



AMiS PRO Smart Cart

Making the last few
metres of the medication
round smarter, faster, safer



The challenge for medication rounds in hospitals today

Nurses today face a more challenging ward environment than ever, with NHS bed occupancy and patient workloads at exceptionally high levels, and nursing vacancies at an all-time high.

We also know that the pressure of providing quality patient care in understaffed wards at full capacity is being exacerbated by patient medication rounds that are loaded with time-consuming and inefficient processes that create error, delay and a lack of transparency at the point of medication administration.

At Omnicell, we see the opportunity for technology to transform the way medicines are managed on wards, releasing nursing time from unnecessary tasks.

Pressures on the ward



100k
clinical vacancies



19 out of every 20
ward beds occupied



273 million
medication errors per year



£98 million
cost of medication errors to NHS England



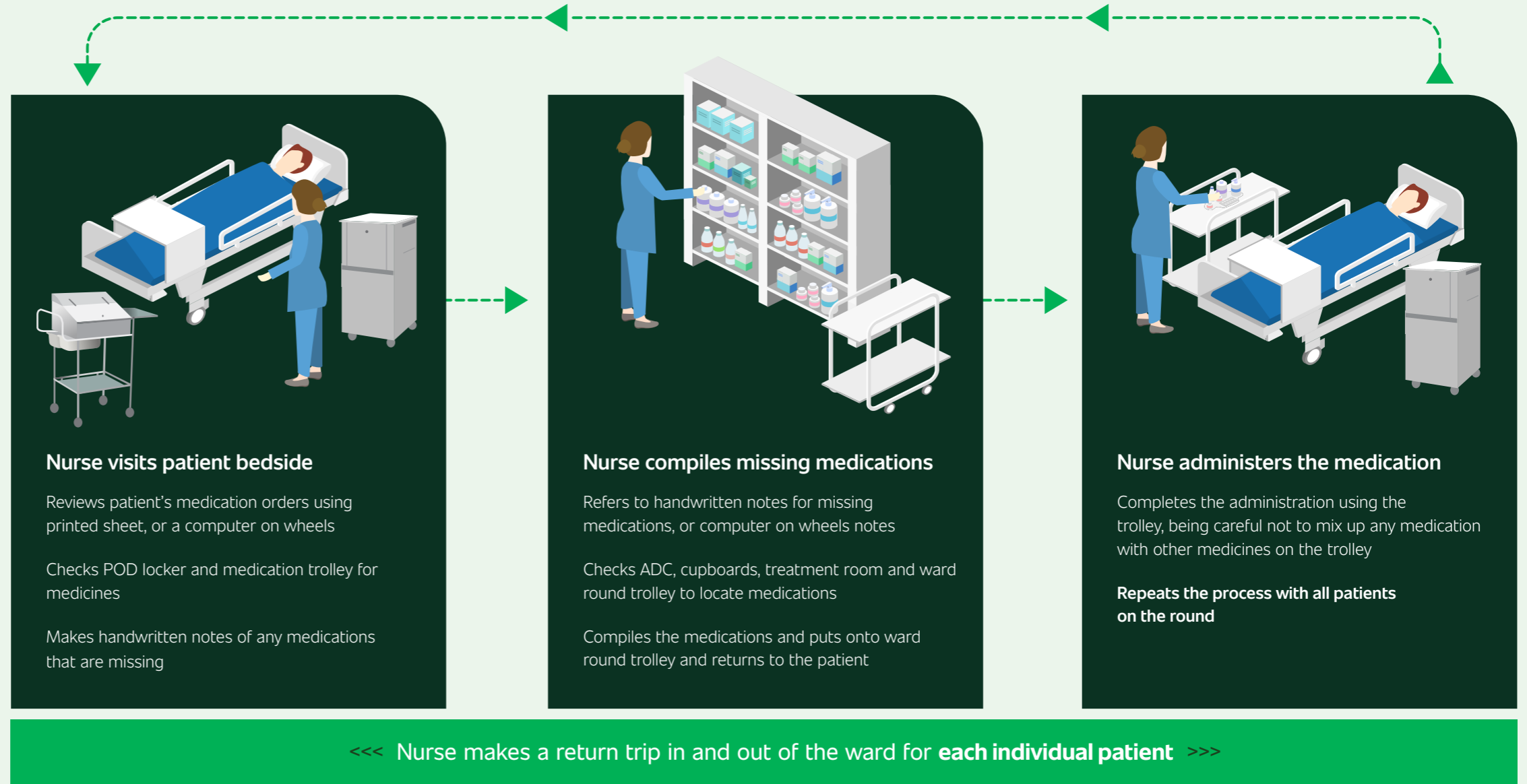
180,000
hospital bed days per year linked to adverse drug reactions

Sources:
BMJ Quality & Safety
Swansea University
NHS bed availability data


A typical hospital medication round today




Problems with the delivery of medication to the patient, typically the last 10-20 metres, include:


- manual checks of daily medication lists against what is in the patient's bedside POD locker
- excessive walking between bedsides, medication cupboards, trolleys and treatment rooms
- limited transparency, with no recording at the point of care of what medication was administered, when, and by who
- different medication trolleys, devices and equipment to manage the round
- wastage of discontinued medications from the bedside POD locker on patient discharge







Let's take a look at a typical ward round today >>>




 **ISSUES**

-  Potential for incorrect medicines to be administered due to incorrect observations on the POD locker contents
-  Handwritten notes introduces potential for incorrect meds to be introduced, or another return to the patient POD locker to check again
-  Wastage with more medicines being ordered than are necessary

 **ISSUES**

-  Time-intensive process as nurse spends time walking between different locations to compile medications and to change or wait for bedside equipment
-  Medication administration is delayed to patient due to lengthy ward rounds
-  Medications are not secured and can potentially be mixed up with other patient medications, reducing patient safety

 **ISSUES**

-  Potential issues with issuing the right medication to the right patient
-  No record of point of care administration to patient (except for Controlled Drugs)
-  A lack of transparency on care activities completed by nursing staff

Introducing the AMiS Smart Cart

Work smarter, faster and safer on your medication rounds

At Omnicell we think there is another way for nurses to complete their medication rounds. Working in partnership with Alphatron Medical Innovations, we are transforming your nurses' patient care workflows with the AMiS PRO Smart Cart, harnessing intelligent technology to deliver:

- Smarter daily medication ordering and management - no note taking against printed lists, instead order and collect medications directly through your Omnicell XT ADC
- Faster rounds with less repetitive tasks, walking to and from the patient
- Safer delivery of medications with secured individual patient bins ensuring no mixing errors, and transparent closed loop recording of medication administration

By combining the functionality of medication trolleys with computers on wheels, and providing dedicated locking medication bins, the Smart Cart transforms medication dispensing rounds for nurses.



Built to last, easy to use

- High quality design and materials
- Automatic ergonomic working position
- 10+ years lifespan
- Passive and active work modes
- Electrical height adjustment for easy patient interaction
- Reliable fan less battery system: runtime 12+ hours
- Wifi enabled for access to EPR, ERMA and MAR systems

Closing the loop with your Omnicell ADC and the Smart Cart

By combining your Omnicell Automatic Dispensing Cabinets (ADC) with the Smart Cart you can deliver closed loop medication administration direct to your patient's bedside, whilst realising more value from your existing ADC investments.

Depending on your Electronic Patient Record (EPR) system, there are two ways to integrate your ADCs with the Smart Cart. For Epic and Cerner users, patient prescription data can be accessed directly from the Smart Cart and their medications are queued to the ADC for collection.

For other EPR system users, patient medications can still be ordered and queued to your ADCs with just a few additional clicks.

In both cases, your nursing staff benefit from a single visit to the ADC during each medication round, whilst patients benefit from extra nurse time at the bedside and the peace of mind that patient safety is your top priority.



Omnicell XT ADC + AMiS PRO Smart Cart



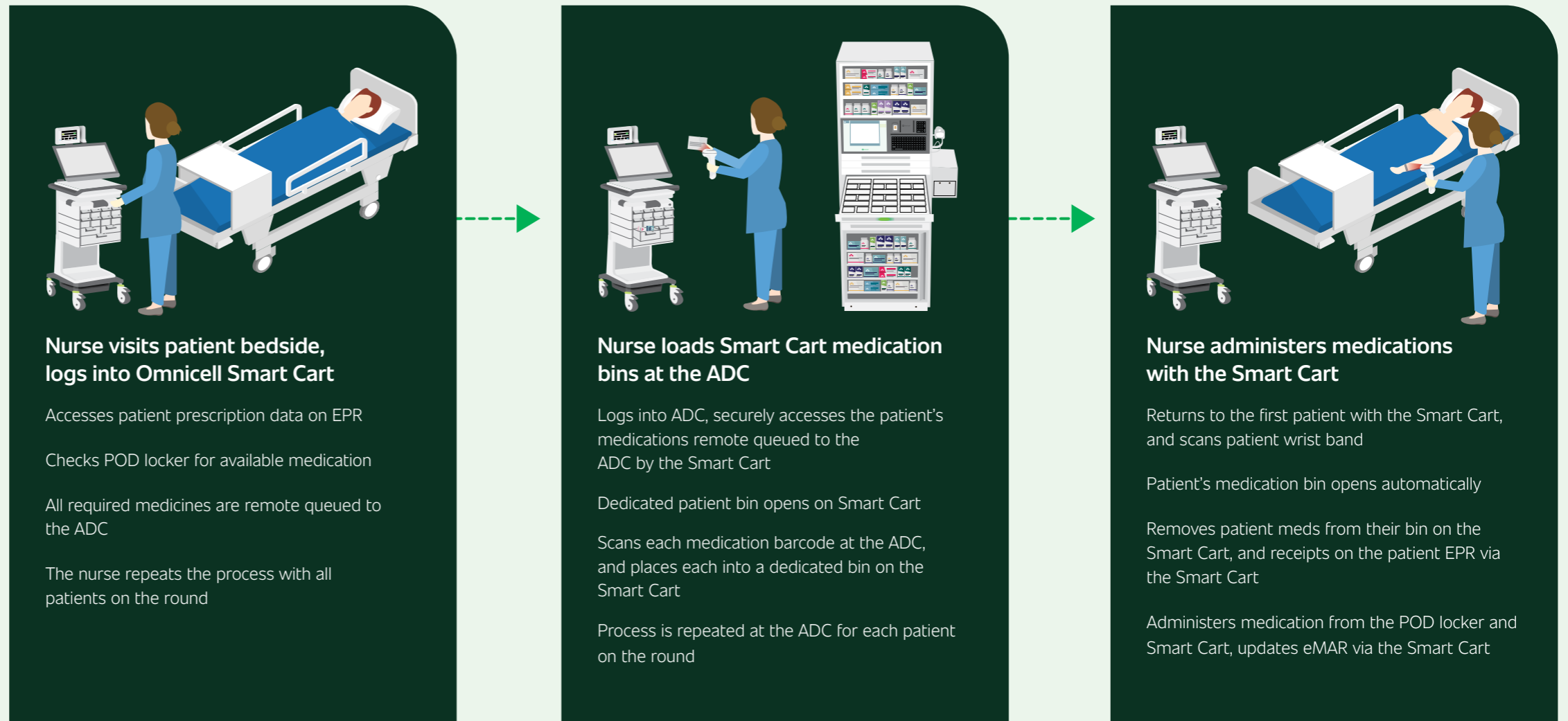
Select medication to dispense directly to your ADC




Smart Cart assigns a medication bin for each patient, opens bin for nurse to place all medications




Your medication round with the AMiS Smart Cart and Omnicell ADC

- By combining your Omnicell XT ADCs with the Smart Cart each medication round becomes smarter, faster and safer.





<<< Nurse makes a return trip in and out of the ward for each round only >>>




 **BENEFITS**

-  Seamless EPR integration ensures the correct patient medical record is being checked, reducing potential for error
-  Any medications at or below their re-order point are automatically ordered from central pharmacy by the ADC
-  A quicker process than manually checking for available medications against printed lists

 **BENEFITS**

-  Eliminates unnecessary walking or waiting for equipment, giving the nurse more time to spend with patients
-  Fewer locations to search through to find medications
-  Medications are locked away and cannot be accessed until administration to the patient, reducing the risk of error

 **BENEFITS**

-  Provides 100% traceability on EPR of medicine administration to the point of care
-  Patient's Medicine Administration Record (MAR) is updated directly
-  Nurse time spent on each medication round is significantly reduced

The road to the autonomous pharmacy starts here

A transformative vision for the medication management process.

Allowing you to practice at the top of your license.



0

Medication errors



0

Medication waste



0

Human touches until patient delivery



100%

Pharmacist time spent on clinical activities



100%

Data & inventory visibility



100%

Pharmacist time spent on clinical activities

The Autonomous Pharmacy Framework is an industry vision built, shared and shaped by clinical leaders around the globe. Its mission is to transform the pharmacy care delivery model using technology to achieve a fully autonomous pharmacy, replacing manual, error-prone activities with automated processes that are safer and more efficient, delivering:

- 0% medication errors
- 0% medication waste
- 100% pharmacist time spent on clinical activities

We're right behind you

Omnicell is *the* partner to help you along your Autonomous Pharmacy transformation journey, freeing up your teams to work at the top of their license.

We bring together our three pillars across the entire continuum of patient care:

- **Smart automation** robotics and equipment
- A **digital suite** to connect different systems for complete visibility of your operations
- Expert **Professional Services** teams to help you implement your journey to automation

We work with over 80 NHS Trusts in the UK, have over 10 years experience partnering with major EPR and ePMA players, developing numerous interfaces



See the Smart Cart in action

Omnicell is inviting all hospitals to visit the Customer Experience Centre in Manchester to meet with our experts and see how the Smart Cart can deliver smarter, faster, safer medication rounds.

To arrange an appointment
email info@omnicell.com
or call +971565348804

Visit Omnicell.me to learn more today.

