REAL-TIME LINEN TRACKING SOLUTION
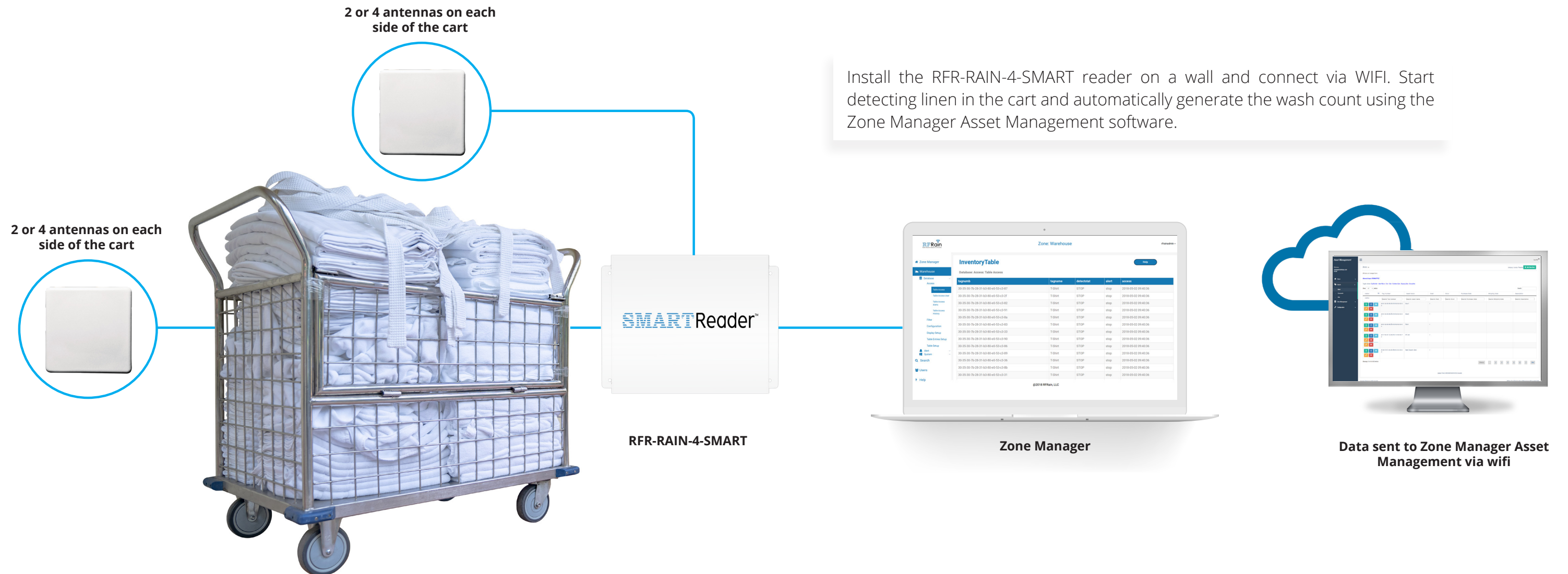
RFRain

Reader™

PWR · ON · ANT 1 · ANT 2 · ANT 3 · ANT 4 · USB · LAN
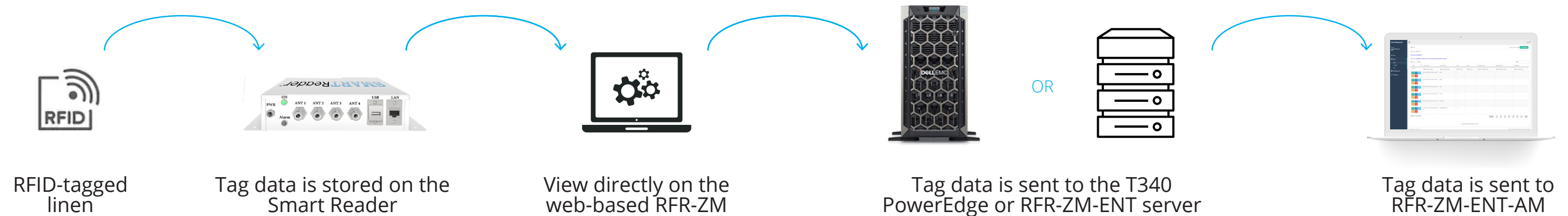
BENEFITS OF LINEN MANAGEMENT IN HOSPITALITY

1. Detect hundreds of linen a second using the RFRain Smart Reader for fast processing.

2. Track the movement of linen in and out of the laundry room with a specialized RFID tag.

3. Automatically count the amount of times linen is washed.

4. Keep track and discard linen that reach the end product life cycle.

5. Generate a daily report of all the linen's movements and wash cycles.

6. Generate an email or text alert as soon as it is time to discard old linen.

RFRain

SIMPLE RFID INSTALLATION

2 or 4 antennas on each side of the cart

Install the RFR-RAIN-4-SMART reader on a wall and connect via WIFI. Start detecting linen in the cart and automatically generate the wash count using the Zone Manager Asset Management software.

2 or 4 antennas on each side of the cart

SMARTReader™

RFR-RAIN-4-SMART

Zone Manager

Data sent to Zone Manager Asset Management via wifi

RFRain®

COMMUNICATION PROCESS OVERVIEW

| RFID-tagged linen | 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 linen distributor places a unique RFID tag on each linen, and automatically uploads the list of RFID tagged linen in the Zone Manager Asset Management in the cloud.
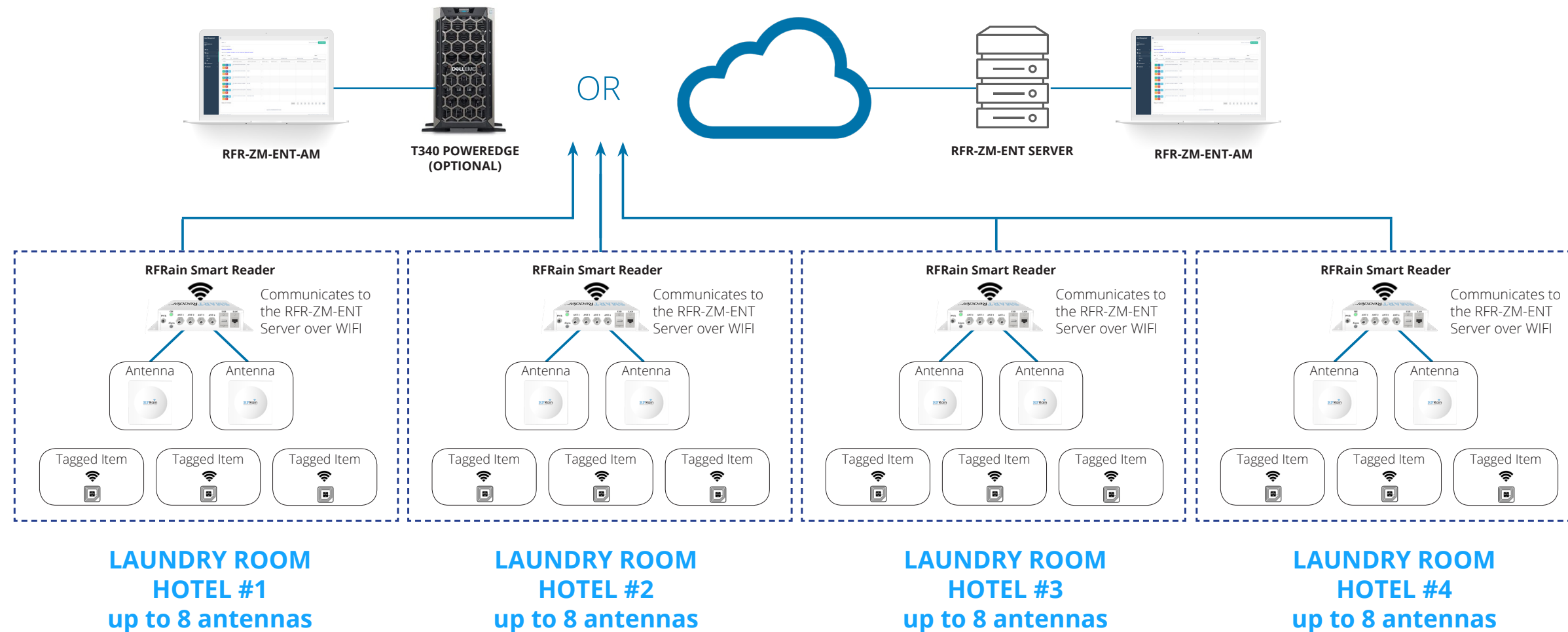
2 The RFRain Smart Reader located in the facility laundry room detects the number of linen on each laundry cart and stores the data in the reader Zone Manager internal database.

3 Each reader streams the linen information in real-time to the Zone Manager Enterprise software on the PowerEdge server or the Zone Manager Enterprise server in the cloud.

4 The RFRain Zone Manager Asset Management generates a report indicating the location of the linen and wash count.

5 Track wash count and linen from multiple locations or a single location using the Zone Manager Asset Management dashboard.

RFRAIN 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

LAUNDRY ROOM HOTEL #1
up to 8 antennas

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

Antenna   Antenna

Tagged Item   Tagged Item   Tagged Item

LAUNDRY ROOM HOTEL #2
up to 8 antennas

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

Antenna   Antenna

Tagged Item   Tagged Item   Tagged Item

LAUNDRY ROOM HOTEL #3
up to 8 antennas

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

Antenna   Antenna

Tagged Item   Tagged Item   Tagged Item

LAUNDRY ROOM HOTEL #4
up to 8 antennas

1 Each laundry cart 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 or the Zone Manager Enterprise Server in the Cloud.

3 Track linen wash count the minute the linen enter the laundry room.

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

5 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.

6 Receive text or email alerts such as when the linen reaches its near end product life cycle.

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.

√ Instantly locate the linen in the facility.

√ Download reports such as the historical information of the linen wash cycle.

√ Synch 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.

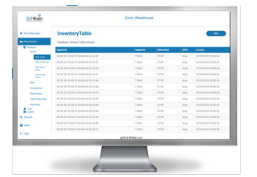**RFRain**

RFR-IMS-SMART, RFID STARTER KIT

CONTENTS

RFR-RAIN-4-SMART
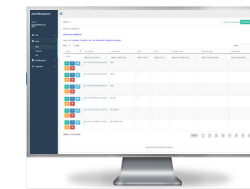
2 RFR-ANT-0201

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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