

// Connected room infrastructure

1. Traditional guest Wi-Fi restrictions

Traditional hospitality Wi-Fi is based on an open network with captive portal authentication. The challenge presented by an open network is that it provides malicious users with easy access to illegally obtain data from other devices connected to the network. Typically, wireless service providers will overcome this by configuring the network in a way that avoids devices from being able to see one another. This does, however, cause further challenges and complexities when introducing any form of IoT device into the mix.

Wifirst breaks through this boundary by providing a true home-from-home Wi-Fi experience called Secure Room Area Network. Secure RAN allows guests to easily and securely interact with IoT devices found in their hotel room, and other authorized devices such as a family member in a safe and secure way thanks to WPA2/3 encryption.

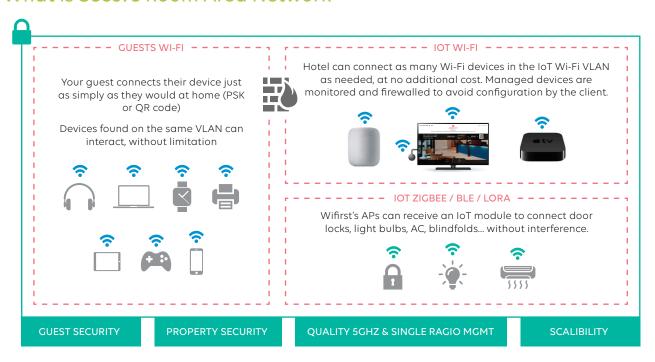


Hotel Guest Wi-Fi without Secure RAN



Hotel Guest Wi-Fi with Secure RAN

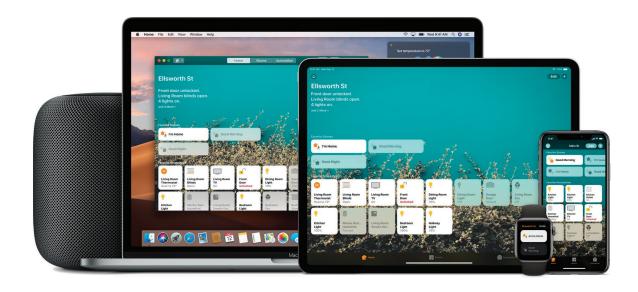
2. What is **Secure** Room Area Network





- Seamless, home-from-home experience for your quests
- Class-leading security for property owned devices
- Converged Wi-Fi + IoT infrastructure to limit interference, complexity and expense
- PMS and Loyalty program integration to create guest's key wherever they check in

// Apple HomeKit based connected room



Our Secure Room Area Network allows your guests to have a native Apple experience by integrating Apple TV, HomePod and Apple HomeKit to create the Apple ecosystem in a secure and familiar way that your guests will already be used to using at home.

// Real-time monitoring for connected devices within each room!

1. Wifirst's extranet

Every connected device within the room is monitored in real-time. This allows your hotel team to instantly detect any potential causes for concern before they become larger issues.

Wifirst constantly monitors all connected devices in all rooms:

- TV
- Apple TV
- HomePod
- · Connected light bulbs
- Sensors
- Connected door locks
- Any other IoT device



2. Real-time alerting

You get to choose how and when staff should be alerted: whether by instant messaging, mail, a call to the reception team, or simply by reviewing Wifirst's App, whenever needed.

// About Wifirst

Wifirst is one of the largest global Wi-Fi Managed Service Providers, having deployed over 200,000 Wireless Access Points, managed and maintained 24/7. We provide Wi-Fi as a service, tailored specifically to the needs of each individual customer. Through the means of site survey, onsite deployment, ongoing service monitoring and proactive maintenance, Wifirst develops custom secure and scalable applications with a strong emphasis on providing users with a seamless experience.

