AUTOMATED EMERGENCY ROLL-CALL SYSTEM

Get instant headcounts by using your cell phone, identify missing workers in case of an evacuation, remain compliant with regulations.
Seconds can be crucial in an emergency situation to account for all employees, visitors and guests. Litum Automated Roll-Call System makes this possible with electronic badges and a mobile app installed on your cell phone, with no other hardware installation or external power/network requirement.

Litum provides BLE 5 (Bluetooth Low Energy) beacon badge tags in the form of ID tags to be used by employees, contractors and visitors on a daily basis. Each badge is unique to the owner and has their details saved on the cloud server. The badges are powered with battery and transmit signals that can be read from long distance. Company's employee rosters are retrieved periodically from the time & attendance system. In the event of an evacuation; the safety personnel, using a cell phone or tablet scans the badges, system automatically compares the results and determines who is missing.

**ACCOUNT FOR EACH EMPLOYEE, VISITOR, CONTRACTOR**

**HOW IT WORKS?**

1. **Take Instant Employee Headcounts**
   - The safety personnel (or the staff member in charge of emergency roll-calls) scans the BLE signals transmitted from employee badges at assembly points by using our mobile app. These signals can be scanned by mobile devices from up to 100 meters away and converted to employee lists.
   - This data is transferred to our application service by the GSM network.

2. **Get the Most Current Employee Roster**
   - Our system periodically retrieves the most current employee roster from the company's time & attendance system.
   - You choose how often the data is refreshed in our software settings.

3. **Compare the Lists, Report Who Is Missing**
   - The ID list from the badge scan is compared with the employee roster, and a list of missing people is generated.
   - Employee headcounts can be taken by multiple mobile devices at multiple assembly points. Our system consolidates all of these records.
Meet Health & Safety Regulations

Ensure your company is in compliance of the regulatory health & safety requirements. As part of your safety plan for an emergency situation, there must be a designated evacuation assembly point where employee and visitors can be accounted for to determine if anyone is missing. Our system will ensure you can quickly determine if anyone is not yet in the assembly area and ensure you comply with Health & Safety Regulations.

Eliminate the Panic During an Emergency

The panic of an emergency evacuation makes it difficult to manually count employees who arrive at an assembly point. With an automated headcount system you’ll be able to provide emergency services & safety personnel with instant and accurate information about who may still be inside with no room for an error.

No Hardware Installation

Our system allows you to identify employees wearing electronic ID badges from a long range using mobile devices. Safety personnel use their cell phones or tablets to complete an instant roll-call from a distance of up to 100 meters. The software uploads/downloads important data from a cloud-based server and uses GSM networks to communicate.

No WiFi or External Power Requirement

Our unique system operates even during power outages thanks to sleek, lightweight electronic badges with a built-in battery. The battery lasts for years and actively transmits a signal that can be read by any tablet, or cell phone.
Litum IoT can help minimize the panic during an emergency and ensure that you comply with safety regulations. Contact with our experts and schedule a demo!