# Staff Safety using Bluetooth Low Energy (LE) with BluZone™

Deliver real-time safety to staff in hospitals and long-term healthcare facilities.



#### CHALLENGES

Verbal and physical assaults on nurses and other healthcare staff is unfortunately commonplace. 76 percent of all nurses experience verbal and/or physical violence, while 75 percent of 25,000 workplace assaults reported annually occur in healthcare settings. Many healthcare institutions have violence prevention programs in place; however, such programs are often not effective enough against threats when they occur.

### SOLUTION

The GuardRFID® Bluetooth LE Staff Safety solution delivers an advanced, real-time duress call system to protect healthcare workers. The solution includes light, Bluetooth-enabled badges that can be attached to staff IDs and feature user-activated push buttons—this allows staff members to be located quickly and to summon help when needed. Centralized monitoring makes it easy to find staff during emergencies so that help can be immediately sent to where it's called for, and any escalations in violence can be prevented.

## **HOW IT WORKS**

Staff members are assigned a BEEKs™ Duress Badge with push-button support that can be worn with staff member's ISO card. The BEEKs badge communicates their location to the AllGuard® software through BluFi™ beacon management gateway infrastructure and the Bluzone software. If the staff member presses the push-button on the tag, an alarm is sent to the AllGuard software in real-time and the system can be configured to generate various responses, including sending notifications to authorized personnel (for example, security guards) or triggering an audible alarm to help diffuse the situation.



**EMERGENCY** 



GuardRFID's **Staff Safety Solution** allows you to respond in real-time and provide staff protection.



# **Staff Duress Solution**

#### **SOLUTION BENEFITS**

- Lower operational costs by preventing staff injury while providing a safe environment for workers to thrive within.
- Improve patient care by ensuring staff are comfortable and confident in their work environment.
- Integrate with existing hospital systems to ensure your staff safety is part of your larger facility strategy.
- The BEEKs Duress Badge is designed to hold a personalized ISO card and features a push-button that staff can use to trigger duress alarms.
- The Bluzone beacon management software receives the BEEKs badge location information from BluFi gateways, then sends the location details on to the AllGuard software. The AllGuard system can then be used to raise Duress alarms when they occur and trigger the configured responses.

# ISSUES & CHALLENGES



In British Columbia, a nurse is more likely to encounter violence on the job than a police officer

**75%** of 25,000 reported workplace assaults repoted annually occur in healthcare settings

**76%** of all nurses experience verbal and/ or physical violence on the job





