COMMSCOPE®
RUCKUS®

CommScope + REACT Mobile

Keeping Workers Safe, Without High Costs and Complexity

Everyone should feel safe at work. But, for staff at large hotel and hospitality properties, problems can crop up with little warning. Now, two leaders in hospitality technology, CommScope and REACT Mobile, have joined forces to help protect workers using the Internet of Things (IoT). With REACT alert systems and the CommScope RUCKUS IoT Suite, you can better protect your people while building a single, versatile foundation for diverse IoT applications.

The Challenge

In the hotel and hospitality industry, it's the staff on the front lines who ensure that guests have an outstanding experience. Working on properties of all sizes with staff moving about; problems inevitably arise. Whether due to medical emergencies, harassment, even assault, hospitality workers need to be able to quickly get help if they need it. It's why hotels around the globe have made staff safety a top priority. Many state and local governments, over 70 major hotel brands, and most Union properties now have committed to make employee safety devices (ESDs), or "panic buttons," accessible to all workers.

Modern IoT technologies can provide powerful tools to enable these new safety systems, along with many other hospitality innovations. But, there's a catch: "IoT" isn't just a single technology. Different devices and applications can require completely different networks, such as Bluetooth Low Energy (BLE) beacons, ZigBee, Wi-Fi and others. For a hotel supporting multiple technology services—staff alert buttons, smart door locks, in-room Wi-Fi, connected thermostats and refrigerators—the technology footprint gets complicated fast. Soon, IT is managing multiple overlaid technology architectures, and costs and complexity can spiral out of control.
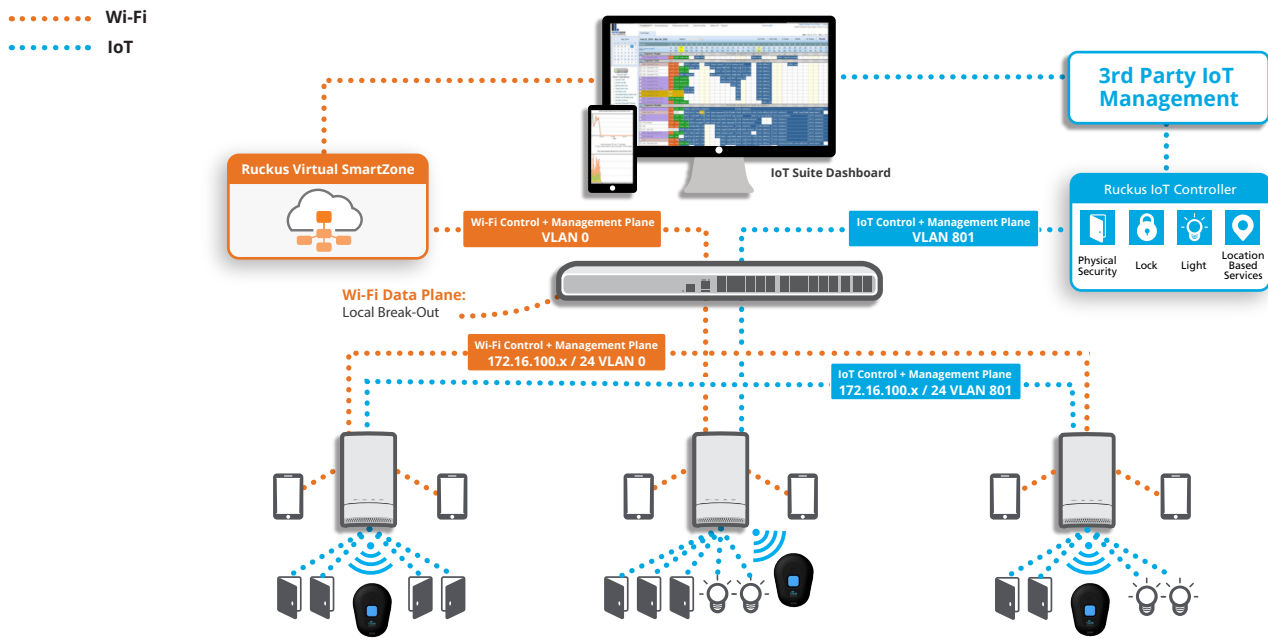
Solution

Keeping workers safe shouldn't require building a new standalone network across your property. Fortunately, you don't have to. Two leaders in hospitality, REACT Mobile and CommScope, can provide a more flexible, cost-effective solution—in many cases, using the Wi-Fi network you already have in place.

- **REACT Mobile**, a leader in ESD, provides the state-of-the-art staff alert and monitoring platform used by hundreds of hotels and property management companies around the world.
- **CommScope** brings industry-leading RUCKUS Wi-Fi and IoT solutions to the world's premier hotel and hospitality brands.

With REACT and RUCKUS wireless and IoT technology, you can deploy a comprehensive staff alert and monitoring solution without having to pull new cable, add extra switch ports or build a new siloed network across your property. Instead, you can connect REACT panic buttons—alongside many other IoT devices and applications, using multiple wireless protocols—over a single infrastructure.

How It Works

REACT Mobile provides a complete staff alert and monitoring system that can be managed via the RUCKUS IoT Suite. Workers can keep small, discreet REACT Mobile devices on their person at all times. The alert buttons connect via RUCKUS wireless access points (APs), which support BLE connectivity over the same network that blankets the property with Wi-Fi. If a staff member

Legend:
- Wi-Fi
- IoT

Ruckus Virtual SmartZone

IoT Suite Dashboard

3rd Party IoT Management

Ruckus IoT Controller

Physical Security | Lock | Light | Location Based Services

Wi-Fi Control + Management Plane VLAN 0

IoT Control + Management Plane VLAN 801

Wi-Fi Data Plane: Local Break-Out

Wi-Fi Control + Management Plane 172.16.100.x / 24 VLAN 0

IoT Control + Management Plane 172.16.100.x / 24 VLAN 801

has an emergency and activates the panic button, the system instantly alerts the property's security and/or medical services, with the RUCKUS APs providing the worker's precise location.

Once a worker activates the panic button, the REACT Mobile system tracks them as they move throughout the property, providing updated room or location information in real-time. At the same time, the versatile RUCKUS IoT Suite can trigger security cameras, lighting, door locks, and other connected systems to activate as part of the response. You can also use the IoT Suite to generate additional notifications to key responders, including SMS messages, E911 notifications, and emails.

Benefits

With the combined CommScope-REACT Mobile staff alert system, you can:

- **Keep workers safe** using convenient mobile devices that are easy to carry or wear everywhere they go on the property
- **Provide fast help when staff need it** with the ability to pinpoint a device's precise location and, once activated, continually track workers' real-time movement
- **Simplify compliance** with government requirements and industry initiatives for panic buttons and other staff safety measures
- **Reduce IT complexity and lower costs** by supporting alert buttons, Wi-Fi and other hotel services over a single infrastructure
- **Build a foundation for ongoing innovation** with an IoT platform that lets you quickly, easily add new devices and IoT applications without needing separate overlay networks

Get Started

Keeping your staff safe doesn't have to mean high costs and technical complexity. CommScope and REACT Mobile can make deploying wireless panic buttons quick, easy, and cost-effective, while providing a platform for ongoing IoT innovation.

Contact us today to learn more.

CommScope pushes the boundaries of communications technology with game-changing ideas and ground-breaking discoveries that spark profound human achievement. We collaborate with our customers and partners to design, create and build the world's most advanced networks. It is our passion and commitment to identify the next opportunity and realize a better tomorrow. Discover more at commscope.com

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