![Omnicell logo]

Omnicell Inventory Management Solutions

Reduce medical supplies waste, reduce errors

> " It is our view that every relevant surgical procedure for the treatment of SUI or POP – using mesh implants or not – should be entered on to a national database. The data fields we propose feature routinely in the treating surgeon's operation note so should pose no new data collection burden. The scan4safety programme has shown that the technology exists to create a medical devices database that records the UDI for each device."

- Cumberlege, J., 2020. First Do No Harm The report of the Independent Medicines and Medical Devices Safety Review. p.45.
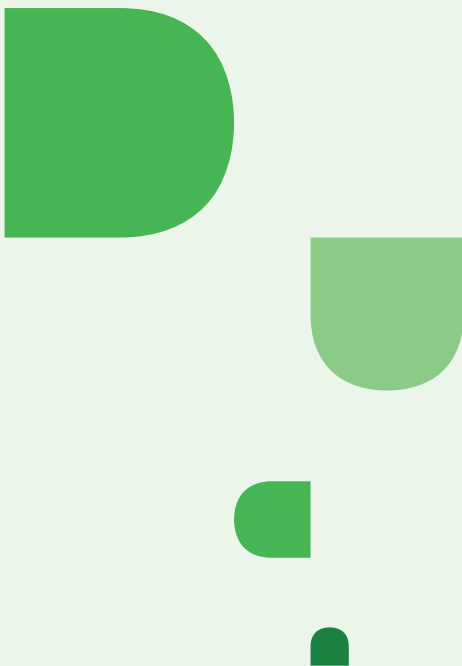
The latest on medical supplies

A lack of adopting safety standards and automated inventory management solutions, can result in an increased risk to patient safety, drained resources due to overstocking, a lack of control, unmonitored expiry dates, an increase in last minute stock-outs and wasted clinical time. These issues can adversely impact hospital's day-to-day activities and consequently have a huge impact on patient care, including risks of 'never events', last minute cancellations and theatre delays.

Reliable, NHS policy compliant and easy-to-use solutions are essential to ensure that cost-effective and high-quality products are used to deliver safe and efficient outcomes and care for patients.

Industry reports and reviews are calling for wide-ranging and radical improvements across the UK healthcare system and placing increased pressures of Governments and policy makers. Including the Independent Medicines and Medical Devices Safety Review, chaired by Baroness Julia Cumberlege, who published the report "First Do No Harm" last year. "First Do No Harm" sets out nine major recommendations to bring much-needed help and support to those who have suffered as a result of interventions, and to reduce the risk of avoidable harm from medicines and medical devices in the future.

In turn, Government standards and regulations are placing increased pressure on hospitals to invest in software and create robust plans to better manage their supplies and the traceability of products moving through their hospitals.

Hospitals are often left considering numerous options to support them on this journey and these are invariably fraught with understanding complex equipment and securing significant investment.

Supporting hospitals with end-to-end management of medical supplies

Our team of experts are supporting 100 NHS hospitals to make significant savings through better stock management as well as improving patient safety and freeing up nursing time to focus on face-to-face patient care.

We work with the hospital project lead, the implementer, the end-users, to understand your workflows, current issues and challenges. This is so that we can map and match our suite of hardware and software solutions to complement and support existing processes in each department and ensure the solutions are easy to use and effective, so that all users, of every level can get the optimum result from the hospitals' investment.

We understand that the insights derived from data for managing inventory management are critical to day-to-day operations and patient care. Data derived from our hardware and software solutions will provide an invaluable audit trails, so that Trusts' will be able to track hospital and pharmacy supplies from when received at the back door to the point of patient care.
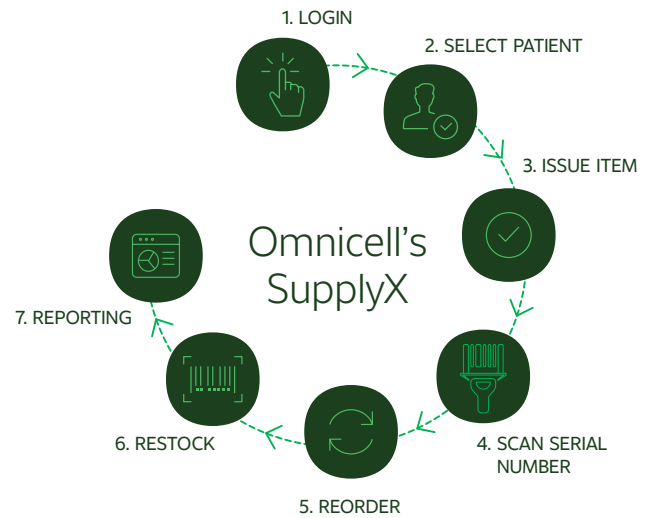
The solutions

SupplyX IMS

Omnicell's SupplyX is an inventory management solution that automates the stock-taking process and runs real time, stock level information, web-based dashboards and hosts a reporting suite to improve the traceability of all medical supplies moving through hospital sites. The solution can integrate with other hospital reporting systems so you can control and report on open and closed stores for both top-up and perpetual inventory management.

Scanning of medical supplies can be done with handheld scanners, tablets, or a mobile telephone. These can be used in conjunction with cabinet systems or stand alone in open storerooms, theatres or laboratories. The ability to use this software on a range of handheld devices means that it's ideal for large storerooms or case picking rooms where staff are picking supplies for multiple patients at the same time.

Omnicell's SupplyX

1. LOGIN
2. SELECT PATIENT
3. ISSUE ITEM
4. SCAN SERIAL NUMBER
5. REORDER
6. RESTOCK
7. REPORTING

Real-time data on your stock levels can be ran at the touch of a button via a device such as a smartphone, tablet or desktop computer. This help reduces unforeseen stock outs through re-orders based on current stock levels rather than weekly or monthly orders. Expiry tracking and automated supplier expiry alerts flag stock to be rotated, reducing out-of-date waste. Ordering of stock is fully automated and restocking and receipting is also tracked and managed by the system.

The software allows hospitals to track and cost everything at a patient, procedure and consultant level, providing an understanding of cross-department spending and allowing for the most economic and efficient care pathways to be identified and adopted.

As well as improving patient safety in the event of any product recall, Omnicell's SupplyX technology also reduces manual time spent on managing and ordering stock so staff time can be redirected back into face-to-face patient care.

The hardware

Automated Dispensing Cabinets for Supplies

Omnicell XT Automated Supply Dispensing Cabinets create a more efficient and effective way to manage consumable medical supplies. The intelligent system helps to reduce stockouts, which can impact patient care and outcomes, as well as nursing time. The solution has been thoughtfully designed to help hospitals achieve greater inventory control and improve recall management through lot, serial number, and expiration date tracking.

Features and benefits:

- Ideal for managing high value supplies as they keep items secure while being easily accessible

- Larger capacity to help reduce stockouts

- Bright guiding lights guiding you directly to stock

- Responsive touch screen—similar to current smartphone

- Microsoft® Windows® 10 to enhance reliability, security, and responsiveness.

Omnicell's RFID Cabinet

The RFID Cabinet is an intelligent, restricted-access cabinet system which uses RFID technology for the safe storage and management of high-cost supplies, implantable devices and trauma trays - where you need to take and return multiple items at once. All items in the cabinet are RFID tagged and the system quickly scans everything in the cabinet, instantly confirming what has been taken, returned or restocked.

It provides real-time information about all dispensed and returned products, allowing for:

- product expiry control

- automatic restock of orders

- the allocation of costs per patient or surgical procedure

- traceability of batch/serial numbers.

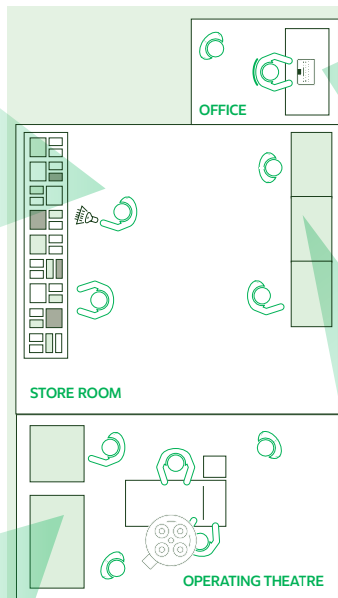# Supporting you on your journey to supply chain management excellence

Some early adopters of automated inventory management solutions are using a blend of solutions and the data drawn from these solutions to manage stock from when accepted at delivery, to the point of patient care.

These hospitals have implemented solutions based on the following factors:

- value of items

- propensity to cause discrepancies in stock holding

- workflow demands of the individual department.

All low-cost stock and patient costing are managed using Omnicell SupplyX handset, with materials management teams running "top-ups" on the wards.

All high-cost implants and Trauma Orthopaedic are managed by the effortless RFID Cabinets.

OFFICE

STORE ROOM

OPERATING THEATRE

Real time stock level information dashboard and reporting suite. It will link to your hospital reporting system to control and report on open and closed stores for both top-up and perpetual inventory management.

Consignment stock and medium cost consumables are managed by Omnicell XT Supplies Automated Dispensing Cabinets for additional compliance and security.

Integration that simplifies

Our solutions not only integrate with each other to give you a live dashboard of your stock across all your sites, but can also import and export data from other hospital systems. Omnicell uses its own interface engine and has over 6000 working interfaces, including those with most of the systems used in the UK for:

- Patient administration
- Theatre management
- Procurement and finance
- Catalogue management
- Patient costing
- Direct interfaces with suppliers such as NHS Supply Chain, Office Depot, NEP, GHX

Typical interfaces include:

- Patient demographics
- Reordering
- Receipting
- Catalogue update
- Patient costing or billing
- Theatre/Cath lab scheduling/cases/ preference cards

Each of our systems simply connects to your existing hospital network (wired or wireless) to communicate with the Omnicell server. We can provide a fully configured enterprise class server, a cloud server or a VM image for your virtual environment.

Customer Spotlights

Partnerships at scale

South East London Integrated Care System (ICS)

The insights derived from data for managing inventory management will also be critical to day-to-day operations and patient care. Data derived from our hardware and software solutions will provide an invaluable audit trails, so that Trusts' will be able to track hospital and pharmacy supplies from when received at the back door to the point of patient care. Data will also help Trusts' understand how to reduce stock and where in the hospital stock is and isn't used, which in turn will lead to significant cost savings and ensure that stock is available when and where it's needed.

We've been working with South East London ICS to understand their workflows and various challenges in great detail. This is so that we can map and match our suite of hardware and software solutions to complement and support existing processes in each department and ensure the solutions are easy to use and effective, so that users can get the optimum result.

NHS Wales

Omnicell is delighted to be working with NHS Wales to support its Scan for Safety vision. As the Company continues to deliver the roadmap to the autonomous supply and pharmacy, it now can harness data from automated systems to deliver intelligent insights that allow hospitals to better optimize their supply chain.

Partnering with NHS Wales will help Omnicell to demonstrate the benefits of having one national IMS, as well as the efficiencies and results that can be achieved by having automation and intelligence in place on a national scale.

SupplyX will enable all Health Boards and National Distribution Centres (NDCs) across Wales to track every clinical supply item from the beginning to the end of the supply chain, including every interaction to capture information regarding people, patients, locations and devices. Significantly, the system will underpin the Scan for Safety Wales Programme and provide healthcare settings with the automated tools to optimise processes and create time and financial savings across clinical, operational and management areas and drive better patient outcomes.

Customer case studies

University Hospital Southampton NHS Foundation Trust implemented Omnicell supplies solutions, including automated dispensing cabinets and SupplyX Inventory Management system to ensure there is a standard approach to materials management across all its sites.

£600k worth of reduced inventory holding in the first **6 months** alone with stock savings ongoing.

Guys and St Thomas' NHS Foundation Trust deployed 219 inventory supply management systems across all main clinical areas from theatres to the ward.

35% reduction in non-moving inventory.

Inventory re-order levels reduced by **10%** in wards and **5%** in theatres.

Royal Surrey County Hospital installed Omnicell automated supply cabinet systems to automate the ordering and control of clinical supplies.

£500,000 reduction in excess stock.

Monthly per patient expenditure decreased by **£43,000**.

Omnicell is inviting all hospitals to visit the Customer Experience Centre in Manchester to meet with their team of experts and learn how their automated solutions can help to improve patient safety and deliver long term cost savings.

To arrange an appointment email automationsalesuk@omnicell.com or call 0161 413 5333.