



# RFRain Handheld Solution



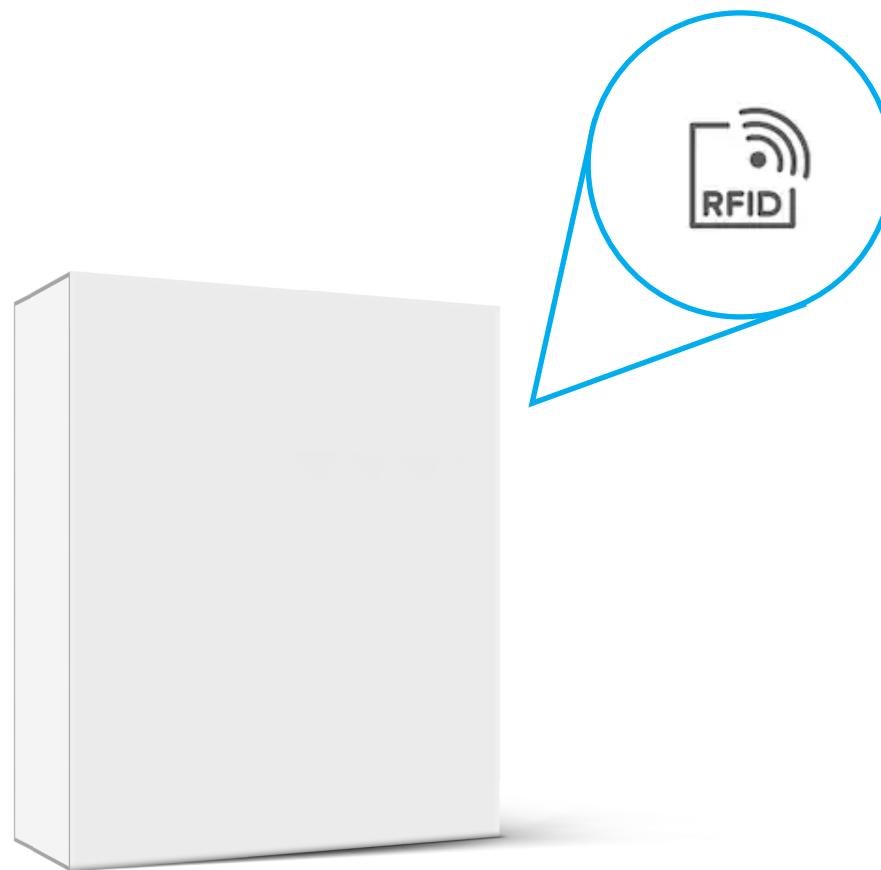
# RFR-RAIN-1-HANDHELD



The RFRain RFR-RAIN-1-HANDHELD is a high-performance mobile reader that is optimized for fast and accurate inventory management on the warehouse floor. The battery lasts up to 8.5 hours and has the highest transmit power and read range in the world. Quickly and efficiently read thousands of tags and identify an entire wall of tagged goods at once regardless of item orientation, alignment, and at a distance up to 15 ft.

Unlike any other RFID handheld readers in the market, our RFR-RAIN-1-HANDHELD Readers come with the Zone Manager Mobile app for iOS and Android devices, eliminating the need of additional software. Our Plug-and-Play system is designed for easy installation and programming. The RFR-RAIN-1-HANDHELD reader connects via WIFI or cellular connection and the collected data is automatically and instantly uploaded to the Zone Manager Enterprise server running in the cloud or on-premise. The Zone Manager works as a stand-alone application and can be seamlessly integrated with existing ERP systems through Rest API.

# RFID TRACKING BENEFITS



- 1 Cost-effective solution with passive tags at 0.3 cents.
- 2 Instantly detect hundreds of items at once for fast processing that saves handlers time.
- 3 Quickly locate the item's location via the Zone Manager dashboard.
- 4 Consolidate the data from multiple handheld readers using the RFRain Web Services cloud.
- 5 Generate daily reports.

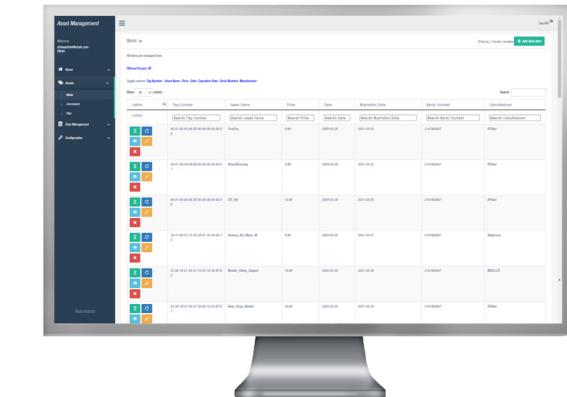
# RFID HANDHELD IMPLEMENTATION



RFR-RAIN-1-HANDHELD

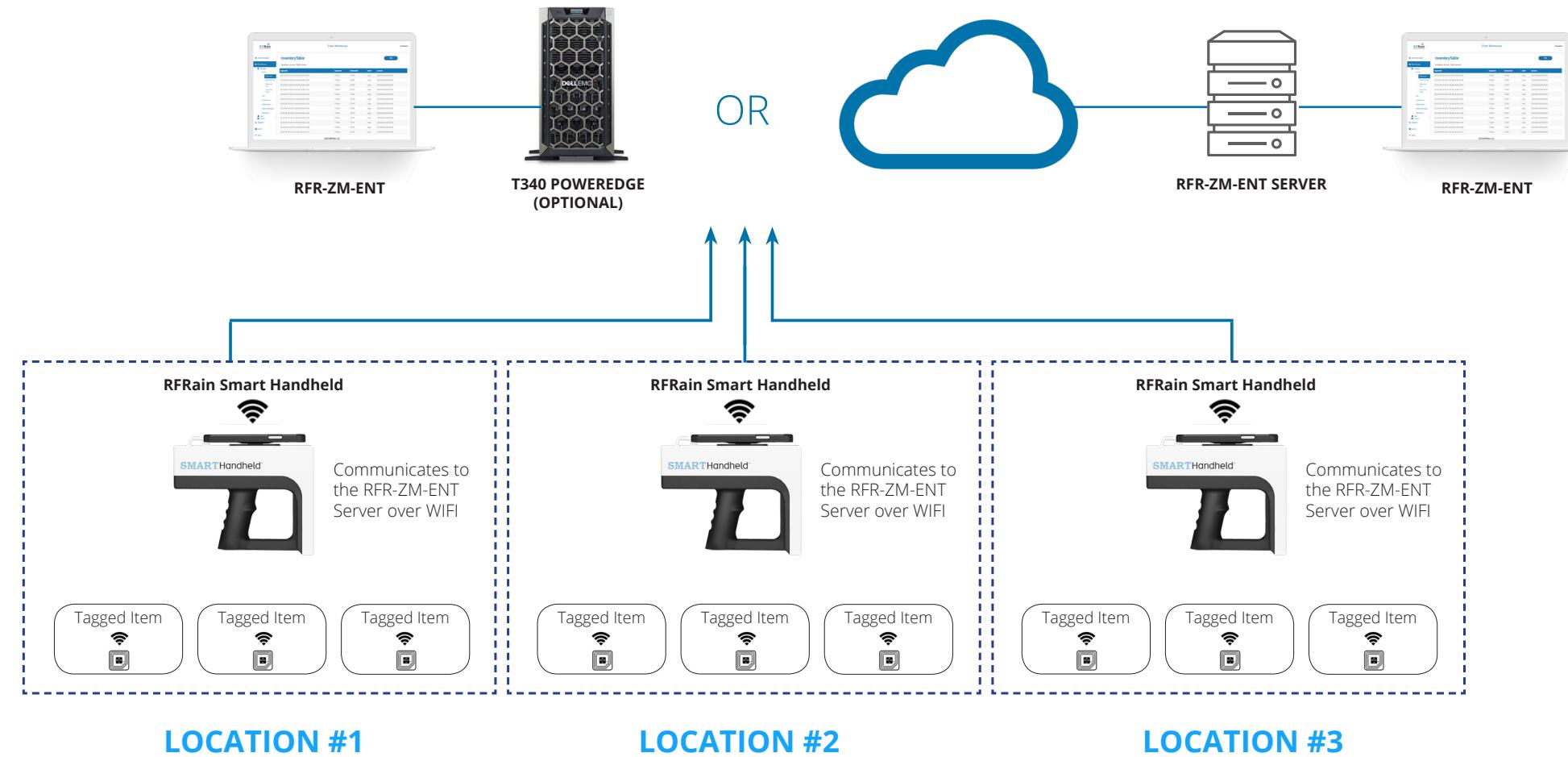
The RFR-RAIN-1-HANDHELD is a high performance RFID reader with the highest antenna power in the market. Detect thousands of tags at once at a distance of up to 15 feet. The 12,000 mAh battery allows continuous read of more than 8,5 hours.

Start detecting assets immediately and at any location with the RFRain Handheld (RFR-RAIN-1-HANDHELD). Monitor asset location with exact GPS coordinates directly from the Zone Manager Asset Management Software.



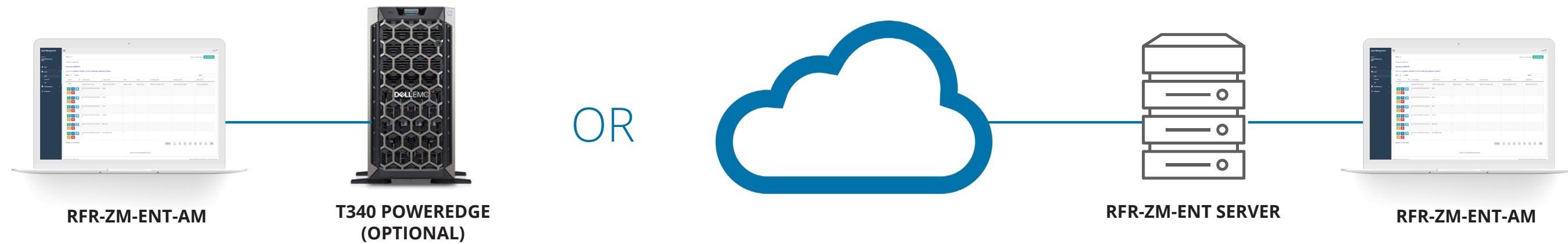
Data sent to Zone Manager Asset Management via wifi

# RFRAIN NETWORK



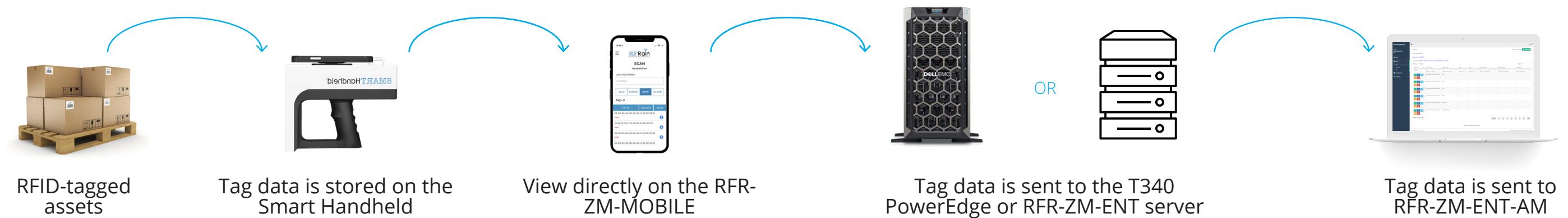
- 1 Each handler requires an RFRAIN reader connected to WIFI.
- 2 The RFRAIN handheld readers connect directly to the Zone Manager Enterprise in the T340 PowerEdge on-premise server, or the Zone Manager Enterprise Server in the Cloud.
- 3 Track each asset at any key checkpoint in real-time.
- 4 Setup email or text alerts
- 5 The data is always stored on the RFRAIN handheld reader first to prevent data loss in case of a network failure.
- 6 The RFRAIN handheld reader automatically resumes communication with the Zone Manager Enterprise server in the cloud or the T340 PowerEdge server in case the communication gets disconnected.

# ZONE MANAGER ASSET MANAGEMENT (RFR-ZM-ENT-AM)



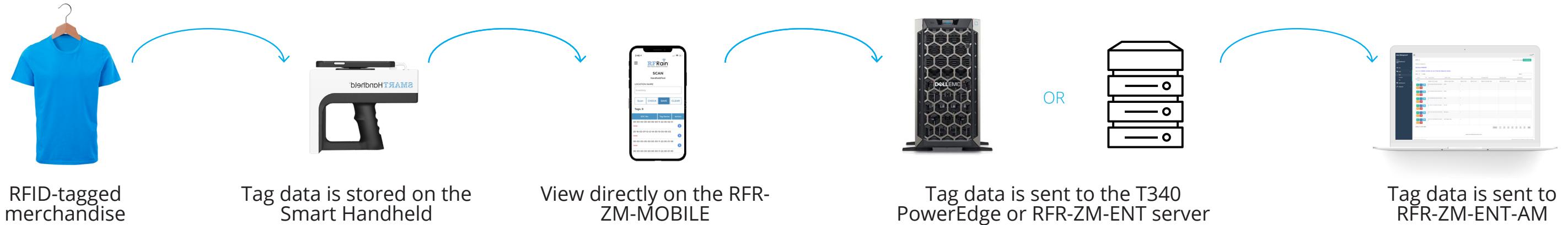
- ✓ No software to install.
- ✓ Choose between hosting the RFR-ZM-ENT-AM in the T340 PowerEdge server or in the Zone Manager Enterprise cloud.
- ✓ Instantly locate the assets in the facility.
- ✓ Download reports to track asset movement history.
- ✓ Sync up data instantly from multiple locations using the RFRain Zone Manager Asset Management software.
- ✓ The system can store millions of records in its own database.

# INDUSTRIES: MANUFACTURING



- 1 Individual items or pallets are tagged with RFID tags.
- 2 Store the pallets in the warehouse and record the exact location of the pallets with the RFRain Handheld.
- 3 Walk around warehouse floor and instantly detect 1000's of tags for fast processing and inventory management.
- 4 Quickly and efficiently read thousands of tags and identify an entire wall of tagged goods at once regardless of item orientation, alignment, and at a distance up to 15 ft.
- 5 The RFR-RAIN-1-HANDHELD reader connects via WIFI or cellular connection and the collected data is automatically and instantly uploaded to the Zone Manager Enterprise server running in the cloud or on-premise.
- 6 Easily locate the tags via the Zone Manager Enterprise dashboard.
- 7 Generate inventory reports with the Zone Manager Asset Management.

# INDUSTRIES: RETAIL



- 1 Individual items are tagged with RFID tags.
- 2 Walk around retail floor and instantly detect 100's of tags for fast processing and inventory management.
- 3 Quickly and efficiently read thousands of tags and identify an entire wall of tagged goods at once regardless of item orientation, alignment, and at a distance up to 15 ft.
- 4 The RFR-RAIN-1-HANDHELD reader connects via WIFI or cellular connection and the collected data is automatically and instantly uploaded to the Zone Manager Enterprise server running in the cloud or on-premise.
- 5 Easily locate the tags via the Zone Manager Asset Management.
- 6 Generate inventory reports with the Zone Manager Asset Management.

# INDUSTRIES: LINEN TRACKING & WASH COUNT



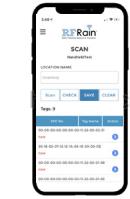
- 1 Linen manufacturers provide linen with embedded RFID tags
- 2 1000's of tagged dirty linen in wash room carts are instantly detected and counted with the RFRain Handheld regardless of item orientation, alignment, and at a distance up to 15 ft.
- 3 The RFR-RAIN-1-HANDHELD reader connects via WIFI or cellular connection and the collected data is automatically and instantly uploaded to the Zone Manager Enterprise server running in the cloud or on-premise.
- 4 Generate reports such as inventory or linen wash cycle information with the Zone Manager Asset Management.

# RFR-IMS-HANDHELD, RFID STARTER KIT

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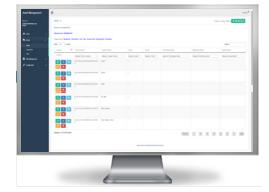
RFR-RAIN-1-HANDHELD



RFR-ZM-MOBILE



10 RAIN Tags



RFR-ZM-ENT-AM



RFR-ZM-ENT



Server (Optional)



Power Adapter

The RFRain Inventory Management Solution (RFR-IMS-HANDHELD) includes everything you need such as the RFR-RAIN-1-HANDHELD to start monitoring your inventory right out of the box. Benefit from significant cost savings as the RFID in a box is designed and developed to be a seamless integration of hardware, software and cloud solution/server on premise.

# ABOUT US

**RFRain is driven to continuously innovate** and bring new advancements to the RFID industry with its Smart Reader technology, making RFID an easy-to-use and affordable technology.

In the couple of years that we have been in the RFID space, we achieved the following:

- Created the World's First Plug-and-Play Smart Reader, Smart Reader Advanced and Smart Reader Handheld that are each unique in the industry
- Earned multiple patents on the Zone Manager software and Zone Manager Enterprise cloud platform for RFID
- Reduced the cost of owning a RAIN RFID system
- Simplified the installation and deployment of a RAIN RFID system
- Deploying hardware and software solutions years ahead of the market
- All our readers are FCC, CE certified
- We are proud members of the RAIN Alliance and Intel IoT Solutions Alliance Group





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