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New Omnicell XT Automated Dispensing Cabinet

Next Generation Cabinet Is Compatible with Earlier Systems

As the healthcare environment continues to change, health systems need technology that evolves to help them address new challenges. At the same time, they want new innovation that is not overly disruptive.

Balancing these goals was a key factor in introducing the new Omnicell® XT Series Automated Dispensing System, which launched at the ASHP Mid-Year Meeting in early December. With its expanded capacity, smart drawer designs, second-generation single-dose dispensing, and modern electronics architecture, the new Omnicell XT Automated Dispensing Cabinet supports safer, more efficient workflow.

Adding XT Cabinets to Existing Omnicell Systems

It’s easy to operate a mixed environment of the new XT Automated Dispensing Cabinets and those of previous generations such as G4.

Same server infrastructure—The new XT cabinets are compatible with your current G4 infrastructure. XT is powered by the Unity enterprise platform and uses the same OmniCenter® server setup and interfaces. The XT cabinets can simply be added onto your existing Omnicell network.¹

Same user interface—XT cabinets share the same software as G4 cabinets, so operating them is immediately familiar to end users. You can add XT cabinets without interrupting day-to-day workflow.

Bear in mind that the hardware and electronics infrastructure has been completely updated in the XT Series. Therefore, G4 and XT hardware cannot be combined within a par location. For example, you cannot add an XT auxiliary cabinet to a G4 main cabinet. Similarly, accessories like the new XT External Return Bin and XT FlexLock Refrigerator Lock and Temperature Monitor can only be used with XT cabinets.

Omnicell will continue to offer G4 auxiliary cabinets and drawers for a window of time to support expansion of existing G4 systems where needed.

Adding XT Cabinets to AcuDose-Rx Environments

Customers with legacy Aesynt AcuDose-Rx® Automated Dispensing Cabinets can add XT cabinets that operate with AcuDose-Rx software. The XT cabinets will run off the Connect-Rx® server and share the Connect-Rx formulary.

> Continues on next page

¹Server must be Windows 2012 or higher.
Similar to adding XT to a G4 environment, AcuDose-Rx and XT cabinets cannot be physically connected within a par location. For example, you cannot add an XT auxiliary cabinet to an AcuDose-Rx main cabinet. Omnicell will continue to offer AcuDose-Rx hardware units for a window of time to support expansion of existing AcuDose-Rx systems where needed.

Supporting Your Investment
Omnicell is committed to ensuring that customers get 10 years of useful life from their automated dispensing system investment. We will support your cabinets for 10 years from the date of purchase, regardless of which cabinet hardware you buy.

Innovation Philosophy Behind XT Series
Over the years, Omnicell has introduced unique innovations to our automated dispensing system, such as Anywhere RN™ and SinglePointe™, to improve workflow and enhance patient safety. In addition, we provide regular software upgrades—typically twice a year. Up to this point, the cabinet frame and electronic backbone have remained relatively unchanged.

Today, clinicians are rapidly adopting new technologies to address challenges, and Omnicell wants to keep pace. To continue to introduce inventions that improve the medication process and be able to integrate new and emerging technologies, a new approach to hardware was needed.

The Starbus electronics architecture in the XT Series marks a revolutionary design improvement that enables ongoing advancements. In adopting this technology, we took the opportunity to redesign the cabinet from the ground up, based on input from clinicians.

WHAT’S NEW WITH XT CABINETS
- 30% more capacity² helps reduce stockouts and optimize inventory
- Larger, high-performance touch screen speeds transactions
- Brighter Guiding Lights are visible in virtually any environment
- New Controlled Substance Dispenser provides automated single-dose dispensing with greater accuracy and efficiency
- New drawer designs accommodate nearly all dosage forms
- Sturdier shelf bins in more flexible configurations and new IV shelf tray help to optimally organize inventory
- Ability to easily add/swap drawers on-site to adapt to changing needs
- Modern Starbus electronics architecture supports wireless accessories and future innovations

LEARN MORE
To learn more about the Omnicell XT Automated Dispensing Cabinet, visit the XT cabinet web page, see the “Space Optimization and Do-it-Yourself Cabinet Videos” article in this issue, and watch the video below. Contact your Omnicell representative to schedule a demo.

²Up to 30% more capacity than Omnicell G3 and G4 cabinets and up to 50% more line item capacity compared with similar units on the market
Reduce Cost and Enhance Safety by Insourcing IV Compounding

New Service Combines Technology, Tools, and Staff

Only a few years ago, the IV compounding world was shaken by a contamination that killed dozens and sickened hundreds. The response was swift: regulators stepped in, non-conformities were found, quality control became paramount, and heightened concern swept the industry.

At the same time, increasing pressure on healthcare institutions to control increasing drug costs became acute as reimbursement mechanisms and amounts changed.

Despite these events, according to the 2016 State of Pharmacy Compounding from PP&P, 69% of health systems still rely on outsourced vendors to meet at least some of their IV compounding needs. Why would this many hospitals and health systems outsource this critical task and pay approximately three times the cost compared to insourcing?

The short answer is that insourcing IV compounding has its own set of challenges—primarily ensuring doses are prepared safely and accurately while complying with increasingly complex regulations. For some hospitals and health systems, these challenges have been deemed too much, and they are willing to pay a significant premium to outsource. Now there’s an alternative without these trade-offs.

Turnkey Approach to Insourcing

At Omnicell we’ve created a comprehensive, turnkey approach to insourcing sterile compounding called RIIS (Robotic IV Insourcing Solution). We provide our advanced IV robotic technology, novel data services and applications support, and expertly trained pharmacy technician staff—essentially creating a compounding service in your pharmacy for a simple monthly fee, at a fraction of your outsourcing spend.

No Capital Investment Required

The beauty of RIIS is that it’s cash flow positive from the start, and provides everything you need to insource your IV compounding operation with no up-front capital expense.

Safe and Accurate Compounding

The safety benefits of RIIS come through advanced IV robotic technology that prepares ready-to-administer IV doses in a fully automated ISO Class 5 environment. This technology:

- Eliminates the most common sources of contamination
- Provides drug verification and documentation
- Delivers exceptional accuracy
- Reduces errors through automated labeling

With RIIS, leveraging advanced IV robotic technology is easy. Omnicell can provide everything you need to insource your sterile compounding, creating a safer, more accurate and more cost-effective IV pharmacy.

To learn more, contact your Omnicell representative or visit the RIIS web page.

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3 Results from the 2013 ASHP National Survey: The Current State of Pharmacy Practice in Hospitals presented at the 2013 ASHP Midyear Clinical Meeting; Aesynt analysis of pre-mixed, frozen premixed, and add-a-vial systems, March 2014.
Medication Synchronization and the Appointment-Based Pharmacy Model

Pharmacies Grow Business While Improving Patient Outcomes

With 92% of Americans living within 5 miles of a community pharmacy, pharmacies offer unparalleled access to care. Community pharmacists have been shown to reduce unplanned hospital readmissions by up to 50% through medication reconciliation and other services.

To fulfill their potential, pharmacies need to move beyond transaction-based prescription filling models to patient-centered care. A key way to achieve this is by adopting the appointment-based model (ABM) using measurable medication synchronization solutions. Through our recent acquisition of Ateb, Omnicell now offers Time My Meds®, the leading software platform for medication synchronization.

Importance of Medication Synchronization

Imagine you are a patient who has multiple chronic conditions—perhaps diabetes, hypertension, and heart disease. You have multiple prescriptions from different doctors with different refill dates. Therefore, you must go to the pharmacy—or pharmacies—a few times each month to pick up your medications with little if any interaction with the pharmacist.

Medication synchronization provides a better approach. It is the process of coordinating multiple prescriptions to be picked up at the same time each month. Synching medication refills is often the first step in building an adherence program and taking more ownership in patient care and outcomes.

With this model, patients come in for a sit-down consultation when picking up the medications, which enables the pharmacist to address non-adherence and other medication-related issues. Pharmacies that proactively intervene with patients have increased adherence rates above 80% measured as proportion of days covered (PDC).

Medication synchronization also allows pharmacists to offer patients multi-medication adherence packaging, such as SureMed® by Omnicell, that organizes the patient’s medications by time of day and day of the week. The cards typically contain 31 days’ worth of medication, so synchronized refill dates makes it more feasible to fill them.

Benefits to Patients and Health Systems

For patients, the ABM and medication synchronization provide greater convenience and promote better health outcomes through improved management of the patient’s medication regimen. These benefits carry over to the health system by helping to reduce hospital and emergency department visits.

Benefits to Pharmacies

For pharmacies looking to differentiate themselves and grow their business, adopting the ABM reaps many rewards:

• Acquiring new patients and increasing scripts of current patient base, leading to increased revenue
• Improving quality performance measures (PDC scores) and medication adherence
• Attracting health systems and health plans focused on outcomes
• Laying foundation for additional paid services, such as immunization
• Streamlining pharmacy operations through planned refill appointments vs. multiple random dispenses
• Satisfaction of having a greater stake in patients’ health quality

To learn more about Time My Meds and other medication adherence solutions, contact your Omnicell representative.

Watch this video for a pharmacist perspective on Time My Meds.

Up to 30% of prescriptions are never filled and 75% of patients do not take prescribed medications as directed.4,8

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4 http://www.nacds.org/pdfs/pr/2012/3_28_SASC_TRICARE_comments.pdf
6 Centers for Disease Control presentation, Medication Adherence
15.0 Software Release for OptiFlex Supply Systems

Improve the Way You Manage Medical Supply Inventory

If you are using our OptiFlex™ system to improve management of medical supplies at the point of care, you’ll be pleased to learn about the 15.0 OptiFlex software released in December.

OptiFlex Enhancements

The Surgical Services (SS) module was completely updated:

• New look for case usage capture
• Additional item details available during a case
• Real-time inventory adjustments

Additional features that apply to all OptiFlex modules include:

• Updated mobile app with cross-referencing and two-bin Kanban ordering
• Over a dozen enhancements that include new OR and Total Touch windows and eight updated reports

The latest OptiFlex software can increase efficiency and provide additional data to help manage costs. The software release is complimentary for customers on a current service plan. However, upgrading to a more recent version of software may mean that servers and other technology will need to be updated to effectively run the solution. Feel free to discuss these issues with your local Omnicell representative.

End of Life for Earlier Software Versions

Omnicell has previously announced end of life for older OptiFlex software versions, which means support will no longer be provided after certain dates. In November 2016, end of support was announced for OptiFlex 11.1 and 11.2 software. The end of support dates are as follows:

• OptiFlex 11.1 – March 31, 2017
• OptiFlex 11.2 – March 31, 2018

Learn More

To learn more about the 15.0 software release, log on to myOmnicell.com, the customer portal, and click on this link (or copy and paste it into your browser).
Space Optimization and Do-It-Yourself Cabinet Videos

Our Education and Training team has developed a number of useful videos related to our automated dispensing cabinets that you can access via myOmnicell.com, our customer portal.

**XT Automated Dispensing Cabinet Space Optimization**
This 6-minute video introduces you to the Omnicell XT Automated Dispensing Cabinet with a focus on optimizing inventory. The XT cabinet includes seven new drawer types designed to make dispensing medications faster, easier, and safer. The video shows examples of medication dosage forms particularly suited to each drawer type. New shelving accessories that improve the way medications are organized, such as the IV shelf tray, are also shown. Finally, the video covers reports that can be especially useful in optimizing space in the cabinet.

**Do-It-Yourself Maintenance Videos**
Over 20 short videos for Omnicell G4 and XT cabinets are now available to help healthcare facilities with maintenance and troubleshooting. These short videos (typically 2 to 3 minutes) cover topics such as replacing the battery, cleaning and replacing the filter, and installing a scanner. They are intended to aid customers on the Assist Care service level.

Access Via Customer Portal
Current Omnicell customers can access these videos by logging on to myOmnicell.com and visiting the Training page, where you will see a Videos tab. (If you have trouble with these links, copy and paste the links into your browser).

11 Years of KLAS Leadership

In November 2016, Omnicell once again garnered top honors from KLAS for multiple products.11 KLAS is an independent healthcare research firm that uses ratings from thousands of healthcare providers to determine the top-performing technology vendors.

**Best in KLAS Award**
We earned the Best in KLAS designation for Automated Dispensing Cabinets. This award marks the 11th consecutive year that Omnicell has been recognized as the top vendor for this market segment by KLAS.

Of all the products KLAS assessed for the Pharmacy Automation Equipment rankings, Omnicell Automated Medication Dispensing Cabinets received the highest score.

**Category Leader Awards**
The Omnicell WorkflowRx Carousel received the Category Leader distinction for the 7th year running for Medication Carousels. ROBOT-Rx® received Category Leader for Robots (Oral Solid). These are the highest KLAS awards given in these market segments.

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Imagine having the confidence of knowing that a medication was actually administered to the patient—in the right dose and time period—rather than simply knowing it left the dispensing cabinet. Determining this information often requires tedious analysis of data from multiple systems.

With our new Closed-Loop Dose Accountability solution for Epic EHR users, there is a much easier way. This solution automatically identifies variances between medications dispensed from the cabinet versus medications documented as administered and/or wasted in the Epic system.

**Benefits include:**
- **Accountability**—Increased vigilance of controlled substances
- **Efficiency**—Saves nurse and pharmacy time spent manually tracking variances
- **Compliance**—End of shift report identifies outstanding waste for nursing

Closed-Loop Dose Accountability is also available for the Siemens Med Administration Check™ system, and Omnicell is developing this capability with other EHR systems, as part of our growing interoperability offering.

For customers that have Closed-Loop Dose Accountability, the latest version of Omnicell Analytics (21.0) also includes the administration amount on the Patient Care Time Line, along with issue, return, and waste information in a single view. While investigating a user of interest for potential drug diversion, patterns of late or missing administrations may be identified and considered suspicious behavior.

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**New Auto-Assignment Feature in SinglePointe Saves Pharmacy Time**

If you’re using SinglePointe™—Omnicell’s unique software for managing patient-specific medications—life just got a little easier for your pharmacy staff. SinglePointe automatically assigns each patient’s medications to the automated dispensing cabinet, where they are stored in a patient-specific bin. With Omnicell’s 21.0 software release, the smart software can now be configured within the OmniCenter® server software to automatically assign locations based on medication type:

- Controlled substances and high-value items are automatically assigned to secure metal locking lid drawers
- Medications requiring refrigeration are automatically assigned to refrigerators

This new functionality eliminates the manual assignment of medications to a given location and provides greater inventory control. Patient-specific bin auto-assignment is set per item. Two new settings, Refrigeration and Locked Bin, have been added to the Items table.

- For control levels 2, 3, 4, and 5 items, Locked Bin is selected by default.
- For mix items, if any component needs refrigeration or a locked bin, the mix item is flagged appropriately. If an item has both settings checked, the refrigeration setting overrides the locked bin.

These settings are recommendations only, and can be selected or de-selected for any item.
Diversion Central—Valuable Resources to Keep Your Hospital Safe

The effects of diversion are serious and far reaching. Understanding what you can do to stop diversion will help reduce the risk to both your healthcare facility and your patients.

Omnicell continuously updates our web page www.DiversionCentral.com with materials to help you take control of drug diversion. Following are the latest resources:

Webinar: “Best Practices to Proactively Monitor Diversion”

eBook: “How to Develop a Proactive Program to Stop Drug Diversion”

You can also read our latest posts on diversion via our Transform Healthcare blog.

Save the Date

We invite you to join our May 10 webinar on diversion prevention, presented in collaboration with the Scottsdale Institute. Led by diversion expert Kimberly New, JD, BSN, RN, discussion will include:

- The impact of controlled substance diversion in hospitals
- How to identify primary diversion methods in the pharmacy and nursing units
- Review of advancements in technology and experience from a customer’s perspective
- Top 10 ways to help prevent drug diversion and how to create diversion monitoring policies

Registration will open two months prior to the webinar and can be accessed on the home page of the Scottsdale Institute or the Value-Based Care Collaborative page.
Conferences

Omnicell participates in many conferences throughout the year. Some key meetings are listed below. We hope you can join us at an upcoming event!

**National Community Pharmacy Association (NCPA) Multiple Locations Conference**
February 15–19, 2017
San Diego, CA

**Health Information and Management Systems Society (HIMSS) Conference & Exhibition**
February 19–23, 2017
Orlando, FL

**Pharmacy Development Services (PDS) Super-Conference**
February 23–25, 2017
Orlando, FL

**Patient Adherence and Engagement Summit**
March 21–22, 2017
Philadelphia, PA

**European Association of Hospital Pharmacists (EAHP)**
March 22–24, 2017
Cannes, France

**American Pharmacists Association (APhA) Annual Meeting & Exposition**
March 24–27, 2017
San Francisco, CA

**American Organization of Nurse Executives (AONE)**
March 29–April 1, 2017
Baltimore, MD

**Computer-Rx Idea Exchange Conference**
March 31–April 1, 2017
Oklahoma City, OK

**National Association of Chain Drug Stores (NACDS) Annual Meeting**
April 22–25, 2017
Scottsdale, AZ

**American Associated Pharmacies (AAP) Annual Conference**
April 27–29, 2017
Kissimmee, FL

Training

Omnicell offers a variety of practical, interactive training opportunities—virtual, online, and classroom—for our customers. Our goal is to help you derive the maximum benefits from your Omnicell systems.

**New Online Courses Available**

**21.0 Omnicell Point of Use Release Overview:**
In this 12-minute recording, you will learn about new features and enhancements to the point-of-use product line in the Omnicell 21.0 release.

**21.0 Pick Verification in Central Pharmacy for Pharmacy:**
In this 15-minute course you will learn to verify medication picks in 21.0 Central Pharmacy Manager. You will learn about the picking verification queue and the scan verification process.

**15.0 OptiFlex Surgical Services for Nurses:**
In this 40-minute course you will learn to manage supply items for surgical cases using the fully redesigned 15.0 OptiFlex Surgical Services (SS). You will learn to issue Items, Special Items, and Lot and Serial Items as well as learn to add temporary patients and return/waste items.

To access online training courses, customers can log on or register for myOmnicell here (or copy and paste the link into your browser).

**Continuing Education (CE) Courses**

In 2016, over 3,700 students from over 1,200 healthcare facilities earned CE credit by taking the following course, offered at no charge by Omnicell and available through HealthStream:

**The Medication Administration Process—How Technology Can Help Improve Patient Care Within the Acute Care Environment**

This one-hour online course addresses how technology can affect the clinical workflow between nursing and pharmacy, impacting not only healthcare provider efficiency but also provider satisfaction, patient care, and patient outcomes.

Learn more and register