What is the Continuum® AIR™ System?

The Continuum® AIR™ System is a handheld Radio Frequency Identification (RFID) scanning device that works in conjunction with the Continuum® System App on a tablet device. The Continuum® AIR™ System counts RFID-tagged items when received, scans existing inventory levels and captures supplies dispensed to patients enabling a quicker and faster process. The AIR™ System has the ability to link patient, product, and cost, in addition to actively assisting in accurate billing of products.

AIR™ Handheld RFID scanning device and tablet running Continuum® System App

How it Works:

The Continuum® AIR™ System uses an ADT Interface to associate products to a specific patient. RFID-tagged products are received and inventoried by the scanner. The tablet captures data from the RFID-tagged product displaying the product name, expiration date, and lot and serial numbers. Accurate tracking of consumption is available as the product is assigned to the patient via the tablet.

RFID Scanner:

The Continuum® AIR™ System is comprised of a Zebra RFID scanner that connects to a tablet via Bluetooth. The scanner dimensions are 5.1"H x 3.1"W x 7.3"L and weighs approximately 15 oz. The scanner has three input buttons and a trigger making it user friendly. Read rate for the scanner is approximately 30 items per second with a nominal read range of 20+ ft. RFID scanners are provided by DeRoyal. The customer is responsible for supplying a compatible tablet.

Tablet:

The AIR™ System uses a customer provided Apple® iPad® mobile digital device classic or mini running on iOS® 12.1 and newer.

Systems Integration:

The Continuum® System can integrate with hospital electronic medical records (EMR) systems using HL7 interfaces. Patient information is received over a standard ADT interface that runs on a virtual server within the hospital network. Data is parsed and stored securely in the Continuum® System Cloud.

Printing:

Continuum's App employs Apple's AirPrint® software feature for printing documents supporting product dispensing for patients. The AirPrint® software feature is an Apple® technology that helps users create full-quality printed output without the need to download or install drivers. If unable to utilize the AirPrint® software feature, there are other solutions available to satisfy document delivery. Please refer to this Apple support page for a list of AirPrint® software feature enabled printers and print servers. https://support.apple.com/en-us/HT201311

E-Mail Configuration:

To send an electronic copy of documentation (Proof of Delivery) signed via the Continuum® System, users can utilize iOS's native e-mail application to send the e-mail containing the signed documentation. The Continuum® System App redacts all PHI before sending documentation. The end user will need to create an email address such as dme@providerhospital.org or do-notreply@providerhospital.org for this process that will only be used for sending documentation.

Charging and Storage:

Tablets can be charged with the charging cable provided by the manufacturer. RFID scanners will be delivered by DeRoyal with a dock charging stand. Scanners will be stored and charged in the stand while not in use.