Trellix Locate
Real-time asset tracking and management system

HEALTHCARE

IMPROVE PATIENT
EXPERIENCE AND SAFETY.

Trellix Locate delivers real-time indoor location service and management, by leveraging the Trellix IoT platform and Bluetooth® Low Energy technology. Designed to allow you to monitor activities by sensing the location of your assets, staff and patients and use the data to improve business/production workflows, improve safety and security.

Asset Management

Trellix Locate gives you the ability to track the real-time location and manage distribution of your valuable mobile medical equipment.

- Reduce unnecessary equipment purchases and rental cost and minimize shortages of equipment
- Reduce and optimize inefficiencies associated with searching for mobile equipment

Temperature Monitoring

Performs real-time temperature monitoring for proper storage conditions conducive to infection control and diagnostic sample viability which is essential to providing optimized patient care.

- Accurate detection and alerts of changes in environmental conditions
- Automates regulatory compliance process, eliminate manual temperature logging

Patient Throughput

Trellix Locate technology replaces inefficient manual tracking systems with an automated system providing real-time patient location, movement and key interactions.

- Improve process compliance, optimize staff workflow and patient safety
- Examine how care is delivered and eliminate bottlenecks. Reduce diversion hours, ER and OR turnaround time

Hand-Hygiene Compliance

Provides a low-cost way to increase patient safety by improving hand hygiene compliance to help hospitals reduce hospital acquired infections and their associated costs.

- Track, report and improve compliance rates to hand hygiene protocols
- Offer real-time reminders to staff to capture compliance and noncompliance 24/7 and caregivers to "wash in" and "wash-out"

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Powering Business Worldwide

Gather. Analyze. Exchange.

Trellix provides an open IoT platform and infrastructure that connect intelligent sensors leveraging the real estate of the physical light fixture to solve higher complexity problems in a commercial building to deliver actionable insights through the aggregation of valuable data.

The most advanced digital integrated sensors

- Sensor capability: Zigbee, Bluetooth, PIR, Temp, Daylighting
- Dense sensor distribution
- Delivers maximum data for minimum price

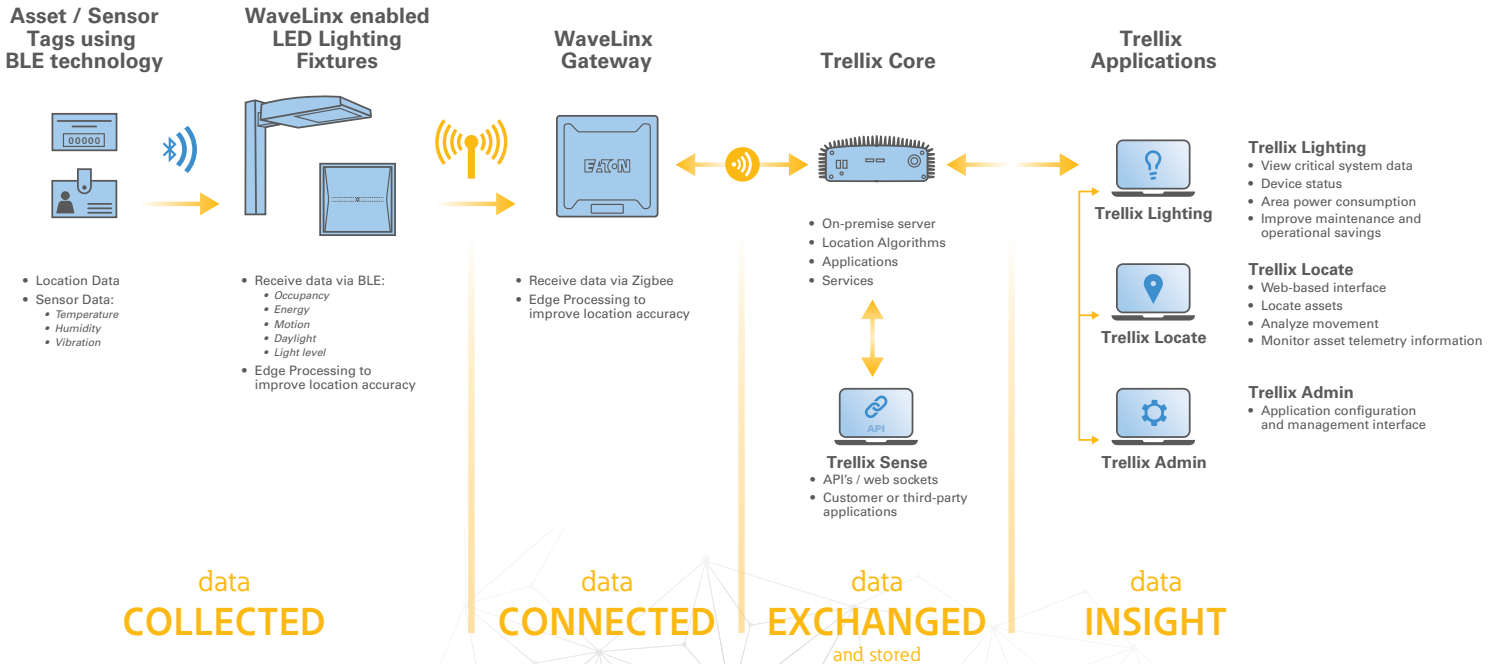### Breakthrough Wireless Network

- Can manage 1,000s of sensors
- Minimal bandwidth required
- No batteries needed

24/7 Data Available

- Real-time power data
- Compression for data backhaul
- On premise computing for data

Trellix system architecture

Asset / Sensor Tags using BLE technology

- Location Data
- Sensor Data:
  - *Temperature*
  - *Humidity*
  - *Vibration*

WaveLinx enabled LED Lighting Fixtures

- Receive data via BLE:
  - *Occupancy*
  - *Energy*
  - *Motion*
  - *Daylight*
  - *Light level*
- Edge Processing to improve location accuracy

WaveLinx Gateway

- Receive data via Zigbee
- Edge Processing to improve location accuracy

Trellix Core

- On-premise server
- Location Algorithms
- Applications
- Services

Trellix Sense

- API's / web sockets
- Customer or third-party applications

Trellix Applications

Trellix Lighting

Trellix Lighting
- View critical system data
- Device status
- Area power consumption
- Improve maintenance and operational savings

Trellix Locate

Trellix Locate
- Web-based interface
- Locate assets
- Analyze movement
- Monitor asset telemetry information

Trellix Admin

Trellix Admin
- Application configuration and management interface

data **COLLECTED**

data **CONNECTED**

data **EXCHANGED** and stored

data **INSIGHT**

Eaton's healthcare experience includes 200+ hospitals across North America.

35M sq ft of connected lighting and sensors deployed in 1000's of installations.

Together...we can make every space limitless

VIZZIA
Real-Time Healthcare Visibility

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