BD Pyxis™ Inventory Connect

Safe and efficient inventory management of automated and manual pharmacy stock enabling accurate inventory visibility, compliance and control
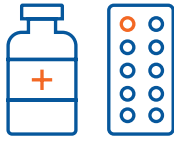
Medication management faces significant challenges

Drug shortages

59%

of European pharmacists have
seen care delayed because of
drug shortages[1]

Drug waste

20%

of hospital inventory is
discarded[2]

Inefficiency

Over
half

of pharmacists' work time is spent
on tasks considered to be
non-value adding[3]
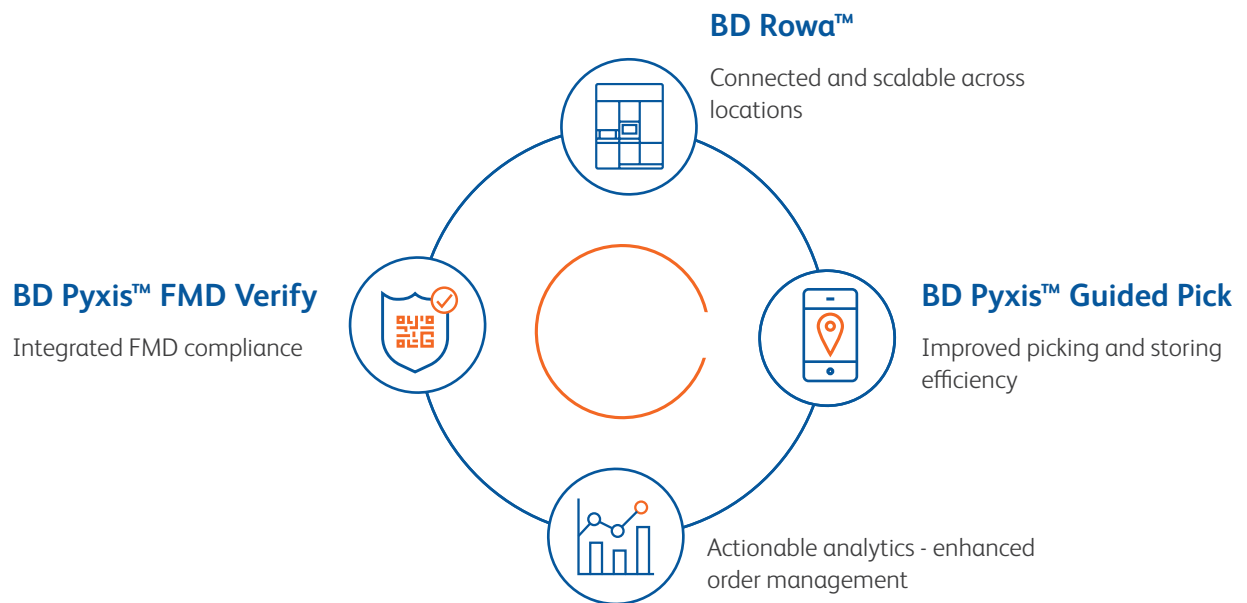
Medication errors

237
million

medication errors occur
in the United Kingdom
each year[4]

When medication management relies on manual processes, lacks inventory control and involves redundant documentation procedures, it can be time-consuming, inefficient and error-prone[3]. Some pharmacy information systems (PIS) may have limitations in the way they handle medication inventory in non-automated storage locations adding to these inefficiencies and loss of time.
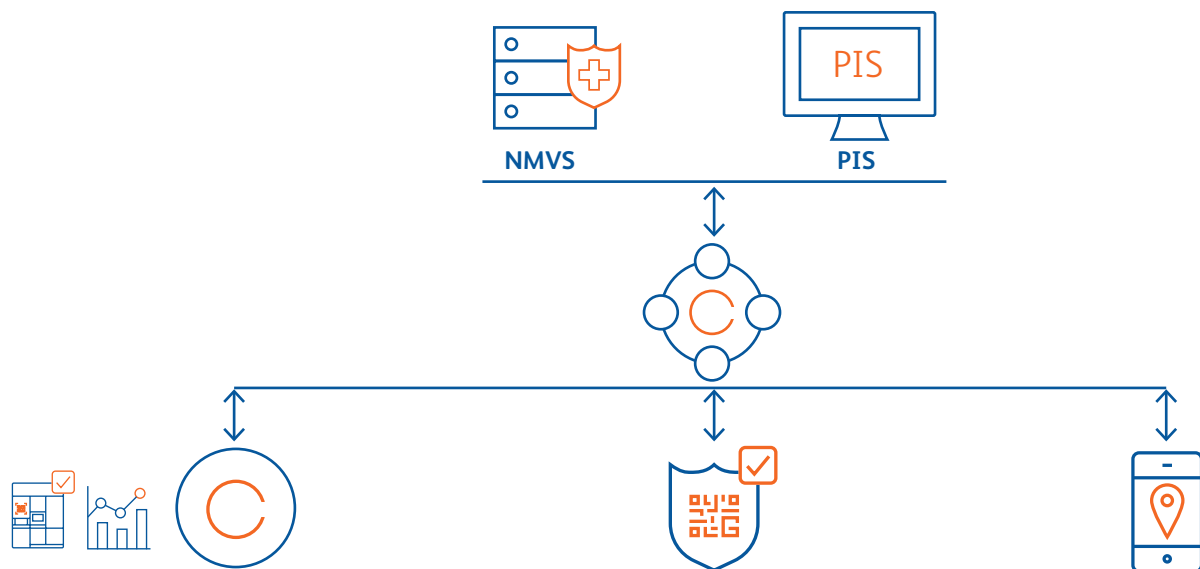
Controlled and efficient inventory management

The BD solution for safe, compliant, accurate and integrated inventory management is BD Pyxis™ Inventory Connect.

BD Rowa™

Connected and scalable across locations

BD Pyxis™ FMD Verify

Integrated FMD compliance

BD Pyxis™ Guided Pick

Improved picking and storing efficiency

Actionable analytics - enhanced order management

It provides controlled and efficient inventory management, visibility and reporting in both automated and manual stock locations and will integrate to fill the existing gaps of today's pharmacy information systems.

NMVS

PIS

PIS

BD Pyxis™ Inventory Connect Core

- Management of all types of drugs stored in the BD Rowa™ Automation Systems
- Integration with your PIS for optimised inventory and order management
- Real-time pharmacy stock management
- Accurate reporting and actionable analytics
- Automated tote or ward box management
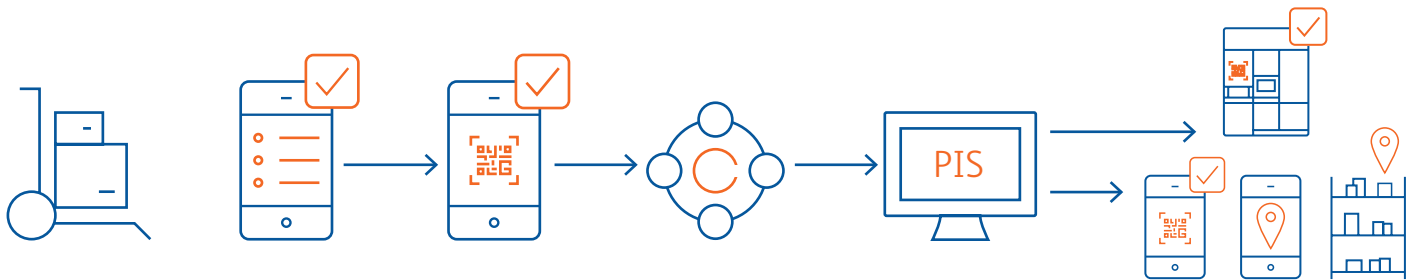
BD Pyxis™ FMD Verify

- Direct connectivity with your national medicines verification system (NMVS) and PIS
- Falsified Medicines Directive (FMD) verification, decommissioning, recommissioning for all drugs
- Full traceability of drugs, users, actions related to FMD processes

BD Pyxis™ Guided Pick

- Management of all types of drugs stored on manual shelves
- Real time operator guidance and workflow alerts
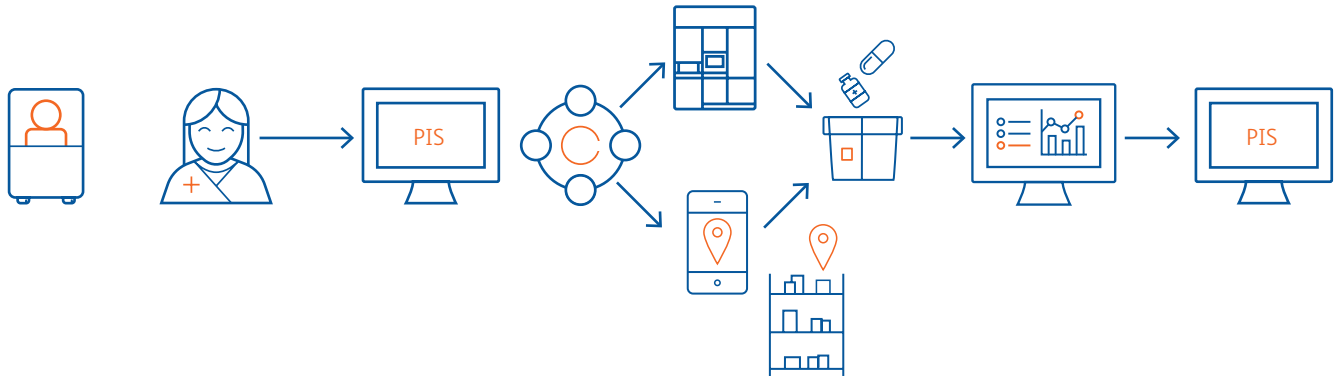- Management of full and partial packs

Safety, Compliance, Accuracy and iNtegration (SCAN)

Efficient storage of medication

Your pharmacy team checks and inputs the order numbers for incoming medications and confirms that the right medications are received via BD Pyxis™ Inventory Connect which automatically updates your PIS. All products are immediately available in your hospital stock. During all inventory scans, BD Pyxis™ FMD Verify ensures that all medications are compliant regardless of their stock location. Products that can be stored automatically within BD Rowa™ are verified directly and manually stored items are scanned on shelves using BD Pyxis™ Guided Pick.

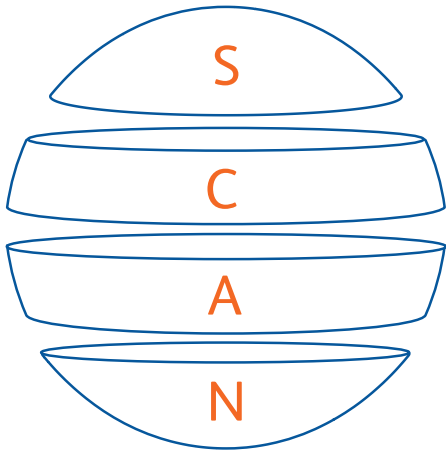## Efficient medication order management

Medication orders are transmitted from your PIS into BD Pyxis™ Inventory Connect which coordinates both manual and automated picking workflows.

All transactions are automatically logged and monitored within BD Pyxis™ Inventory Connect to ensure true visibility of all inventory movements. With real-time notifications and compliance alerts, BD Pyxis™ Inventory Connect offers full inventory visibility and reporting while improving the accuracy of your PIS across all managed storage locations. This improved accuracy throughout all your processes supports inventory optimisation and streamlines re-ordering.

Reinventing medication management

Safety
Drug scanning for safer medication management to prevent errors and potential drug shortages

Compliance
Embedded capabilities to support your Falsified Medicines Directive compliance efforts

Accuracy
Completes information in your PIS to provide greater accuracy

iNtegration
Modular solution that scales with your organisation while offering multi-user and multi-site access

Benefits

Pharmacists
- Control all inventory at a glance
- Automate manual processes with seamless and efficient workflows
- Spend more time on patient care[5]
- Gain confidence

IT professionals
- Utilise current infrastructure
- Secure data
- Reduce IT footprint
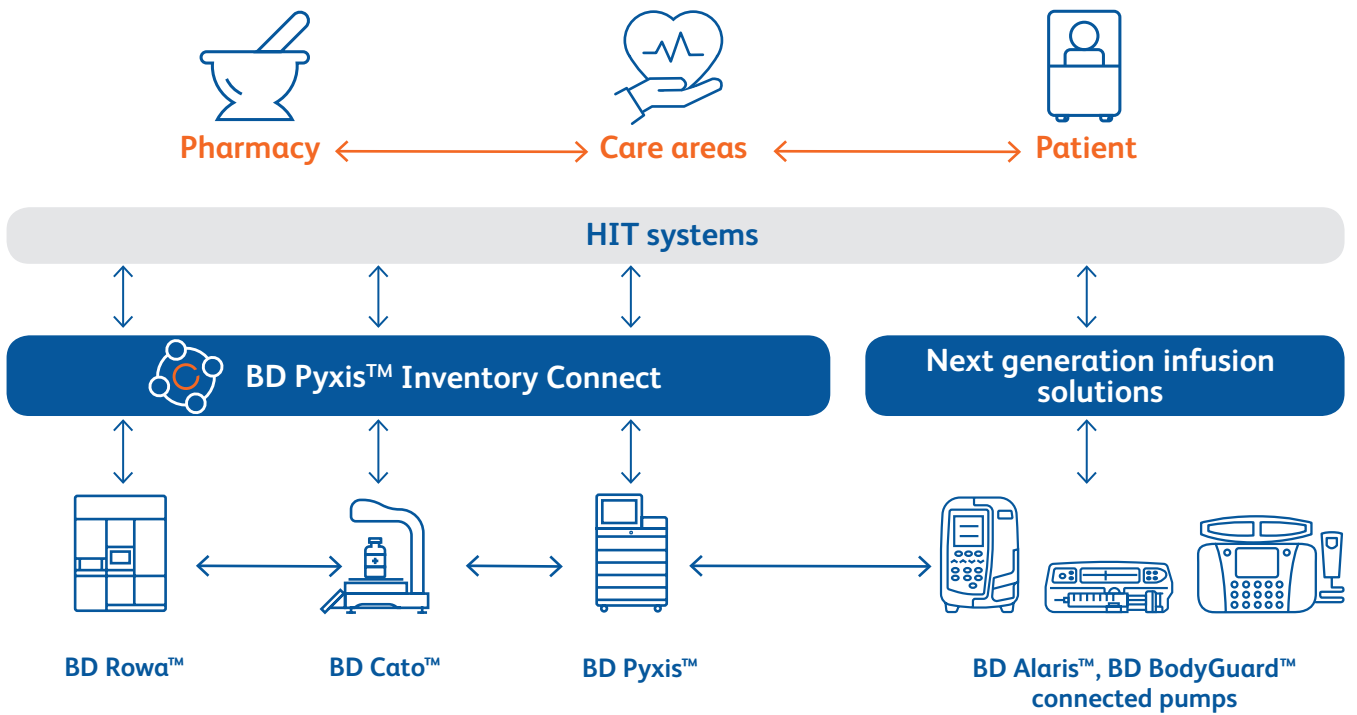- Keep integration simple

Management
- Improve resource management
- Expand with your needs
- Get an overview of your organisation's medication stocks
- Futureproof your investment with end-to-end medication management solutions from BD

Safer, simpler and smarter across the care continuum

BD vision for connected medication management

Pharmacy ←→ Care areas ←→ Patient

HIT systems

BD Pyxis™ Inventory Connect

Next generation infusion solutions

BD Rowa™ ←→ BD Cato™ ←→ BD Pyxis™ ←→ BD Alaris™, BD BodyGuard™ connected pumps

End-to-end medication safety

Holistic medication inventory optimisation

Improving clinician and health information technology (HIT) efficiency

Scan the QR code to access the video

1. Horak P. *EAHP's 2018 survey on medicines shortages to improve patient outcomes.* Brussels, Belgium: European Association of Hospital Pharmacists (EAHP);2018.

2. Ebel T, George K, Larsen E, Neal E, Shah K, Shi D. *Strength in unity: The promise of global standards in healthcare.* New York City, NY, United States: McKinsey & Company; 2013.

3. Fisher AM, Ding MQ, Hochheiser H, Douglas GP. Measuring time utilization of pharmacists in the Birmingham Free Clinic dispensary. *BMC Health Serv Res.* 2016;16(1):529.

4. Elliott RA, Camacho E, Campbell F, et al. *Prevalence and economic burden of medication errors in the NHS in England: Rapid evidence synthesis and economic analysis of the prevalence and burden of medication error in the UK.* Manchester, United Kingdom: Policy Research Unit in Economic Evaluation of Health & Care Interventions (EEPRU); 2018.

5. BMC Health Service Research, Sep 2016 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5043635/