

What is the Continuum® VaultEx Cabinet System?

The Continuum® VaultEx Cabinet system is a real-time inventory management and charge capture solution that uses Ultra-High Frequency Radio Frequency Identification (also known as RAIN RFID) to manage Durable Medical Equipment (DME) and supplies. VaultEx Cabinet has a secure digital chain of custody that links the patient to the product supporting accurate billing of products. VaultEx Cabinet can be used as a single cabinet or expanded to connect up to three additional auxiliary cabinets.

How it Works:

The Continuum® system integrates with the healthcare systems Electronic Health Records (EHR) to capture patient financial and demographic information as well as electronic prescriptions, when available. Through DeRoyal's patented digital chain of custody, clinicians know when products are removed or returned to the VaultEx Cabinet. The clinician can assign a product to a patient, which initiates the billing process. Products contained in the VaultEx Cabinet are labeled with RAIN RFID tags, which may contain all pertinent UDI data such as the product part number, name, expiration date, lot number, serial number, and HCPCS codes.

All Continuum® RFID controls and software are embedded directly into the VaultEx Cabinet. Updates are centrally managed by the Continuum® System's Cloud and installed silently with minimal interruption to user.

RFID Features:

The VaultEx Cabinet is equipped with a small RAIN RFID reader that complies with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communications Commission ("FCC") Regulations.

Display & Input:

Clinicians (and other designated professionals) interact with the Continuum® System VaultEx Cabinet by using a touchscreen monitor and/or approved tablet. When more than one cabinet is connected, one touchscreen monitor on the main cabinet will report real time inventory, quantity, and products in clinical custody for all connected cabinets.

System Integration:

The Continuum® System integrates with hospitals EHR system using industry standard protocols. Patient information is received over a standard HL7 interface running on a virtual server within the hospital network, parsed and stored securely in the Continuum® System Cloud.

Connectivity & Communication:

The VaultEx Cabinet uses a 10/100/1000 Ethernet connection and connects directly to the existing network using DHCP, or it can connect using static IP addresses. The Vault requires connectivity to the Continuum® System Cloud via standard HTTPS ports.

All communication is end-to-end encrypted.

Power:

The VaultEx Cabinet draws power from an APC battery backup that uses a standard IEC C13 cable plugged into a standard AC outlet. Emergency generator back-up power (Red Plug) is recommended.

Capacity:

The Continuum® System VaultEx Cabinet has internal dimensions of 70" High X 49.5" Wide X 24.75" Deep. VaultEx Cabinet provides 49 cubic feet of configurable storage.



Continuum® System RFID VaultEx Cabinets
Exterior Dimensions = 79.5"H x 54.75"W X 31.5"D
Door Swing Clearance = 61" from back of cabinet to open door