10 Seconds.



PROCESSING

On-board system mandates First In First Out operation.



IOT READY

Operates stand-alone, but can be connected via LAN or WLAN for remote inventory management.



AUTO-LOCK

Electronic lock prevents user error and increases security.



REMOTE MANAGEMENT

Android application enables field workers to remote into the cabinet.



ACCOUNTABILITY

RFID access control tells you who did what to your inventory.

Allows pre-authorised access for product retrieval when needed. Stock usage and replacements are recorded in real time, including expiry management and advanced shipping notice.





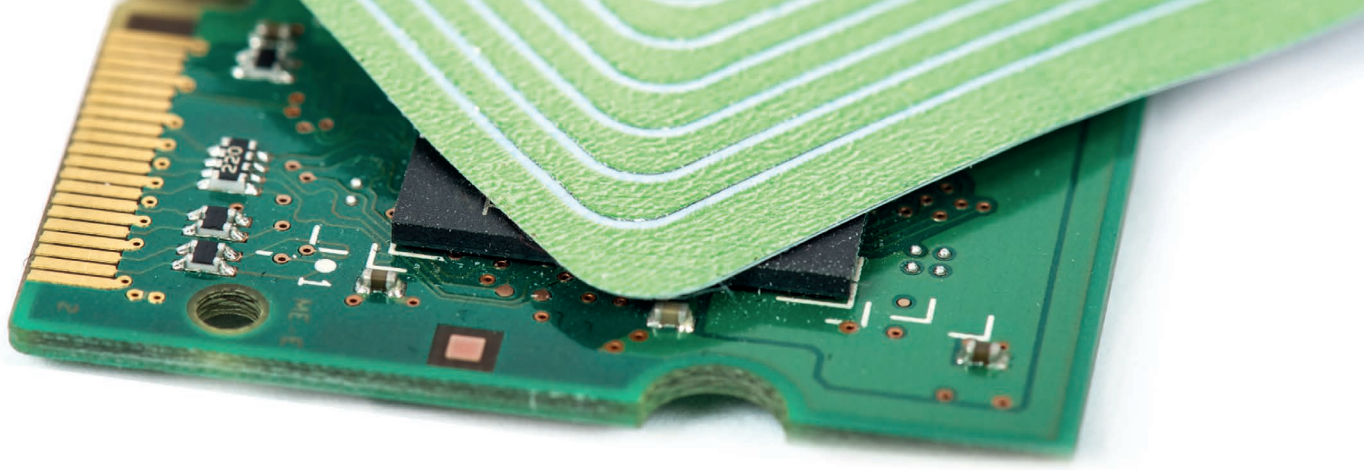
WEBSITE BASED BACK OFFICE

Reduces processing cost
Improves lead times
Greater management control
Flexibility of operation
Better purchasing arrangements
Better management information
Improved use of staff resources



CORE SYSTEM DASHBOARD

Web-based system uses stock replenishment software to identify where product is running low. Staff can then order supplies quickly and easily by simply scanning the corresponding barcode or RFID tag.



RFID TAG & DROP

Removes the guess work out of Medical supply levels, dramatically reducing time spent auditing storage areas and replacing stock.





Tag & drop system gives you a fixed point terminal located closely to your medical supplies.

Data capture giving real time inventory notification to the Core system.





CASE STUDY ULSTER HOSPITAL

Healthcare storage expert Medstor first became involved with Northern Ireland's Electronic Materials Management (EMM) over thirty years ago and has been instrumental in the system's evolution and success. A systematic and disciplined framework for achieving and maintaining an optimum level of stockholding streamlines procedures and helps hospitals to run more efficiently, ultimately enhancing patient care. EMM has achieved just this, transforming the way hospitals in the region order and store goods and delivering a truly modern solution to the issue of ensuring essential products are easily accessible, in stock and in date. First installed at the Royal Belfast Hospital for Sick Children, the system has been rolled out across all Northern Ireland's healthcare trusts and Medstor products remain a key factor in its success.

The EMM programme was developed to make the best use of space in hospital wards and departments to simplify and automate the re-ordering of goods by the scanning of product barcodes. Operated by Northern Ireland's Health and Social Care (HSC) service, it uses new technology to establish and maintain full control over and access to materials used in patient care, minimising storage requirements, avoiding potential problems due to human error and releasing nursing staff time. It is operated in conjunction with the Procurement and Logistics Service (PALS), which benefits from smoother product demand patterns, fewer missing products or returns to store for product incorrectly ordered and no longer having to spend time checking requisitions for approval and product code queries. Medstor has been part of EMM right from the start and has worked closely with the HSC to develop new storage products and adapt existing ones to ensure integration with the mechanics and expectations of EMM. This versatility and commitment to developing pragmatic and effective solutions characterises Medstor's approach to materials management - in response to changing technology and evolving client needs, the company is always looking ahead, integrating the latest advancements and expectations into product design and functionality to benefit hospitals, clinical teams and ultimately patients. Medstor currently holds the Northern Ireland contract for the Supply, Delivery and Installation of Modular Storage Systems for Materials Management including Survey and Design, a contract it has been awarded four times.

"The solution Medstor delivered has helped to hospital to streamline materials management for greater cost and time efficiency, supporting the aims of EMM".

- Bespoke HTM 71 cabinets for maximum storage capacity - featuring Medstor's unique tray and liner system, designed to accommodate a wide range of medical and surgical products, all simple to see and access for better stock rotation and control.
- Specialist lockable COSHH cabinets - designed for the control of substances hazardous to health.
- Shelving - quick to assemble, adjust and clean for the safe storage of items, with Microban anti-microbial protection for enhanced infection protection.
- HTM 71 long span shelving units - a mobile or static bulk storage system, compatible with EMM, that can be adapted for any room size or configuration and has smooth, easy to clean, surfaces.
- A selection of Medstor trolleys and accessories - fully compatible with the high density cabinets and using the same trays, dividers and labelling system, these provide a fully flexible and complete materials management system.
- A unique label holder and insert to accommodate the dual sided printed barcode labels provided by the EMM department for stock location and control.

Medstor recently completed work at Ulster Hospital, designing and delivering materials management solutions throughout the hospital's new buildings. To support the South Eastern Health and Social Care Trust in the implementation of EMM at the hospital, Medstor installed its cabinets, trolleys and long span shelving system in all areas where both stock and non-stock products were to be located. Medstor achieved the trust's aims in this ambitious redevelopment programme by providing a full range of materials management products:



CASE STUDY AUTOMATED CSSD



Medstor working in Copenhagen with Danish consulting company Niras, helping to equip two automated warehouses, built to deliver sterile goods and services.

Visit: www.medstor.co.uk for full case study

