

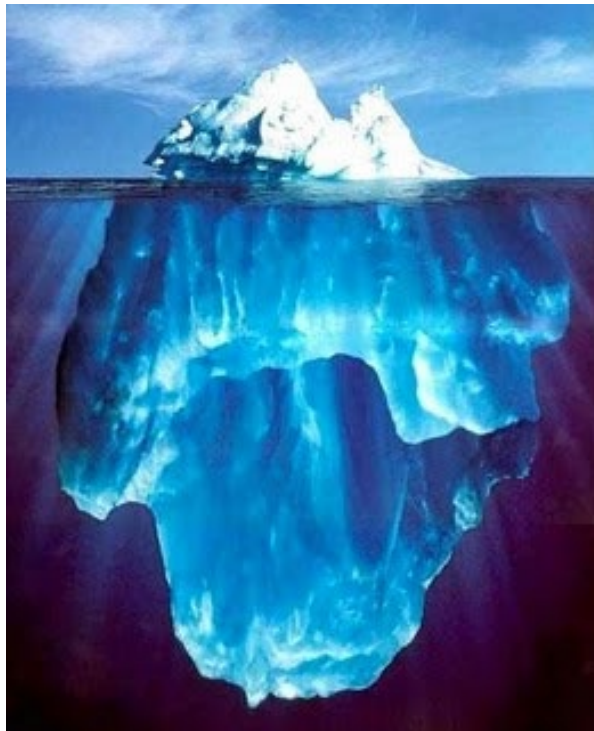
Using RAIN RFID Technology to Achieve Data Driven Supply Management & Cost Savings

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Global Medical Device Industry: worth ~ \$500 billion



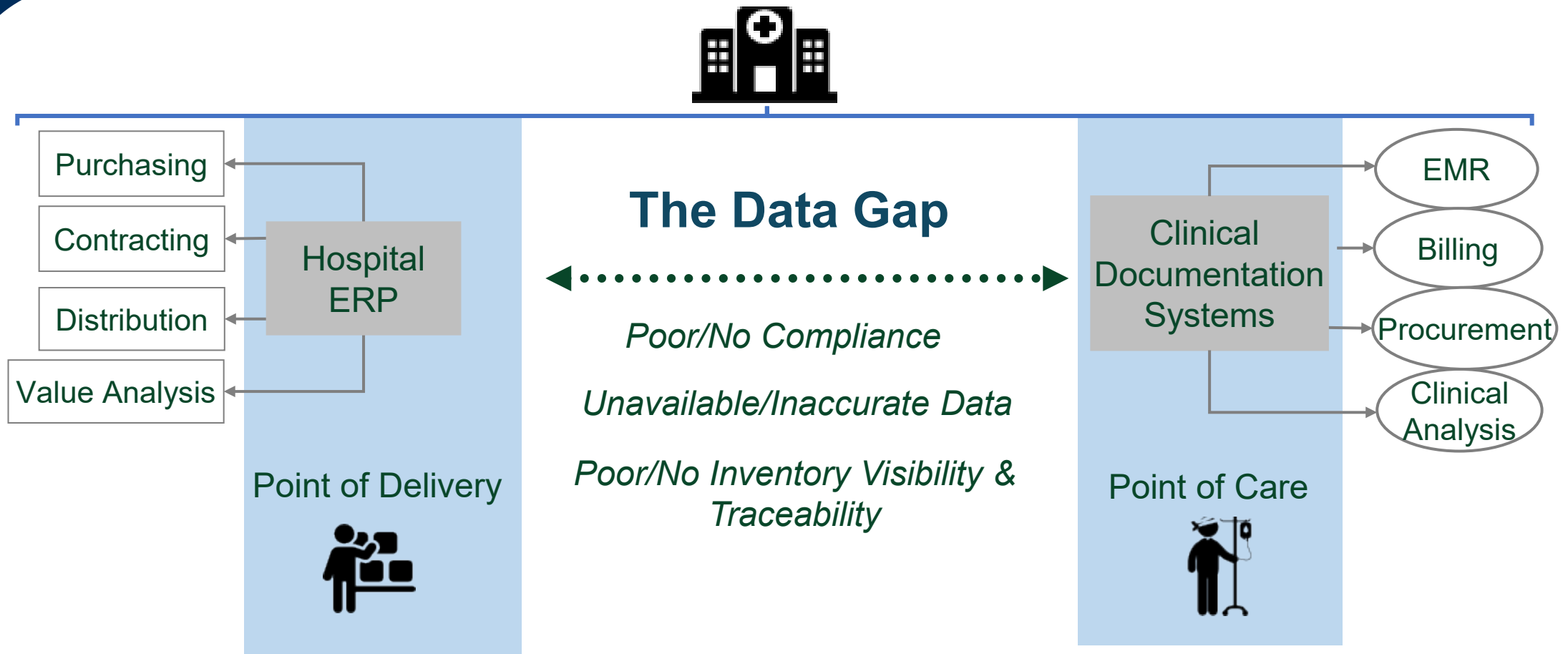
Inventories are poorly managed & not tracked

- any breakdown in the supply chain affects patients directly.

Dollar share of products NOT tracked or accounted for by most hospitals

- Bloated inventory >20%
- Excess purchases >15%
- Waste levels >20%
- Missed charge capture >18%

Lack of Communication – The Data Gap



Common Inventory Pain Points

Operational & workflow impediments:

- *Stock-outs & hoarding*
- *Lack of visibility on availability and location*
- *Lack of status on expiration or recall*
- *Manual entry at the point of care*
- *Missing item numbers or billing codes*
- *Incorrect, incomplete or missing orders*

Lack of actionable reporting and analytics:

- *Limited data available*
- *Inconsistent across an IDN*
- *Difficult to mine*

International Heart Institute at Loma Linda University Health (LLUH)

- Academic Medical Center
- Part of a 6 hospital system
- >1.5 million annual outpatients
- Covers >25% of California

- Approximately 37k SKU's valued at approximately \$16.5 million



Munson Healthcare

- Part of an 8 hospital system
- >1 million annual outpatients
- Covers 29 counties in Northern Michigan

- Approximately 7k SKU's valued at approximately \$3.8 million



VueTrack-RF: VueMed's RAIN RFID Solution

Why did LLUH and Munson choose VueTrack-RF?

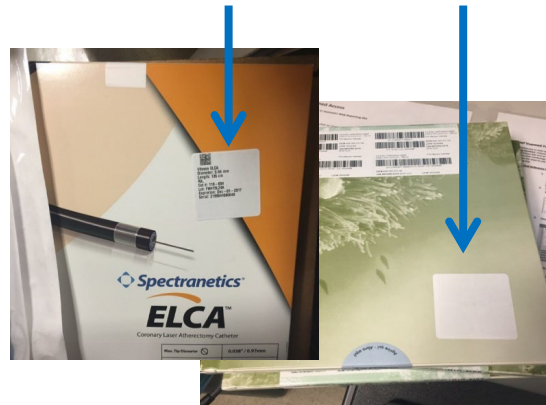
1. Uses UHF RFID readers, zonal and steerable antennas, and GS1 Gen 2 passive UHF RFID tags that continuously and automatically track the movement and location of all tagged supplies.
2. Hands-free with little to no human intervention required.
3. No costly specialized RFID cabinetry required.
4. Turns any space or room in the hospital (procedure room, supply room, dock, hallway) into an RFID-controlled area with full visibility of on-hand inventory items and their movements.
5. Reports live and in real time all inventory transactions with 99.5% accuracy.
6. Captured UDI data enables IHI to identify and track devices throughout their life cycle, from point of entry in the hospital to point of care in a patient procedure.
7. Standards-based, easy-to-scale, and enables transparency and the full chain of custody for all items.

UDI-Compliant, Hands-Free, Automated RFID Tagging Solution

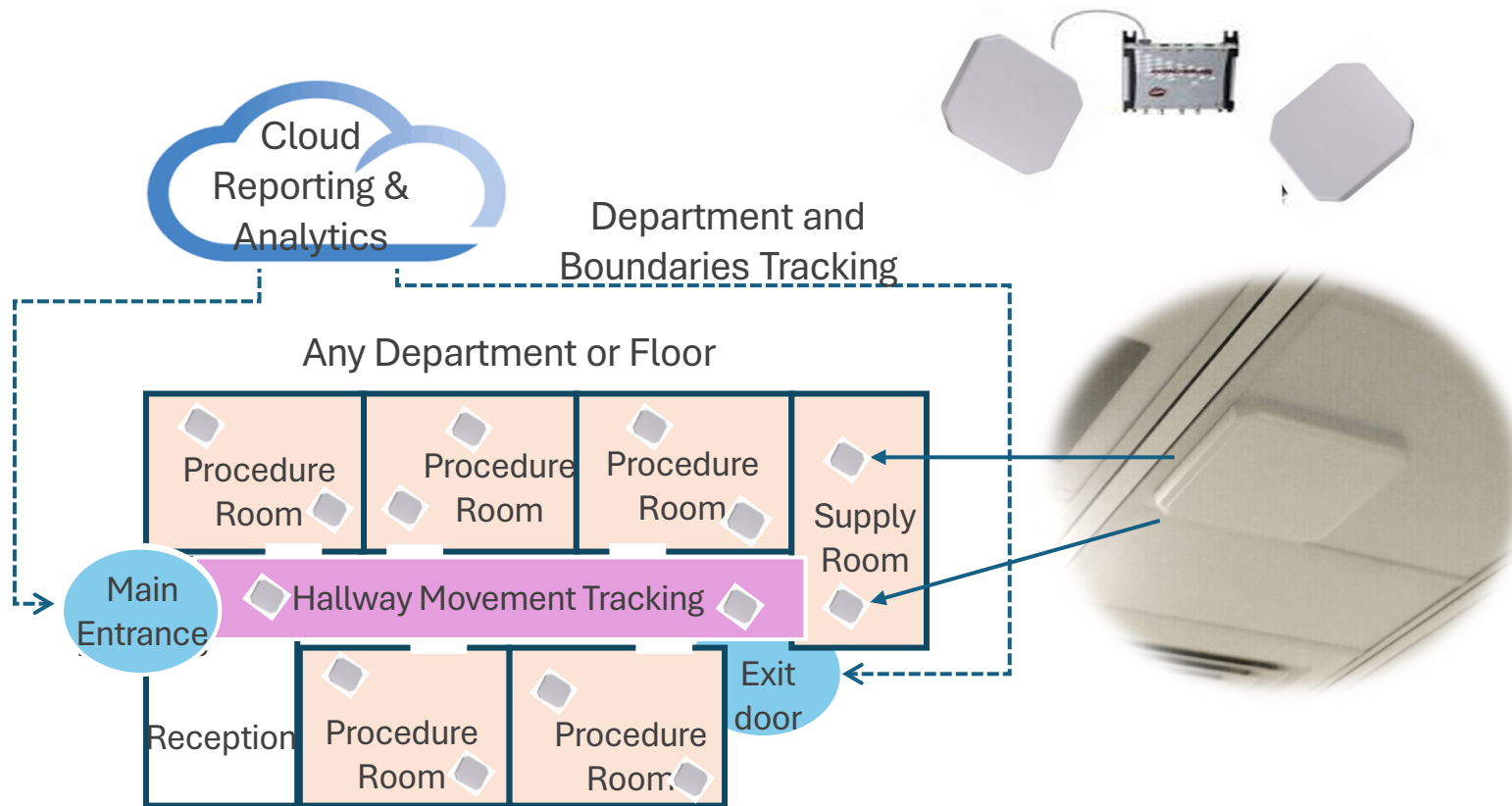
RFID Tagging Station

FDA-mandated UDI data is resident on the tag itself using GS1 EPC GEN2 UHF encoding standards.

UDI-encoded RFID tag may be printed with human readable text and a 2D barcode or blank.

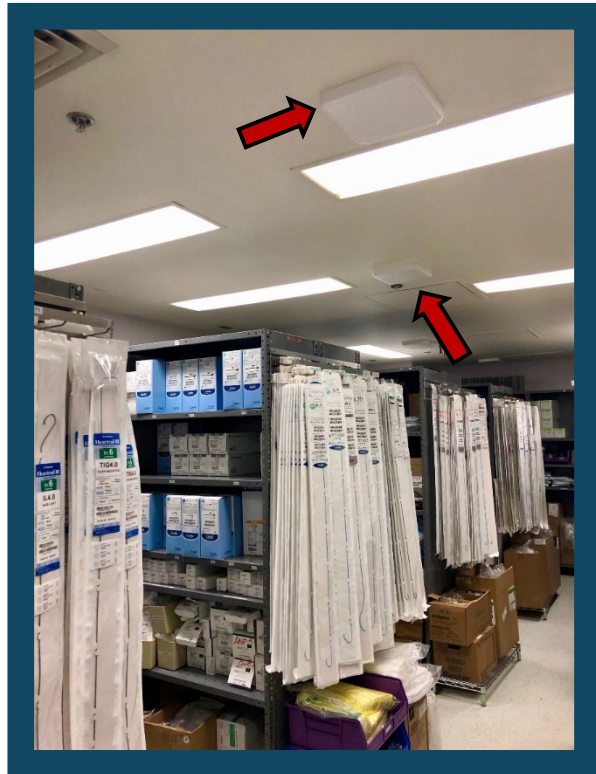


With VueTrack-RF, Tagged Items Are Continuously Tracked...

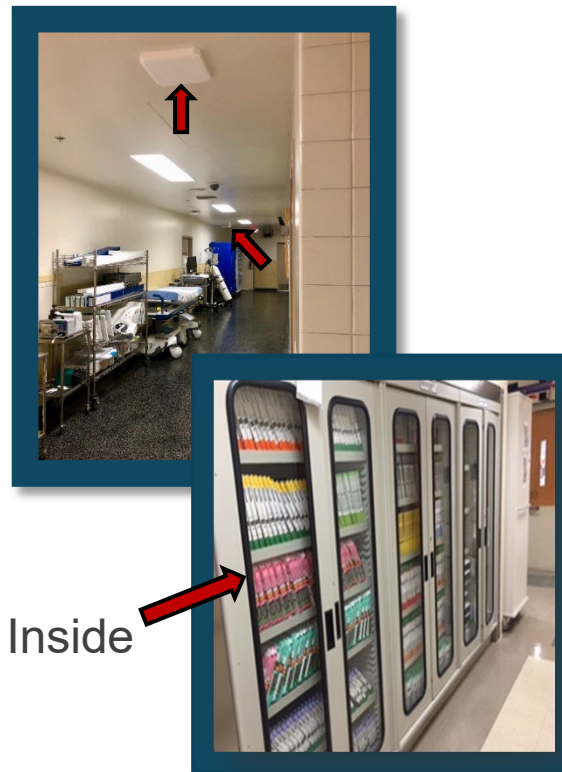


Throughout the hospital...

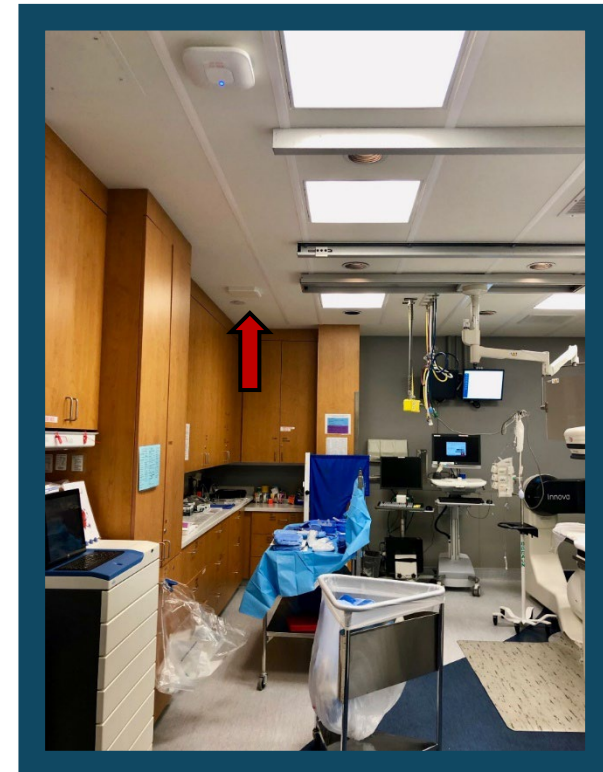
Supply Rooms



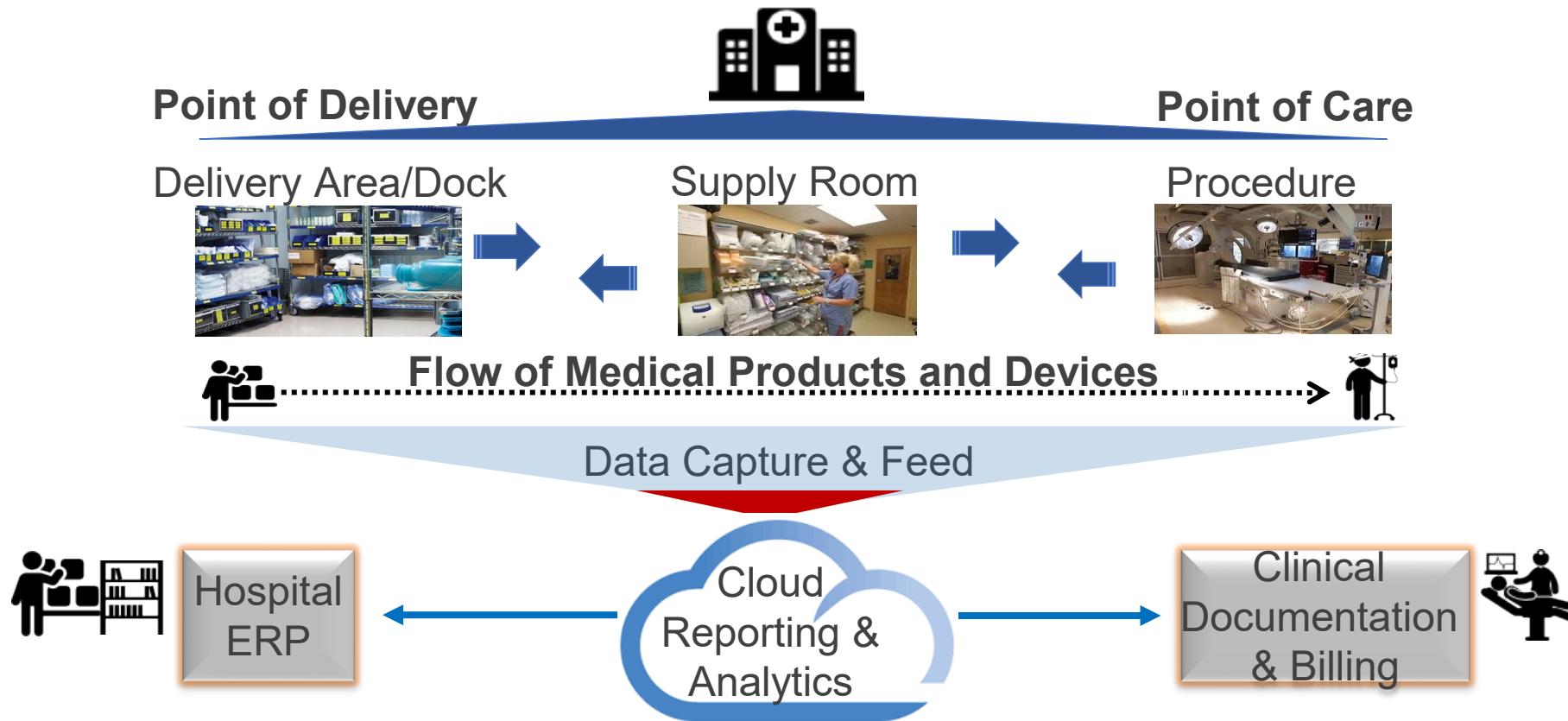
Hallways/Cabinets



Procedure Rooms



UDI Data Is Captured and Disseminated



Key Achievements

Operational:

- ✓ Full automation of key inventory management & item documentation functions.
- ✓ Full visibility of items from requisition to patient charting.

Patient Safety:

- ✓ Increased patient safety: Expired items never placed in patients. No stock-outs (needed products always available for a procedure). Recalled items tracked to individual patients within seconds.

Financial:

- ✓ Aligned purchases with consumption: excess inventory reduced
- ✓ Waste through expirations nearly eliminated
- ✓ Increased accuracy of charge capture to >90% of cases

Contact Us



RFID 
COMMUNITY CONNECT
 May 19 - 20



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