SUCCESS STORY



Streamlining Medication Management: APS CustomizesThermal Printers for Omnicell XT Cabinets

APS partnered with Omnicell to develop custom-built thermal printers for their XT Automated Dispensing Cabinets (ADCs). This solution enhances medication management efficiency, ensuring accurate labeling and tracking to improve patient safety and streamline workflows in healthcare settings.

THE CHALLENGE

Omnicell required two custom thermal printers with built-in controller boards and cutters to integrate into their XT Automated Dispensing Cabinets (ADCs). These printers needed to facilitate fast and accurate printing of medication details—such as patient information, medication type, and dosage instructions— on both labels and receipts. The solution had to support seamless, reliable performance to streamline medicationadministration andtracking, while complyingwithstricthealthcare regulatory standards.

THE SOLUTION

APS developed two custom thermal printers, the CP 2" 12V and CP 3" 12V, tailored for seamless integration into Omnicell's XT Automated Dispensing Cabinets. These printers enable fast, accuratelabel and receipt printing, improving workflow efficiency and reducing human error. With built-in controller boards and cutters, the printers produce durable, high-quality labels that remain legible in various conditions. They also support barcode and RFID tracking for real-time inventory management, ensuring regulatory compliance and enhancing patient safety.

THE RESULT

The collaboration between APS and Omnicell resulted in a customized thermal printing solution that significantlyimproved thefunctionalityofOmnicell's XT AutomatedDispensing Cabinets. The integration of the CP 2" and CP 3" printers streamlined medication management workflows, enhanced inventory tracking, and improved regulatory compliance. Most importantly, the solution contributed to increased patient safety by ensuring accurate and timely labeling of medications. This partnership exemplifies APS's ability to deliver custom, high-performance solutions that meet the evolving needs of the healthcare industry.



«APS thermal printers are an essential component of our solution. We are glad to have selected them for a taylor-made solution»

Lucas KOVIN – Product Manager at OMNICELL

THE BESPOKE THERMAL PRINTER

APS developed two tailor-made printers—the CP 2" 12V and the CP 3" 12V—which were specifically designed to meet Omnicell's requirements for their XT cabinets.



KEY FEATURES OF THE SOLUTION

1.**Improved workflow and time-saving**: Nurses and pharmacists can print labels and receipts directly from the XT cabinets, eliminating the need to visit separate printers. This speeds up medication dispensing and reduces staff workload in high-pressure healthcare environments.

2.**Minimized human errors**: By automating the printing process, APS's printers reduce the risk of manual errors. Medication details are printed accurately, improving patient safety by ensuring proper labeling without the risk of handwriting mistakes.

3.**Durable and high-quality prints**: The CP 2" and CP 3" printers deliver high-resolution, smudge-free labels that can withstand exposure to environmental factors like moisture and temperature variations, ensuring that critical information remains legible throughout the medication administration process.

4.**Inventory management**: The labels printed by APS's printers can include barcodes or RFID tags for an enhanced inventory control. This allows healthcare facilities to monitor medication usage in real-time and maintain accurate stock levels, preventing shortages or excessive inventory.

5.**Compliance with regulatory standards**: The printers ensure compliance with healthcare regulations for medication labeling, such as FDA requirements. Clear, accurate labels help hospitals and pharmacies meet stringent labeling standards consistently.

6.**Enhanced patient safety**: APS's fast and accurate labeling supports a closed-loop medication administration process, reducing the risk of medication errors. This ensures that the right medication is administered to the right patient, improving overall patient care.

Omnicell

ABOUT OMNICELL

Omnicell is a leader in healthcare technology, delivering integrated solutions that streamline pharmacy care delivery. Their portfolio includes robotics, smart devices, software, and expert services designed to optimize costs, labor, and efficiency across both inpatient and outpatient care settings. With a focus on supporting evolving care models, such as centralized pharmacy operations, Omnicell helps health systems achieve their operational and clinical goals while improving patient outcomes.

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