



Providing a targeted approach to strategic technology implementation.

RFID in the Hospital

From admissions and administration, through points-of-care to managing equipment and supplies, an RFID solution provides an efficient, cost effective, information system to support better healthcare practices and patient care. RMS Omega has more than 15 years of experience to help you develop a package of RFID software, tags, printers and readers that are the best for your operations. RFID can have many applications in healthcare, most notably it can be used to for positive patient identification, accurate patient charging, and inventory control.

Accurate Patient Charging

Track, trace and account for all supplies and materials used for each patient with RFID technology. With an accurate patient charging system, patients are billed correctly, and hospital materials and inventory are properly accounted for. With RMS Omega's RFID system, each hospital room is equipped with an RFID antennae or portal to keep track of supplies and medical items used for each patient.

Medical supplies are labeled with an RFID tag and scanned at the doorway to each patient room. When the item is read by the reader, it is accounted for in inventory and tied to the patient for accurate billing. All items used on a patient during their stay are automatically captured without the nurses or techs having to manually account for them.

RMS Omega's RFID system eliminates manual data entry for nurses, saving time, increasing accuracy and allowing for better patient care.

Positive Patient Identification

With RFID technology, a line of sight is not required to scan and collect patient data. Nurses can quickly scan and identify a patient without adjusting or disturbing them regardless of their position or orientation.

Use RFID wristbands to identify patients in the OR, NICU, and ICU and verify patients through blankets, clothing, incubators, or drapes.

RFID-enabled wristbands and ID cards allow hospital staff to accurately track and identify patients throughout the hospital. Ideal for positive ID in the NICU, ICU, OR, or Emergency Department.



Expanding the Use of RFID Throughout the Hospital

In the Operating Room:

Use RFID in the OR to track surgical equipment, supplies, and materials and provide positive identification for patients under drapes or blankets.

In the NICU & Pediatric Units:

RMS Omega's RestEasy RFID system allows you to positively identify infants in the NICU without having to un-swaddle or wake them. Using a comfortable, adjustable RFID infant ankle band, the RFID reader can read through an incubator or swaddle blankets while eliminating the potential for the scanner beam to get in baby's eyes.

In the Emergency Department:

Patients receive an identification card containing an RFID chip when checking in. Patients are then easily identified, tracked and accounted for as they receive care.

Additional Uses:

- Specimen tracking & labeling
- Inventory control
- Asset tracking
- Medical device tracking
- Document & data file tracking
- Medication verification
- Surgical instrument tracking





The Total Solution: Hardware, Software, Services & Support

RFID helps you to track the tools you use more accurately, use them more efficiently, and manage them more effectively. Working with RMS Omega gives you access to the total solution. We provide RFID readers, printers & encoders, software, tags, wristbands, labels, supplies, portals, antennas, & services.

RFID Readers:

Let RMS Omega help you select the right RFID antennas as well as fixed or handheld readers based on your application and budget. Mount fixed readers to specific locations or utilize handheld readers for on the go data collection.

RFID Printing & Encoding:

Print and encode a variety of UHF radio frequency identification smart labels for a number of applications, including healthcare specimen smart labeling, item-level tagging and more. Choose from high or low volume printers based on your needs.

RFID Software Applications:

Track items as they move through gateways and instantly transmit data back to hospital EHR systems.

- Automated Check-In / Check-Out of items
- Track when employees come and go
- Trigger an alarm when something leaves that shouldn't
- Quickly see what's in an area or room
- Know when something is missing
- See if an item is where it is supposed to be

UHF RFID Inlays & Tags:

Print and encode a variety of UHF radio frequency identification smart labels for a number of applications, including healthcare specimen smart labeling, item-level tagging and more. Choose from high or low volume printers based on your needs.

Professional Managed Services

We want to make sure you fully understand how to use your hardware, software, and technology systems to get the most out of your investment. Let us be your one point of contact - Get the help you need when you need it.

RMS Omega's Professional Services Department provides:

- Authorized Repair Services
- Technical Support & Training
- Wireless Network Installation & Optimization Services
- Device Staging & Configuration
- Managed Services for Printing, Supplies, & Mobile Devices
- Project Management & Consulting

