Improve patient safety, drive efficiencies and deliver long term cost savings.

Omnicell™

We are experts in ensuring the health of patients through reliable inventory management systems. At Omnicell we have over 20 years' experience in helping hospitals to implement automated management solutions for medication.

Our team of pharmacists, pharmacy technicians and support staff across the UK are already supporting 100 NHS hospitals to make significant savings through better stock management and control as well as improving patient safety and freeing up nursing and pharmacy time to focus on face to face patient care.

We know that the vast majority of NHS Trusts are in deficit and have to make significant financial savings. Millions of pounds are wasted on surplus medication and there is often no visibility of what is being used where, by who and for which patient. The Lord Carter report found significant variations across all hospitals of stockholding levels and called for this to be standardised so hospitals only order and use what they need – Omnicell's systems can help you do this.

And there's not just the financial impact to consider – patient safety plays a huge part too. With increasing pressures on front line staff, it's never been more important to have the safest possible solution in place when managing medicines. Automating your medication dispensing and administration procedures with an Omnicell system can help to ensure medication administered is exactly what has been prescribed.
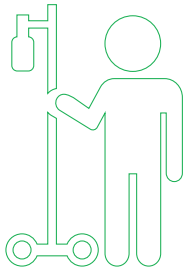
Omnicell has solutions available right now to help you meet Lord Carter's recommendations and the mandated GS1 standards which are required to be in place by 2019/20. Our team of experts will work with you to assess your current processes across your hospital and then help to redesign your workflow to drive savings by increasing staff productivity, eliminating waste and reducing excess stock and consumption.

Omnicell offer automated systems for managing both medication and supplies. All our systems are designed to drive efficiencies through your organisation. Our systems are available on a lease option with no upfront costs so you only pay as you save. Act now and you could save millions. We have already helped the NHS to save a total of £50million with more Trusts choosing an Omnicell solution every month.
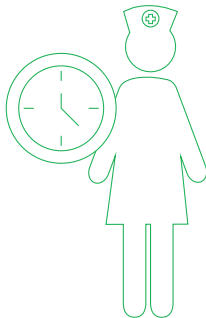
Why Automate?

There are many benefits to installing automated systems for medication management across your hospital. NHS hospitals who have already installed Omnicell systems found...
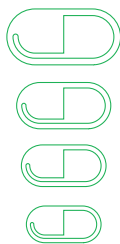
It improved patient safety by:

- Reducing incidences of missed doses or double doses
- Reducing picking errors thanks to unique guiding light technology
- Managing stock more effectively, avoiding any issues with stock expiry
- Interactive allergy alerts and clinical alerts
- Reducing risk of medication errors
- Automating the controlled drugs process with an electronic CD register making it more secure
- Closing the loop through EPMA integration - so what is prescribed is what is administered

It improved productivity and efficiency by:

- Reducing incidents of ad-hoc ordering, stock outs and drugs wastage
- Reducing nursing time spent looking for drug cupboard keys or stock
- Reducing the amount of time pharmacy spend on top up/restock rounds
- Quicker patient discharge times
- Providing a clear audit trail and cost tracking at a per patient level
- Reducing drug administration time

Driving much needed cost savings by:

- Significantly reducing stock lines
- Reducing overall consumption
- Providing data at your fingertips so more informed choices on spending can be made
- Reducing stock expiry losses
- Releasing valuable staff time back to patient care
- Creating estate space savings

One solution, many options

Omnicell offers one integrated solution with many options to meet the needs of all your hospital departments. All our systems have the advantage of running off one single platform.

Our easy to use automated medicines system options include secure cabinets in a range of sizes and configurations, controlled drugs cabinets and mobile trolleys to improve medicines administration. Our modular approach means that our systems can be designed to fit your store rooms, around your stock lists and controlled drugs so it's entirely bespoke to you and meets your requirements.

Because we are experts in what we do, we know that one size doesn't fit all. So we have solutions to meet the needs of every hospital and every department, whether you need to manage drugs in general medical wards, A&E, ITU, theatre, anaesthetic rooms and more.

In addition, Omnicell can integrate with your electronic prescribing and medicines administration systems (EPMA) to further improve safety and efficiency and helps you meet Lord Carter's recommendations. Some examples of the systems we can integrate with include:

• JAC
• Medchart
• Cerner
• Emis
• Meditech
• Epic
• Allscript
• Lorenzo

Our team of customer solution consultants will work with you from the outset to help design the perfect solution for your hospital, ensuring it delivers the most long term benefit and quickest return on your investment. They will be there to support you throughout the project – from planning and installation to post go-live.

Helping you achieve current healthcare policy

Reducing stock holding levels, freeing up pharmacy time to focus on patient care and the adoption of electronic prescribing and medication administration systems were all key recommendations of the Lord Carter report. Omnicell's automated technology will help your Trust achieve all three.

Lord Carter was able to see our Omnicell automated medicines systems in practice as part of his review where he witnessed first-hand how they were driving efficiencies, improving control and freeing up pharmacy and nursing time.

By putting in place Omnicell automated medicines management systems you will free up pharmacy time so they can focus on:

- delivering optimal usage of medicines
- making more informed choices
- securing better value
- driving patient outcomes
- supporting seven-day services

In addition, as a GS1 certified partner all our Omnicell systems are also fully compliant and will help you to meet the GS1 standards required by the Department of Health by 2019/20. All our systems can capture the GS1 user, location, patient, item and lot number as required by GS1. In the event of a stocktake or product recall, the reporting system can tell you which product has been used for which patient and which is still on a shelf.

Omnicell XT cabinets
Making managing medication easier

"Our Omnicell XT Automated Medication Dispensing Cabinet features a revolutionary design approach to maximise workflow efficiency and drive much needed cost savings while promoting patient safety."

No other medication dispensing system is as flexible and scalable, allowing you to easily adapt to growing needs or changing medication dispensing strategies. The scalable Omnicell XT Automated Dispensing System can easily be expanded with additional cabinets and drawers that can be added or changed on-site as clinical needs evolve. Medication and supplies can even be combined in a single cabinet, ensuring maximum convenience and saving valuable estate space.

Our XT cabinets come in a range of sizes including ½, 1, 2 and 3 cells sizes and are available as a main (with software brain) and auxiliary (add on unit).

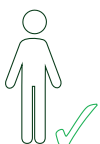**The secure cabinets are easy to use. Just follow four simple steps.**

Login	Select patient	Select medication	
1	2	3	4 Remove medication from the cabinet

One solution, many options
Features and benefits

Secure access [1]

Login is securely controlled by PIN code, ID Card or fingerprint ID. Access to individual cabinets, drawers and bins within a cabinet or items can be restricted to users with specific authorisation.

Drawer options [2]

Our XT cabinets come with a range of drawers in varying sizes and configurations. Our unique steel drawers feature individual locking bins, in multiple sizes, that can store controlled drugs, IV bags and high risk or abusable items. We also offer configurable matrix drawers that can be adjusted to manage changes in pack size and different types of medicine. Drawers can be easily added or swapped as your needs change.

Safety stock scanner [3]

Safety stock requires users to scan the selected item's barcode on issue and/or restock, supporting you to meet requirements of the Falsified Medicines Directive, GS1 and Scan4Safety.

Omnicell FlexLock [4]

A remote lock controlled by an Omnicell cabinet which can be attached to the exterior of your fridge and reports in real time on any temperature fluctuations. Features a calibrated temperature probe.

Dispensing and allergy alerts

Omnicell can display interactive allergy alerts for each patient to avoid the potential for any adverse drug reaction. There are also configurable dynamic, dispensing alerts which can be used to display and gather information during issue, return or waste of a medication.

Patient's own drugs [5]

Omnicell can manage patient's own drugs by assigning specific bin locations for the patient in the cabinet using SinglePointe. This provides the ability to manage patient's own drugs on the Omnicell database and stores and tracks them in the Omnicell cabinet.

Kits

Within the Omnicell system you can define lists of stocked items as 'kits' so they can be removed as a single item selection from the cabinet. This supports nursing staff for example with diluents and infusion fluids for reconstituting antibiotics.
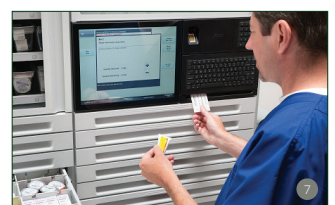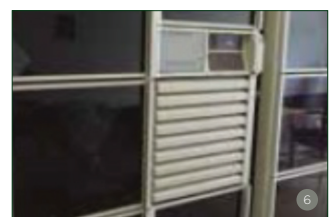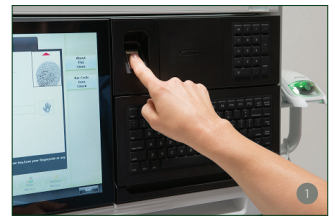
Security cladding [6]

Available for extra security in dark tinted, semi translucent security film or solid aluminium panels.

Label printer [7]

With Omnicell's integrated label printer, you can print labels right at the cabinet. Any drug or IV preparation can be labelled with drug and patient details for safe identification.

Starbus technology

Modern Starbus electronics architecture supports wireless accessories and future innovations. The innovative Starbus connection supports current and new technology.

Remote RX

Reduce picking time at the cabinet so nurses can spend more time with patients

Our Remote RX application gives nurses the ability to remotely request medication in the cabinet from the patient's bedside so medication requests can be completed at a time and location that is most convenient for them. It also eliminates queues at the cabinet itself and reduces the risk of any interruptions that may occur in the medication withdrawal process.

The requests are automatically sent from the Remote RX application to the appropriate Omnicell cabinet/cabinets as remote picks. Once the request has been generated the user can go to the cabinet where they will be prompted to issue the requested medications without the need to select and pick the required items again. Users will be guided to the locations in the cabinet of all the remotely requested items.

Electronic Prescribing Integration and Anywhere RN

Omnicell can integrate with your electronic prescribing and medicine administration system to further improve safety and efficiency.

The Omnicell cabinet receives a live feed of the patient prescription and changes. After choosing a patient, the nurse can then see their active prescriptions, inactive prescriptions, PRNs and scheduled meds.

We can also integrate right into the user interface of your EPMA system. Within the EMAR, the nurse can select the drugs due for administration and simply add it to the Omnicell queue. At the cabinet the nurse can then just log in and select the patient to enable the queued drugs to be dispensed at the touch of a button.

Controlled Drugs Management

On the ward

Omnicell is designed to manage controlled drugs, eliminating keys and paper registers, improving governance and freeing up nursing time. Controlled drugs are stored in the cabinet in locked bins which can only be accessed by authorised users (with a witness) who are required to perform a blind countback on every transaction. Witnessed waste, partial doses and discrepancy reconciliation can all be recorded via the cabinet screen or via Anywhere RN at the patient bedside.

In Central Pharmacy

Cabinets in clinical areas can also be integrated with cabinets and the electronic controlled drugs register in Central Pharmacy for end-to-end tracking, ordering and restocking of CD.
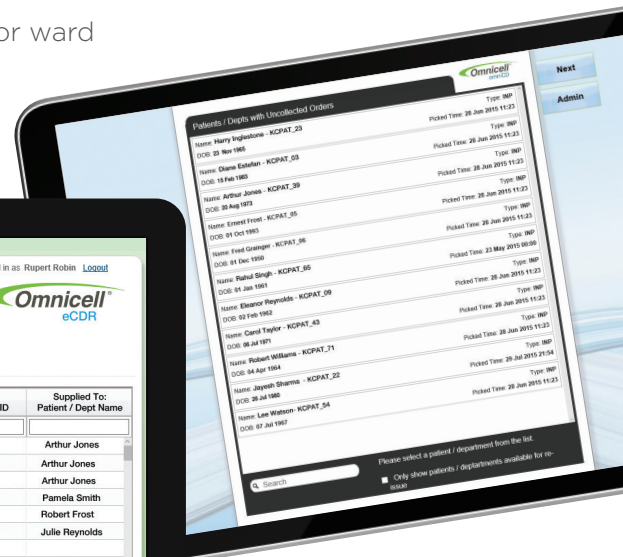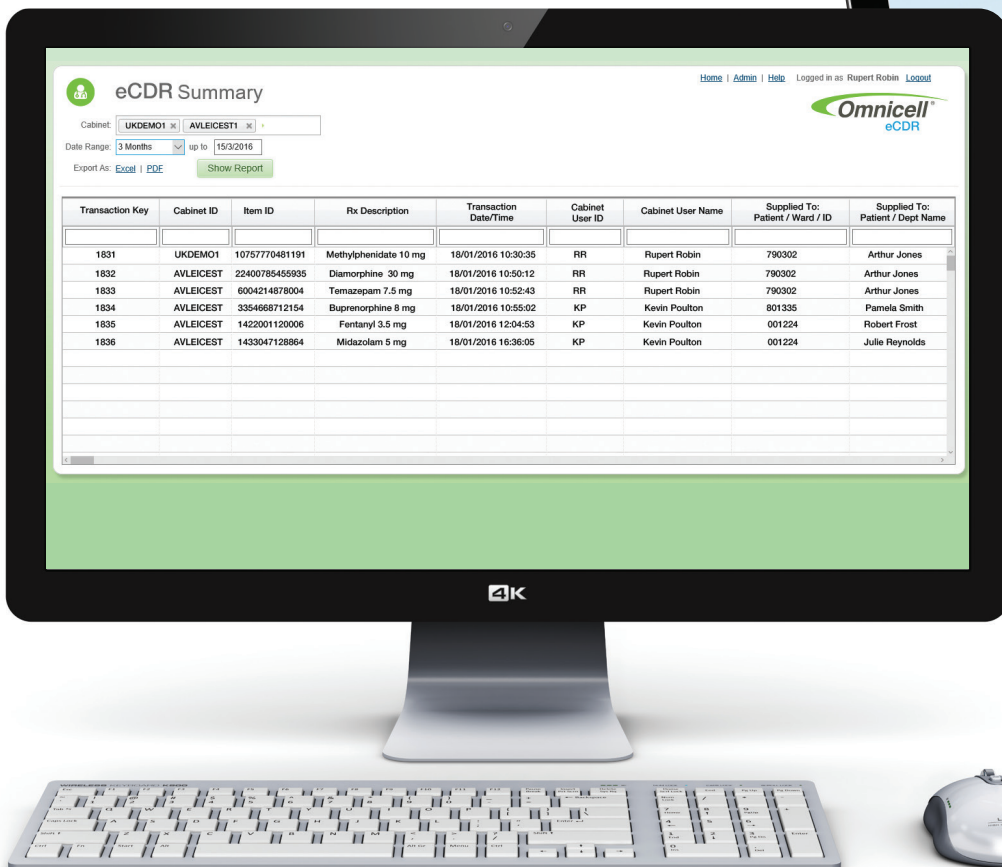
This simplifies your entire controlled drugs process throughout the hospital. The controlled drugs required for an inpatient, an outpatient or a ward is entered into JAC. The data is then passed to Omnicell via our Remote Pick solution. The pharmacy technician can then go to the Omnicell

cabinet. They login to the cabinet via our secure fingerprint system, select the patient or ward and then follow the guiding lights to remove the drugs before confirming the CD balance. The Omnicell cabinet captures the details of the technician collecting the CDs electronically. Omnicell then captures the details of the person collecting the CD(s) from pharmacy.

This provides a complete end to end electronic CD register for Central Pharmacy, completely replacing all the paper registers. Data is provided in a Home Office approved format and can be stored for over seven years on the securely backed up Omnicell server. Longer term archiving options are also available.

The data can be searched by numerous fields including:

- product
- person
- transaction
- patient or ward

"Omnicell is designed to make life easy for the end user."

Interfaces

Importing and exporting data from other systems is an integral part of what we do. 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 system (PAS)
- ePMA
- Procurement and finance
- Formulary management
- Patient costing
- Direct interfaces direct from Wholesalers or offsite distribution centres.
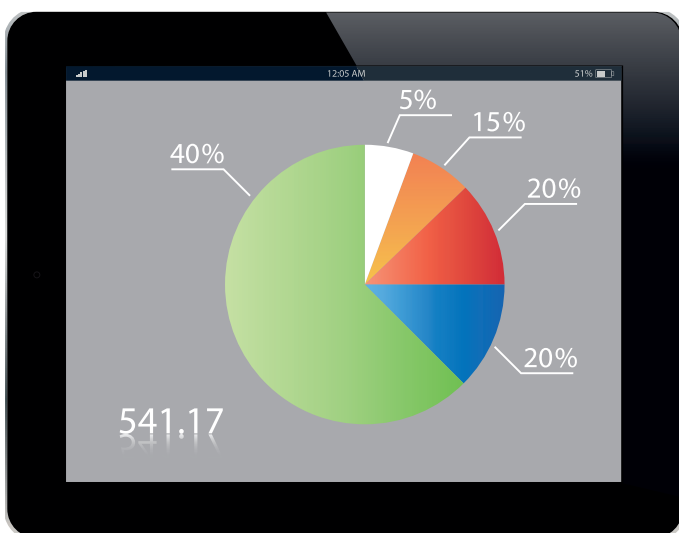
Typical interfaces include:

- Patient demographics
- Reordering
- Formulary update for pharmacy
- Patient costing

IT implementation

Each of our systems whether a cabinet or handheld device simply needs a network connection (wired or wireless) and IP address in order to communicate with the Omnicell server. In the event of any network outage, Omnicell systems continue to operate and safely queue all transactions until the network is restored. We can provide a fully configured enterprise class server or a fully licensed VM image for your virtual environment.

Reporting

Omnicell is designed to make life easy for the end user. Authorised users can access the web based reporting from any hospital PC. Transactional data for three years or more is available on every activity from every Omnicell system. We have a number of reporting tools which enable you to get the most from your system and maximise your savings and benefits.

System and design implementation

We don't just sell you a system.

Our experienced Customer Solutions Consultants work closely with you to design lean processes. They will develop a solution which complements and supports your medicine management processes by combining the right blend of systems in the right locations, ensuring the system is easy to use yet effective so you achieve the most from it and maximise your return on investment. You will be supported by a Customer Solutions Consultant for the duration of your project – all our consultants are pharmacists or pharmacy technicians with experience of working in NHS hospitals in addition to their experience with Omnicell systems.

Service and support

We are committed to being your long-term partner and once your systems are live we provide you with comprehensive service and support.

Our comprehensive service and support includes remote monitoring of your systems so our engineers are alerted immediately if there are any potential issues. This means we can resolve them as soon as possible with minimal impact.

We offer 24/7/365 telephone support and have a network of engineers across the UK who can be onsite within hours. We carry out preventative maintenance checks twice yearly to ensure maximum uptime – our systems have a typical uptime of 99.9%.

"Our systems have a typical uptime of **99.9%**"

10%

Saving in medicines consumption

22%

Stock reduction

Nurse time savings of

£7,000

per department
(0.25 WTE band 5 nurse-time)

50%

Reduction in time spent dispensing and managing CDs in central pharmacy.

11%

Fall in consumption

Guy's and St Thomas'

GSTT implemented Omnicell medicine systems on 32 wards, as well as a Trust- wide Omnicell supply systems rollout. The system has achieved 10% saving in medicines consumption and 22% stock reduction whilst ad hoc orders have been cut by a third and partpack returns worth £1,000 per ward per month are now processed through Omnicell. As a result of this success, the medicine systems were extended to 74 new locations and are being integrated with MedChart EPMA.

Northumbria Healthcare NHS Foundation Trust

The partnership between Northumbria Healthcare NHS Foundation Trust and Omnicell saw the trial of the automated storage and ordering systems in two of its general hospitals in the North East prior to the opening of a new Northumbria Hospital. Results from the trial showed nurse time savings of £7,000 per department (0.25 WTE band 5 nurse-time) which has been released back to patient care; patient safety benefits with a 0% critical missed dosed rate and a 6% financial reduction in medicine spend per patient. Following the overwhelming feedback on the system and demand from nursing staff, a total of 24 Omnicell medication automation cabinets are now in use across emergency care, theatres and admission units at Northumbria Specialist Emergency Care Hospital.

Leeds Teaching Hospitals

On reviewing their processes Leeds Teaching Hospitals found that every day staff were spending three hours, almost half of their shift, making records in controlled drugs' registers. They were looking for a solution that would automate the storage and supply of medicines within wards and departments and would significantly improve the efficiency, security and transparency of medicines management throughout the organisation. The introduction of Omnicell at St James' University Hospital has led to a paperless process for supply of controlled drugs from the pharmacy, and this has halved the time taken in dispensing and accuracy checks. The supply of one controlled drug item has reduced from 6.5 minutes to 3 minutes, as well as creating a more "lean" dispensing process reducing from the 9 previous steps to 6.

Isle of Wight NHS Trust

Omnicell cabinets were installed at St Mary's Hospital in the Isle of Wight and integrated with their EPMA system. An electronic controlled drug system is also incorporated, and the system integrates with Omnicell's robotic dispensing system used in the hospital pharmacy. Since installation the hospital has seen some impressive results including an 11% reduction in medication spend, reduction in missed doses from 6% to 1% and a 24% reduction in stock for ward medicines. By integrating Omnicell and their EPMA system patient safety has also been enhanced with nurses automatically guided by the cabinet to the correct drug and dosage ordered for each patient.

Call us today for more information and to arrange a free survey of your hospital or department

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Omnicell™