



Key insights: solving frontline frustrations with better medication inventory management

Optimization to boost operational efficiencies and staff confidence



INCREASE AWARENESS

Reaching the next level of care

You always aim to provide the best quality care for every patient, but fragmented workflows and latent information can present obstacles to efficient everyday clinical care. The inability to coordinate operational data with actual patient needs results in staff frustration, not to mention wasted time and energy.

What if there were an easier way to alleviate all that extra work, by reducing uncertainties? What if there were a highly visible, comprehensive approach to medication inventory management—one designed to improve operational efficiencies and help pharmacists and nurses get back to more critical work? BD inventory optimization

solutions do exactly that—leveraging your existing IT investments to create connectivity and near real-time communications—from ordering, to pharmacy, to administration, to bedside.

BD offers an automated source for centralized medication inventory management to help ensure medications are there when you need them. Our goal as your partner is to free up time, so you can direct more attention toward patient care, instead of making endless calls to track down missing medications, or manually trying to solve for drug shortages.



Wasted time and effort

One study at a 1,000-bed hospital showed 150–175 missing medication requests per day, which led to staff frustration and tension between departments.¹ Frustrations in everyday operations can cause undue stress, while unforeseen challenges and health crises have resulted in hospitals running out of beds, and clinicians running out of steam.



Optimized medication management

BD inventory optimization solutions are designed to work together, helping you stay informed, more accurately managing medication inventory logistics and simplifying workflows—allowing frontline staff more time to invest in patient care and medication safety.

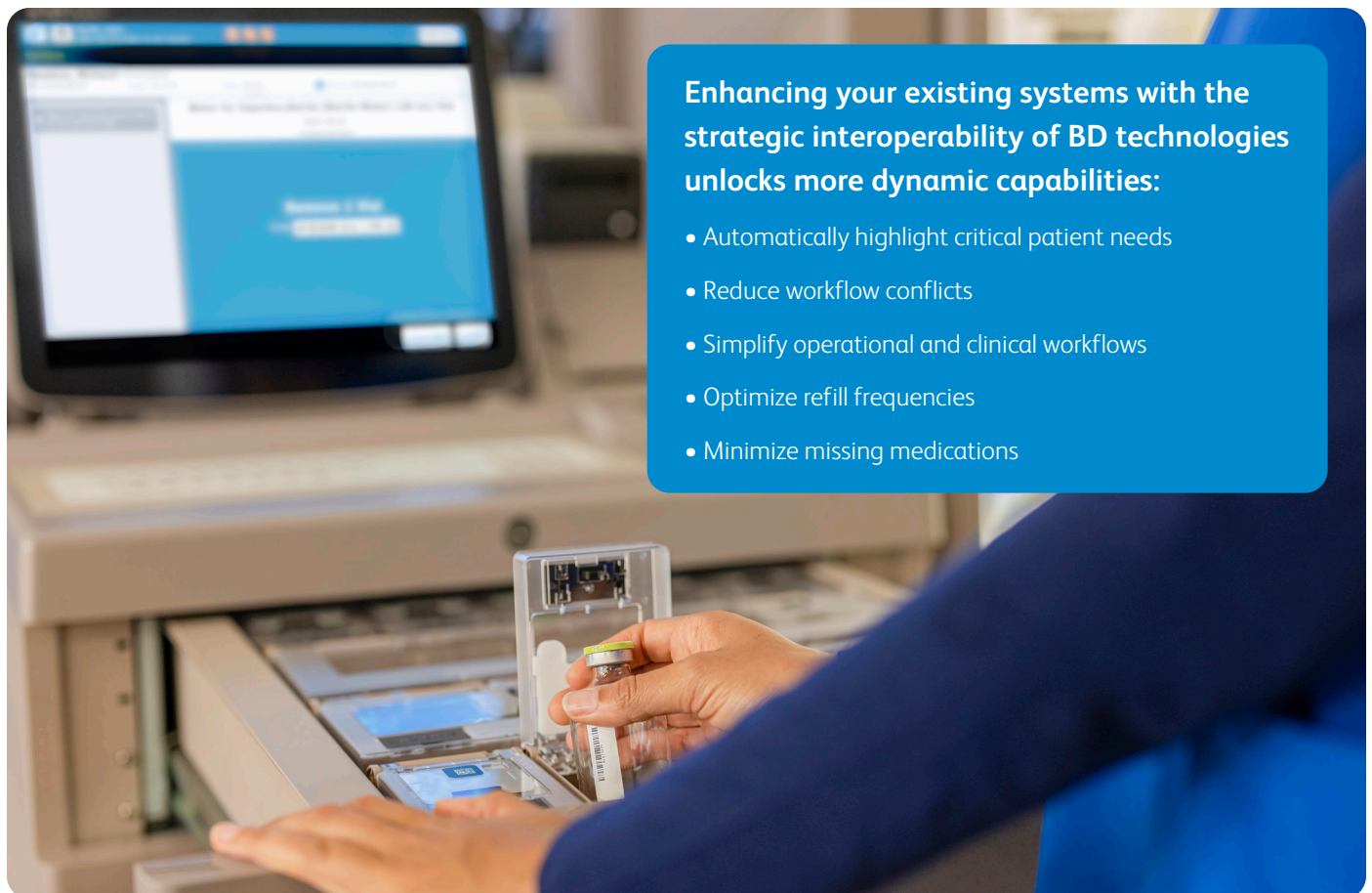
REMOVING ROADBLOCKS

Equipping your staff for success

Your BD Pyxis™ MedStation™ ES automated medication dispensing cabinet is already helping clinicians safely and efficiently dispense the right medications when they need them.² But you're still bogged down by wait times and distractions—in fact, nurses administering medications, and pharmacists and technicians dispensing medications, are interrupted as often as every 30 seconds.³ And each interruption results in a 12.7% increased risk of a medication error—that error rate tripled when a nurse was interrupted 6 times.⁴

BD HealthSight™ Inventory Optimization delivers data you can act on through recommendations to automate manual steps and reduce variability so you can get back to more purposeful work. With the added power of BD Pyxis™ Logistics, you can help increase accuracy through barcode-assisted technologies and standardize medication usage processes to help alleviate employee stress, avoid potential patient care delays and promote formulary adherence.

Nurses in one case study spent 30% less time removing medications and 32% less time on morning medication passes per patient.⁵ BD HealthSight™ Inventory Optimization solutions can help advance and accelerate patient care programs and expanded expertise across the organization.



Enhancing your existing systems with the strategic interoperability of BD technologies unlocks more dynamic capabilities:

- Automatically highlight critical patient needs
- Reduce workflow conflicts
- Simplify operational and clinical workflows
- Optimize refill frequencies
- Minimize missing medications

PATIENTS COME FIRST

Focusing on what truly matters

You're dedicated to a high standard of care in your organization, as well as always maintaining compliance. But, there are often distractions that take time away from what matters most—your patients. Dealing with unproductive tasks—like searching for misplaced medications or trying to manage disparate formularies across isolated systems—can be both frustrating and stressful.

A recent study shows up to 38% of a nurse's time is spent on non-value-added activities: searching for medications that are unavailable, delayed documentation and unnecessary or redundant communication.⁶ These types of activities can be reduced through automated recommendations from BD HealthSight™ Inventory Optimization that can create repeatable workflows for you—removing the guesswork from everyday operations. When you implement inventory management from BD, you can help ensure medications are there when nurses need them.

Take your existing medication inventory management system to the next level with integrated, optimized solutions from BD. And free up more time to focus on all the critical responsibilities you have—in providing the best care for all patients.



Partnering with BD allows you to:

- Optimize medication inventory in both the pharmacy and care locations
- Improve coordination between teams
- Standardize formularies
- Reduce errors in medication distribution
- Invest more time on quality patient care

OPTIMIZING YOUR INVESTMENTS

One proven, connected solution

We've talked about freeing up more time to focus on important tasks. But you can also help productivity and efficiency between your central pharmacy and clinical staff, too. Even across multiple locations. By capitalizing on your existing investment in BD Pyxis™ cabinets

and then streamlining operations through additive BD inventory optimization solutions, the overall value in medication inventory management becomes a very strategic decision.

An Insightful, Connected Medication Management System

Inventory Management

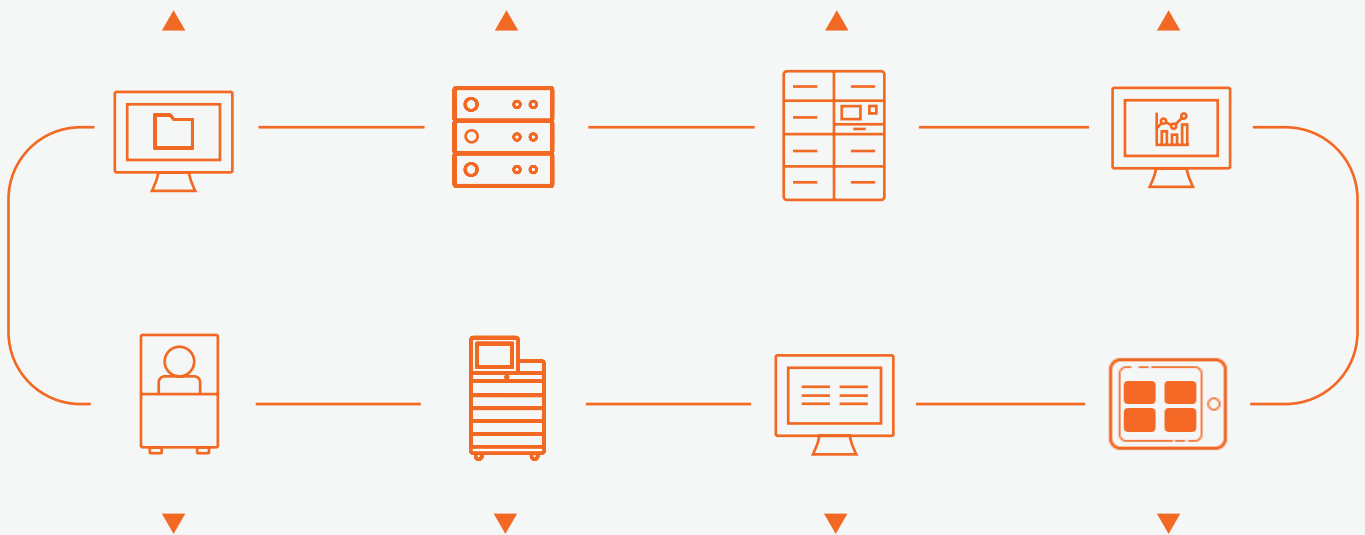
Software automates procurement of all medications in pharmacy
BD Pyxis™ Logistics

BD HealthSight™ Data Manager enables systems analytics and simplifies management workflows

BD Pyxis™ and CII Safe manages controlled substance PAR levels

BD HealthSight™ Inventory Optimization

Analytics provides PAR level analytics and enables automated PAR level management



Administered medication to patient

BD HealthSight™ Inventory Optimization Analytics provides PAR level analytics and enables automated PAR level management of inventory in BD Pyxis™ ES.

BD HealthSight™ Viewer indicates critical medication requirements

BD MedKeeper manages IV workflows

ASK SOME IMPORTANT QUESTIONS

One proven, connected solution



Ask yourself this:

If the answer to any of the following questions is “no,” BD can help optimize your inventory management— to remove roadblocks that can lead to pharmacy and clinical staff frustration.

- Do you have the ability to maintain formulary integrity on a consistent basis?
- Are you able to determine when and where shortage medications are available?
- Are you able to easily shift medications between floors or locations, so they can be most usefully allocated?
- Do you have easy access to historical medication usage data?
- Are you able to anticipate changes to supply volumes and facilitate inventory controls at the push of a button?
- Do you feel you could improve morale and satisfaction levels across your organization by creating fewer interruptions each day?

Talk to a solutions expert about how inventory optimization from BD can help streamline your operations.

Get Started

bd.com/smartmedmanagement

References

¹CS—001117. McCluskey, C. Medication Tracking System Improves Drug Delivery Times for Riverside Methodist Hospital. Wolters Kluwer Health: Pharmacy One Source case study.

²Malone, Daniel; Romero, Andrew. Accuracy of adverse-drug-event reports collected using an automated dispensing system. *Am J Health Syst Pharm.* 62(13):1375-80.

³Grissinger M. Sidetracks on the safety express: interruptions lead to errors and... wait, what was I doing? *P T.* 2015;40(3):145-190.

⁴CS—001066. Beyea, S. Interruptions and Distractions in Health Care: Improved Safety With Mindfulness. *Perspectives on Safety.* Published February 2014.

⁵Cerner Corporation. Cerner and CareFusion case study: The clinical benefits of CareAware enhanced dispensing. Hershey, PA: Pennsylvania State University, Milton S. Hershey Medical Center; 2014.

⁶C—0679. Allen, Stephanie PhD, RN. (2015). The Connection Between Nurses Working at Top of Licensure and Patient Care. *Infor Healthcare*

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