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Asset Tagging Implementation Overview

For All Asset Tag Types

- Infant Protection
- Staff Duress
- Environmental Monitoring
- Infection Control
- Clinical Workflow
- Wander Management
- Asset Management
- Nurse Call Automation
- Wayfinding
- Hand Hygiene Compliance
- RECEPTION

Agenda

- **RTLS System Overview**
- **Asset Tag Location Considerations**
- **Asset Tagging Process**
- **Tagging Steps**
  - **Tag Preparation**
  - **Tag Activation**
  - **Tag Installation**
- **Tag Documentation**
- **Example Locations**

RTLS System Overview

System Hardware

The Parts & Pieces

Location Designation Hardware

Monitor

Installed in rooms where **room-level** location is desired. Also used in hallways for **zone-level** location. Battery operated.

Virtual Wall Monitor

Installed where **bed-level** location is desired (ED, PACU, semi-private rooms, etc.). Also used in hallways. Battery operate.

Network Components

Star

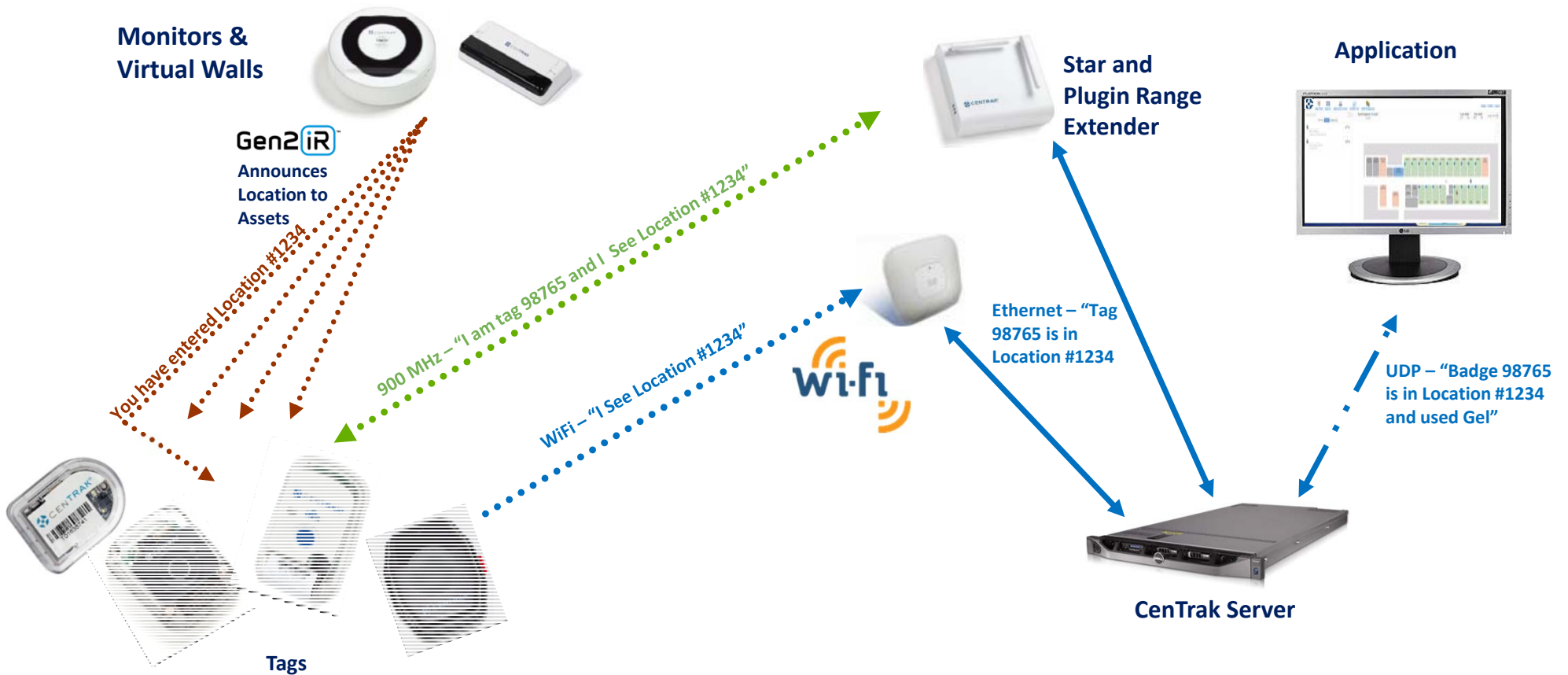Acts as an Access Point. Collects location data and passes it on to the server.

Location Server

Consolidates location data and integrates with third-party locating applications

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Communication Path

How does a tag know where it is?

Monitors & Virtual Walls

Gen2 iR
Announces Location to Assets

You have entered Location #1234

900 MHz – "I am tag 98765 and I See Location #1234"

WiFi – "I See Location #1234"

Tags

Star and Plugin Range Extender

Application

Ethernet – "Tag 98765 is in Location #1234

UDP – "Badge 98765 is in Location #1234 and used Gel"

CenTrak Server

Asset Tags

Multiple Options

Orion MultiMode Asset Tag

900 MHz Mini Asset Tag

900MHz Asset Tag

900 MHz Micro Asset Tag

MultiMode Asset Tag