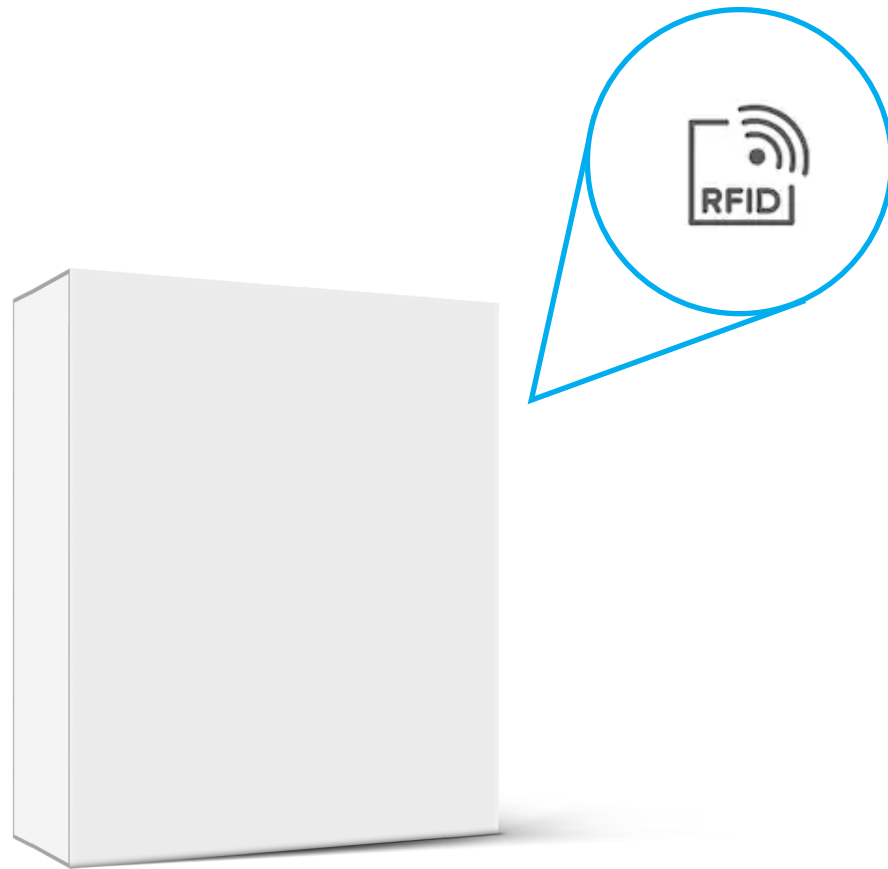RFRain

RETAIL THEFT PREVENTION SOLUTION
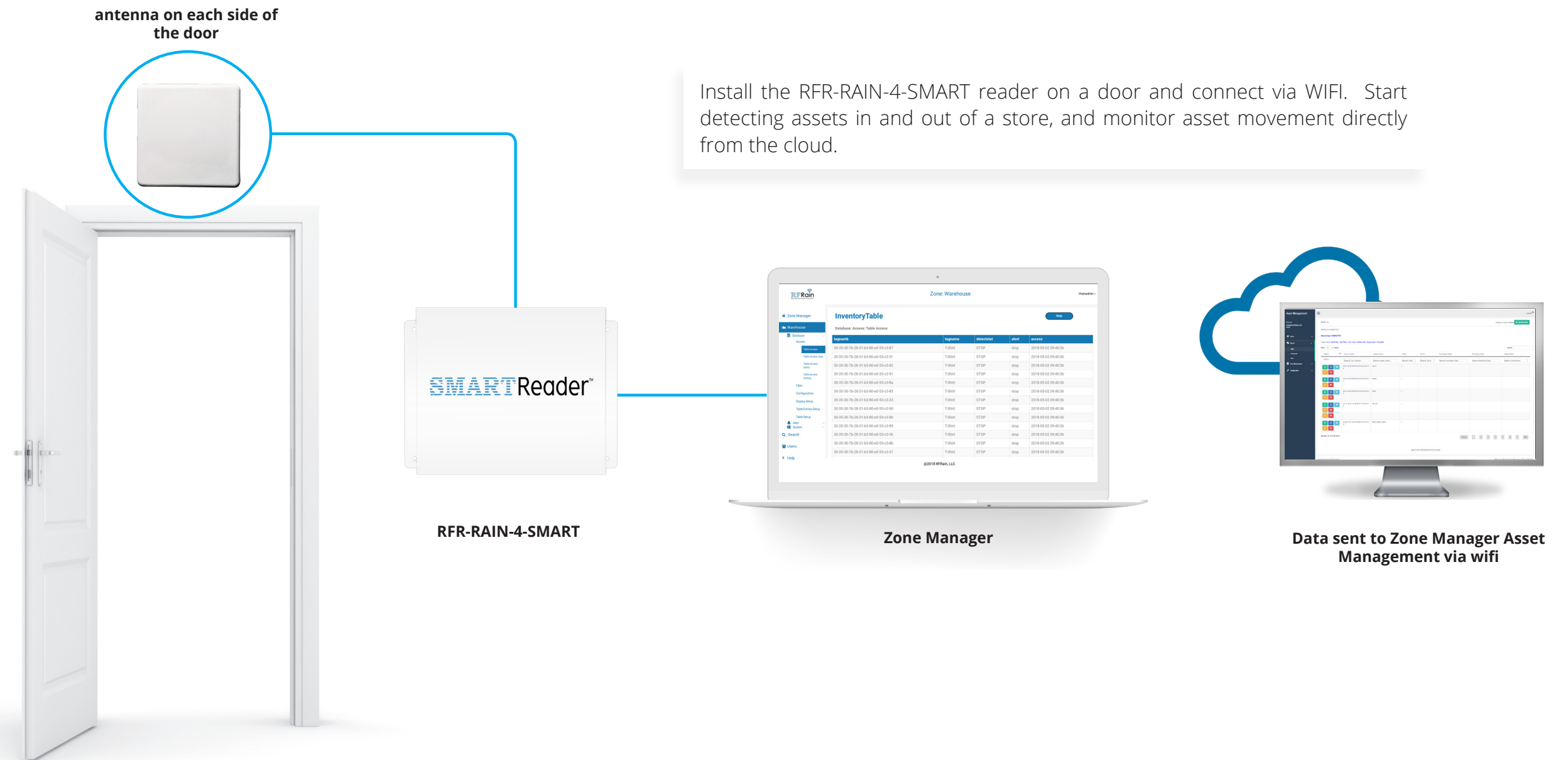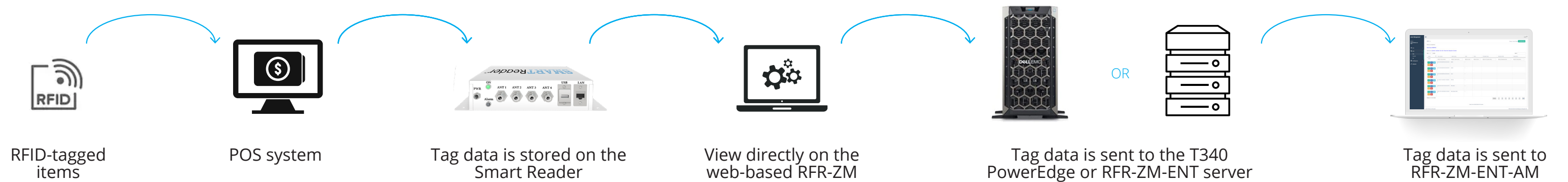
RETAIL THEFT PREVENTION BENEFITS

1   Easily track by date, item, and location paid and unpaid RFID tagged items leaving the store.

2   Generate a daily report to determine lost revenue as a result of theft.

3   Capture the video event each time an unpaid RFID tagged item leaves the store.

4   Quickly locate the item's location on the store shelf via the Zone Manager dashboard.

5   Add additional product information such as SKU number and product image to the item profile.

6   Set off an audible alarm as an option as soon as an unpaid item leaves the store.

7   Consolidate the data from multiple stores using the RFRain Web Services cloud.

8   Expand the solution to track employees in the store.

RFID

RFRain

RFID SIMPLE DOORWAY INSTALLATION

antenna on each side of the door

Install the RFR-RAIN-4-SMART reader on a door and connect via WIFI. Start detecting assets in and out of a store, and monitor asset movement directly from the cloud.

RFR-RAIN-4-SMART

Zone Manager

Data sent to Zone Manager Asset Management via wifi

COMMUNICATION PROCESS OVERVIEW

RFID-tagged
items

POS system

Tag data is stored on the
Smart Reader

View directly on the
web-based RFR-ZM

Tag data is sent to the T340
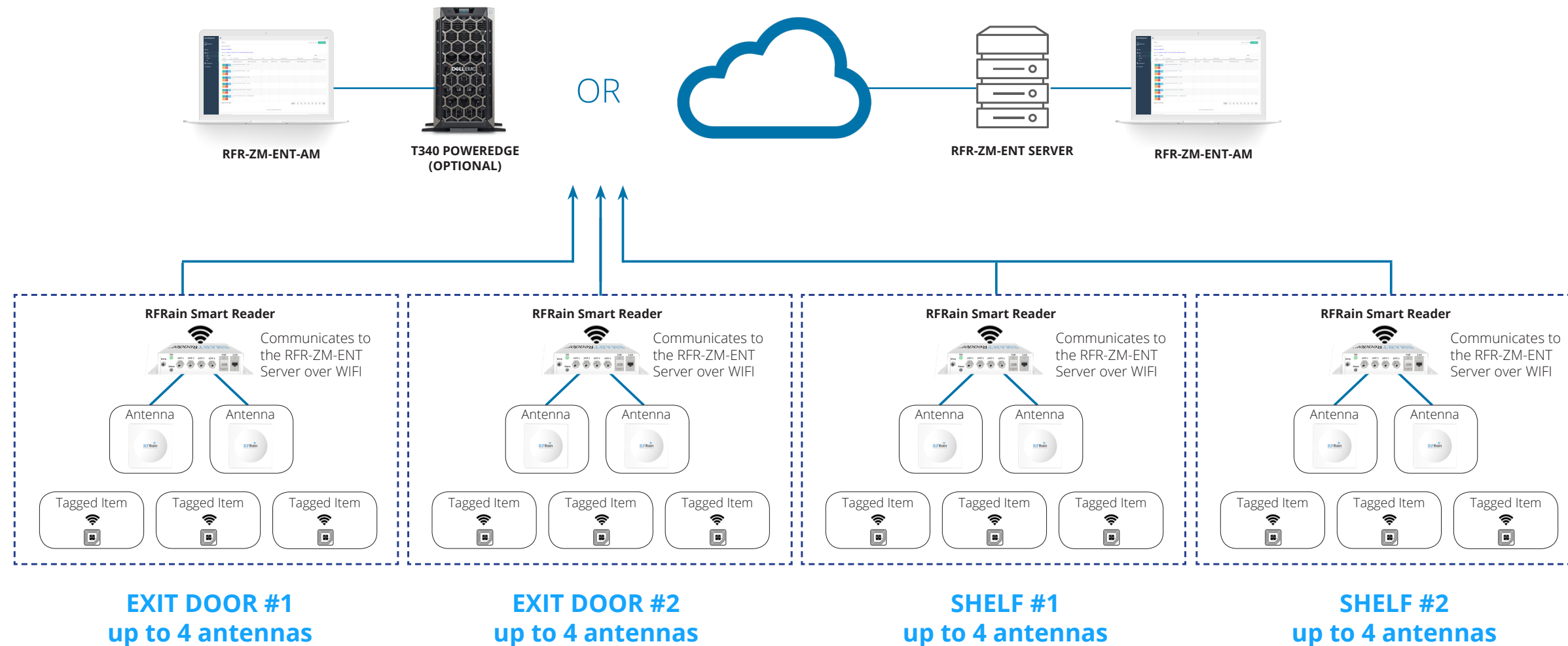PowerEdge or RFR-ZM-ENT server

OR

Tag data is sent to
RFR-ZM-ENT-AM

1 The manager places two unique tags on a box containing a valuable item. The RFID tag with unique RFID EPC number is placed inside of the box. The barcode tag containing the exact RFID EPC number is placed outside of the box.

2 A customer goes to the checkout system to purchase the item. The cashier scans the RFID EPC barcode and informs the Smart Reader to mark the item as purchased.

3 The RFRain Smart Reader detects items moving out of the store and marks the paid items leaving the store as paid.

4 Optionally, the Smart Reader sounds an audible alarm when an unpaid item leaves the store.

5 Each reader streams the data in real-time to the Zone Manager Enterprise software on the PowerEdge server or the Zone Manager Enterprise server in the cloud.

6 The manager is able to generate reports of lost item inventory on the RFR-ZM-ENT-AM software.

RFRain®

RFRAIN STORE NETWORK

RFR-ZM-ENT-AM **T340 POWEREDGE (OPTIONAL)** OR **RFR-ZM-ENT SERVER** **RFR-ZM-ENT-AM**

RFRain Smart Reader — Communicates to the RFR-ZM-ENT Server over WIFI

Antenna   Antenna

Tagged Item   Tagged Item   Tagged Item

EXIT DOOR #1
up to 4 antennas

RFRain Smart Reader — Communicates to the RFR-ZM-ENT Server over WIFI

Antenna   Antenna

Tagged Item   Tagged Item   Tagged Item

EXIT DOOR #2
up to 4 antennas

RFRain Smart Reader — Communicates to the RFR-ZM-ENT Server over WIFI

Antenna   Antenna

Tagged Item   Tagged Item   Tagged Item

SHELF #1
up to 4 antennas

RFRain Smart Reader — Communicates to the RFR-ZM-ENT Server over WIFI

Antenna   Antenna

Tagged Item   Tagged Item   Tagged Item

SHELF #2
up to 4 antennas

1 Each door or entrance requires the presence of an RFRain Smart Reader connected to WIFI or LAN only.

2 The RFRain Smart Reader connects directly to the T340 PowerEdge server, the Zone Manager Enterprise Server in the Cloud or stand-alone.

3 Track each unpaid item the minute it leaves the store.

4 Setup audible alerts when an unpaid item leaves the store.

5 The data is always stored on the RFRain Smart Reader first to prevent data loss in case of a network failure.

6 The RFRain Smart Reader automatically resumes communication with the Zone Manager Enterprise server in the cloud or the T340 PowerEdge server in case the communication gets disconnected.

7 Capture a video when an unpaid item leaves the store.

RFRain®

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

RFR-ZM-ENT-AM

T340 POWEREDGE (OPTIONAL)

OR

RFR-ZM-ENT SERVER

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

√ Store the item's product image and other information to the item profile

√ Download reports to track losses of unpaid items

√ Synch up data from multiple locations using a single dashboard

√ System supports millions of records

RFRain

RFR-IMS-SMART, RFID STARTER KIT

CONTENTS

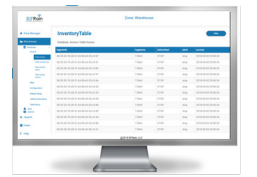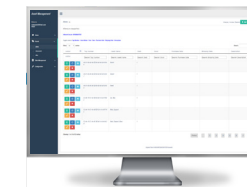RFR-RAIN-4-SMART

2 RFR-ANT-0201

10 RAIN Tags

RFR-ZM

RFR-ZM-ENT-AM

RFR-ZM-ENT

Server (Optional)

2 Antenna Cables

Ethernet Cable

Power Adapter

The RFRain Inventory Management Solution (RFR-IMS-SMART) includes everything you need such as the RFR-RAIN-4-SMART 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

RFRain®

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