



RFID TRACKING for Supply Chain & Logistics

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RFRAIN SUPPLY CHAIN SOLUTIONS

Increase visibility and automate asset and inventory management. RFRain's RFID solutions for real-time item tracking can revolutionize supply chains and logistics, bringing unparalleled levels of accuracy, efficiency and business intelligence followed by immediate and significant cost savings.

RFID applications and benefits:

Inbound and Outbound

Track shipment goods arriving or departing. Verify the correct shipment using the RFRain RFR-RAIN-4-SMART RFID reader.



Asset Location Tracking

Identify the location of assets in the warehouse. Automate materials tracking for efficient storage and quick retrieval using the RFRain RFR-RAIN-4-SMART-ADV reader.



Inventory Management

The RFRain RFR-RAIN-1-HANDHELD reader is a high-performance mobile RFID reader used for manual processing in the warehouse to take a full inventory of the collection.

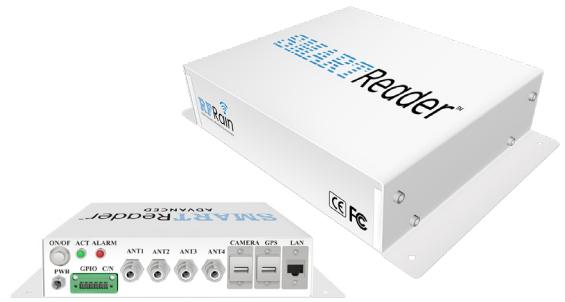


RFRAIN TRACKING HARDWARE

RFRain RFID hardware and software solutions combine RFID tags, antennas, fixed and mobile readers, and software to enable real-time inventory tracking.

RFRain RFR-RAIN-4-SMART

The RFRain RFR-RAIN-4-SMART is a high-performance fixed RFID reader optimized for fast and accurate reading of tagged items. Perfectly suited for forklift applications and overhead at docking doors. Mobile battery-powered version RFR-RAIN-4-SMART-ADV available.



RFRain RFR-RAIN-1-HANDHELD

The RFRain RFR-RAIN-1-HANDHELD reader is a high-performance mobile reader that is optimized for fast and accurate inventorying on the warehouse floor. Quickly and efficiently walk the entire floor and scan thousands of tags at once based on your location and store the data automatically in the Zone Manager Enterprise.



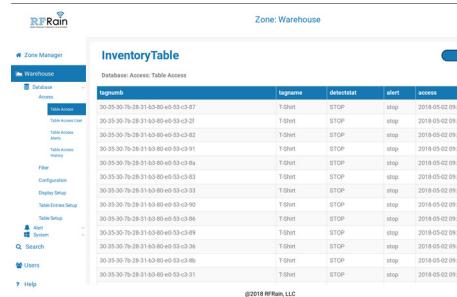
RFRain Antennas and Tags

The RFRain antennas are optimized and guaranteed to work with RFRain's Smart Readers for fast and accurate detecting of tagged items.

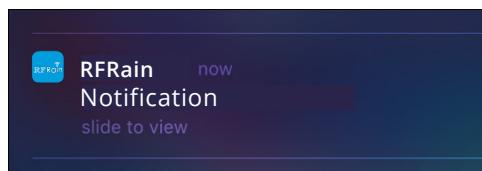


ZONE MANAGER™ SOFTWARE

Our easy-to-use software comes pre-installed with our readers and help users track items by providing users with detailed and reliable insights, they can make better data-informed decisions about their inventory.



The screenshot shows a software interface titled 'Zone: Warehouse'. The left sidebar has a 'Zone Manager' section with 'Warehouse' selected, and a 'Database' section with 'Table Access' selected. The main area is titled 'InventoryTable' and shows a table with columns: 'tagname', 'detectedat', 'alert', and 'access'. The table lists several entries, each with a timestamp and a 'T-shirt' tag name. The bottom of the screen has a footer with the text '©2018 RF Rain, LLC'.



Real-time asset tracking

Quickly and conveniently read the data gathered from your RFR-RAIN-4-SMART from a web browser. Easily keep track of inventory levels and storage location at all times.

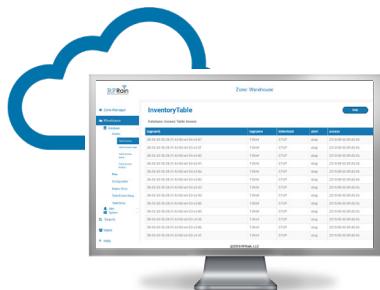
Notify users with alerts that require attention

The Zone Manager™ software notifies staff with an email or text notification with all the necessary information to track inventory and minimize stock-out.



Verify shipment

Verify inbound and outbound shipment with the Order Accuracy Manager. Never send a wrong shipment again.



Business insights with Zone Manager Enterprise™

The Zone Manager advanced cloud-based software aggregates the data from all readers from multiple locations into one centralized management platform. This provides the entire supply chain an accurate view of inventory levels, location and status of goods.



RFR-ANT-0201



RFR-RAIN-4-SMART



DOORWAY SYSTEM

RFRain's solution for real-time tracking of inbound and outbound shipment is the RFRain dock doorway System. The RFRain System automates and streamlines pallet movement.

How it works

The RFR-RAIN-4-SMART reader with up to four monostatic antennas are installed above the docking doors. The Smart Reader identifies an RFID tag attached to pallets, containers from incoming trucks coming in and out (directional). The system then identifies the pallet location with the timestamp of arrival or departure. With the Order Accuracy Manager confirm that the right shipment has been picked up for delivery.

RFRain RFID tracking software

Unlike any other readers in the market, our Smart Readers come with pre-installed Zone Manager software, eliminating the need of additional software. Our Plug-and-Play system is designed for easy installation and programming. The RFR-RAIN-4-SMART reader connects via LAN, 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 enterprise systems through Rest API.



RFR-FORKLIFT-SMART

RFRain's solution for real-time asset tracking in the warehouse is the RFRain Forklift System. The RFRain Forklift System automates and streamlines pallet movement from increasing pallet visibility to processing more pallets per shift while reducing labor costs. This forklift system brings immediate and significant cost savings to pallet handling and management operations in warehouses.

How it works

The forklift is retrofitted with the RFR-RAIN-4-SMART-ADV reader with GPS, an antenna and image-recognition camera. The Advanced Smart Reader identifies an RFID pallet tag after a pallet has been loaded onto the forklift. The system then identifies the pallet storage location, utilizing GPS and camera to confirm that the pallet has been picked up or dropped off at that location. The RFR-FORKLIFT-SMART utilises advanced image processing algorithms to capture the pallet location.

RFRain RFID tracking software

Unlike any other RFID readers in the market, our Smart Readers come with pre-installed Zone Manager software, eliminating the need of additional software. Our Plug-and-Play system is designed for easy installation and programming. The RFR-RAIN-4-SMART-ADV 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 warehouse management systems through Rest API.



RFR-RAIN-1-HANDHELD

RFRain's solution for real-time inventorying on the warehouse floor is the RFRain RFR-RAIN-1-HANDHELD reader. The RFRain handheld reader automates and streamlines inventory management, from increasing pallet visibility to processing more pallets per shift while reducing labor costs. This handheld reader brings immediate and significant cost savings to pallet handling and management operations in warehouses.

How it works

The RFRain RFR-RAIN-1-HANDHELD is a high-performance mobile reader that is optimized for fast and accurate inventorying on the warehouse floor. The battery lasts up to 7.5 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 30 ft.

RFRain RFID tracking software

Unlike any other RFID handheld readers in the market, our RFR-RAIN-1-HANDHELD Readers come with the Zone Manager app for iOS smart phones, 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 warehouse management systems through Rest API.

ABOUT RFRAIN

RFRain is an inventory and asset management company which has developed a complete end-to-end solution of hardware and software. It collects data received from RFID tags and sensors and manages the data within the cloud, or on-premise, for real-time access by multi-location companies and organizations. The technology gets delivered via an online dashboard that offers real-time data delivery 24/7 for inventory management.

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