

Central Pharmacy Dispensing Service

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



Central pharmacy is the medication dispensing hub of every hospital. Roadblocks that surface here impact patient safety, care, and clinical workflows throughout the health system. Omnicell automates manual dispensing tasks to reduce errors and waste, improve accuracy, and give valuable human resources more time to focus on the work that matters most — patient care.

A Comprehensive Service to Accelerate and Sustain Value

Omnicell's Central Pharmacy Dispensing Service (CPDS) is a subscription-based solution that combines advanced robotic technology, optimization software, and onsite and remote experts to reduce human error, automatically track and optimize inventory, and minimize dispensing discrepancies.

Technology

Robot

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
- 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



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 and 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 a sophisticated software platform that provides real-time visibility to every dose and corresponding expiration date managed in XR2. Our software helps control costs and drive efficiency by providing perpetual inventory management throughout the nursing floors, centralized service centers (CSCs), satellite pharmacies, and clinics. Analytics and dashboards help provide actionable insights, while connected intelligence shares the knowledge of Omnicell's entire customer network, helping you benchmark your performance against peers and establish best practices.

Expert Services

The expert service included with CPDS begins with our Account Teams and Clinical Consultants, who will work with you to customize the service to your specific needs. It also includes onsite and remote experts to run the system and deliver desired outcomes from week one. This expert support helps you avoid or quickly address potential technical issues, while accelerating your time to value and maximizing ongoing outcomes.





75%

Less time pharmacists
spend on drug
distribution tasks*

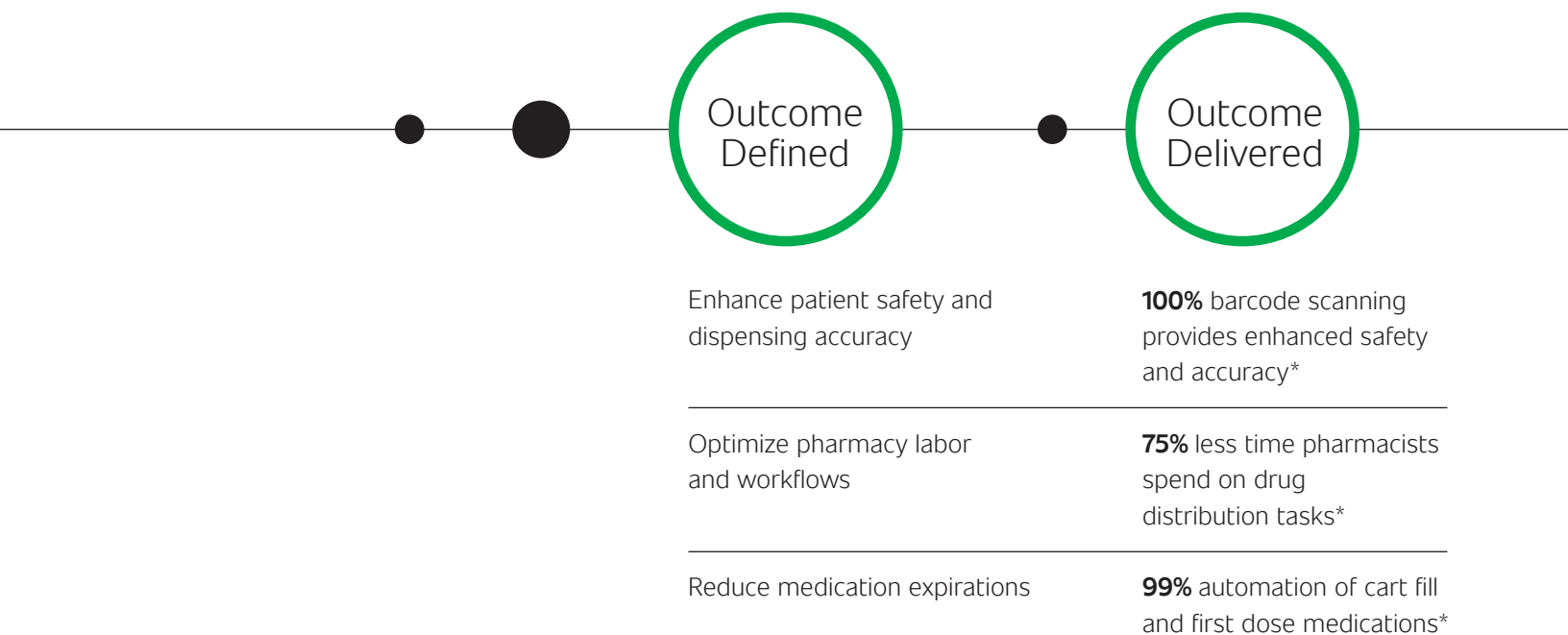
“Before XR2, 6 to 8 pharmacy techs would spend about 4 hours a day just picking meds. Now the process is much more efficient.”

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.