

Central Pharmacy Dispensing Service

Safer, more accurate, medication dispensing that frees pharmacists to focus on clinical care



Health system pharmacies want to optimize medication dispensing and inventory management across the continuum of care, but daily operational demands along with staffing limitations can make this goal seem unattainable, particularly when the effort is overrun with manual processes. An overreliance on staff for menial dispensing tasks can also breed inefficiencies that lead to stockouts, waste, and potential medication administration errors. Omnicell offers a better path forward with a combination of robotics, software, and services that automates manual dispensing tasks to reduce errors and waste, improve accuracy, and give valuable human resources more time to focus on patient care.

A Comprehensive Service to Accelerate and Sustain Value

Omnicell's Central Pharmacy Dispensing Service (CPDS) combines the XR2 Automated Central Pharmacy System with flexible service options to help hospitals improve medication safety, optimize operations, and elevate the role of pharmacy staff.

Technology

Robotics

The core of CPDS is the XR2 Automated Central Pharmacy System, an advanced robot that can be configured to meet the medication inventory and dispensing needs of any hospital. The XR2 automates critical workflows to maximize inventory control, improve efficiency, and increase patient safety. With fewer human touchpoints, the XR2 also frees pharmacy staff to focus on clinical initiatives. This innovative dispensing robot:

- Supports centralized and decentralized distribution models
- Decreases human error by leveraging 100% barcode scanning
- Reduces technician labor associated with dispensing medication
- Increases inventory turns
- Reduces the cost of expired medication waste by dispensing earliest-to-expire
- Provides real-time visibility to every dose and corresponding expiration date managed in XR2
- Continuous output dispensing to meet unique operational demands including 24-hour operations and conveyance



Smart Devices

Omniceil also offers several technology systems to complement CPDS and further enhance your central pharmacy efficiency. These include:

Carousels

The Omnicell Pharmacy Carousel uses vertical storage a retrieval technology to consolidate your medication footprint, saving time and space during picking and stocking operations.



Controlled Substance Management

The XT Controlled Substance Manager automates the management of controlled medications while providing full accountability of drug movement, saving valuable staff time, while helping to meet DEA, ISMP, Joint Commission, and other regulatory guidelines.



High-Speed Packagers

Omniceil's high-speed packagers ease the burden of repacking bulk oral solids. These devices package up to 60 unit doses per minute and support half-tablet and low-volume medications. Each unit dose package is labeled and barcoded to ensure accuracy.



Central Pharmacy Blister Packager

CPDS supports native manufacturer packaging, but there's often still a need to buy some medications in bulk. The Omnicell Central Pharmacy Blister Packager packages up to 120 doses per minute in a variety of configurations to achieve optimal unit dose packing efficiency.





Software

CPDS is powered by our Central Pharmacy Manager (CPM) software platform that provides real-time visibility to every dose and corresponding expiration date managed in XR2. The software supports “hub and spoke” distribution for both cartless and cartfill models and can scale to meet the needs of large centralized services centers. CPM also promotes consistent patient, user, and formulary information to help pharmacies streamline medication management processes.

Expert Services

CPDS is available in the following three options to support the specific needs of your central pharmacy.

		SERVICE OPTION		
		Core	Advanced	Premium
INCLUDED FEATURES	OmniceIl's XR2 Automated Central Pharmacy System	✓	✓	✓
	Central Pharmacy Manager Software	✓	✓	✓
	An optional dedicated robotic operator to oversee daily device performance and ensure on-time dispensing	✓	✓	✓
	OmniceIl's Inventory Optimization Service – an advanced intelligence layer that provides actionable analytics into all medication inventory levels across the health system		✓	✓
	Strategic service support from OmniceIl experts that includes change management, workflow design, performance management, custom reporting, and continuous improvement support			✓



75%

Less time pharmacists
spend on drug
distribution tasks*

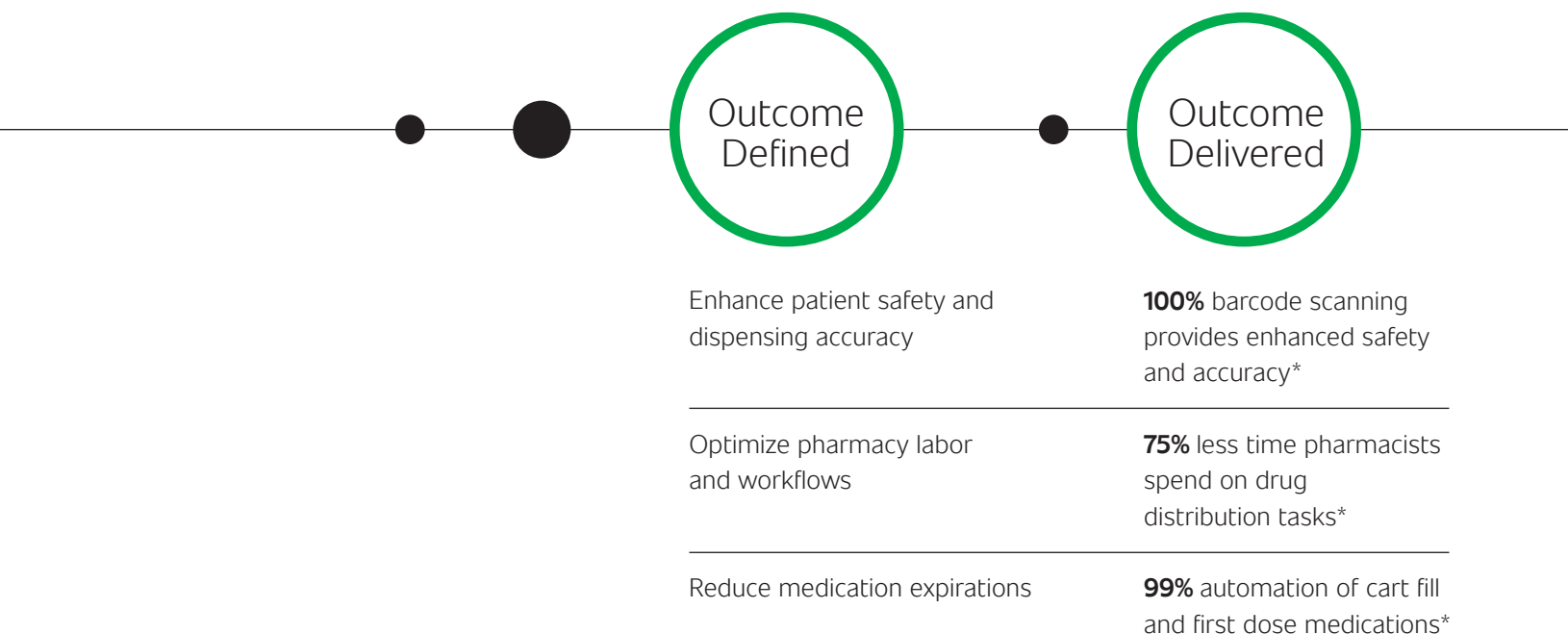
“Before XR2, 6 to 8 pharmacy techs would spend about 4 hours a day just picking meds. Now the process is much more efficient.”

Lea Mullins

AVP, Pharmacy Operations,
Ballad Health, Bristol Regional Medical Center

Move Toward the Autonomous Pharmacy with CPDS

Omniceil's CPDS can put your health system on a path to achieving the Autonomous Pharmacy – an industry-wide vision to automate key medication management processes to maximize safety, efficiency, and human potential while ensuring compliance and positive business outcomes.



*Based on Omnicell and customer analysis. Data on file.

Visit Omnicell.com/central-pharmacy-dispensing-service to learn more today.