



Spot-r EvacTag™

Accelerate jobsite evacuations with the Spot-r solution.

It's Time to Have Confidence in Your Evacuation Process

Construction remains a hazardous and unpredictable industry with the highest number of fatalities across any industry. Precise, timely evacuations are critical – not only to worker safety, well-being and employee morale, but to a project's progress, budget, and overall contractor reputation. To get the job done right, the first time, superintendents must contend with vast sites, diverse workers, loud noises, and often extreme conditions.

Until now, there has been no practical, scalable way to notify an entire jobsite in the event of an emergency evacuation, leaving contractors to rely on air horns or costly, custom alarm systems.

With Spot-r, Efficient Evacuations Are Within Reach

Spot-r EvacTag is the first of its kind construction-specific, real-time solution to notify workers to a jobsite evacuation. Leveraging the Spot-r network and wearable Clip, EvacTags emit a high-decibel, highly visible alert, in which workers are trained—upon hearing or seeing—to evacuate to their muster point.

When it comes to safety, you can't afford a do-over, and Spot-r enables designated supervisors to trigger a real-time, sitewide evacuation alarm with the press of their fingertips. For improved visibility, supervisors can monitor real-time worker headcounts and location by zone and

floor, helping to ensure evacuation procedures are in process and adding a critical layer of visibility and precision to site evacuations.



Gilbane Building Company


"When it comes to site evacuation, every second counts. We are excited about the Spot-r EvacTag because it significantly reduces the amount of time it takes to evacuate workers. Also, because Spot-r lets us track worker headcounts and locations in real-time, we can be sure everyone is accounted for. The safety benefits it offers are critical."


Don Naber, Senior Vice President - Director of Risk Management, Gilbane Building Co.

Spot-r EvacTag At-a-Glance





 100 decibel alarm

 Emergency LED lighting (activated during an evacuation)

 Weather-proof, dust-proof, water-resistant

 Use indoors or outdoors

 Easily mounts to a variety of surfaces

 Plug-and-play

A Visual, Audible, Data-Driven Approach to Evacuations

Streamlined, sitewide evacuations

Augment existing evacuation procedures with EvacTags, which notify workers to a situation that requires evacuation to their muster point.

Powerful visual and high-decibel alarm

When it's time for an evacuation or a drill, workers will be alerted with a 100-decibel alarm from the nearest EvacTag, in addition to the alarm emitted by their Spot-r Clip. LED lighting alerts workers to an issue on site and helps guide a path to safety.

Real-time visibility

See what's happening during an evacuation, as it's happening. With the Spot-r system, personnel can monitor every worker's real-time zone-and floor-based location to manage evacuation progress.

Plug-and-play

Like the rest of the Spot-r system, installing an EvacTag to connect your evolving site takes minimal set-up and maintenance. Simply turn on the EvacTag, pair it to the site's Spot-r network, and select the zone, staircase, or exit to tag with the device. The battery-operated device gets two years power with typical use and can be replaced in the field.

Lettire Construction Cuts Evacuation Drill Time by 72% with Spot-r EvacTag



Comparison of two evacuation drills with similar number of workers per site square footage & floors (9 workers per floor)

Before Spot-r

9.5 Time to Evacuate:
9 minutes
Per 6 floors

Using Spot-r:

2.5 Time to Evacuate
2.5 minutes
Per 6 floors

In respect to an emergency evacuation plan, the Occupational Safety & Health Administration (OSHA) requires:

"The employer shall establish an employee alarm system which complies with 1926.159, 1926.35(c)(1)

"Procedures to account for all employees after emergency evacuation has been completed." 1926.35(b)(3)

The **Spot-r EvacTag** addresses these regulations in the following ways:

- When triggered by designated supervisors in the event of an emergency, the **Spot-r EvacTag** emits a 100-decibel alarm and LED lighting. The system augments current evacuation procedures and amplifies the 80-dB alarm emitted by each individual **Spot-r Clip**, worn on the waistbelt of workers on site. Upon hearing – and seeing – the alert, workers are trained to leave the site and proceed to their muster point.
- The Spot-r system collects and transmits real-time headcounts and floor- and zone-based location of workers wearing the **Spot-r Clip** on the jobsite. This information is accessible from any smart device and helps supervisors monitor worker headcounts and account for worker locations during an evacuation.

Triax Technologies is committed to developing and delivering the first truly connected jobsite, partnering with industry leaders and solution providers to enable real-time, data-driven workforce, safety and project management.

The Spot-r system was developed to tackle the construction industry's unique safety and productivity challenges, stemming from a demonstrated lack of real-time visibility and communication tools. Triax's proprietary networked sensor technology records and transmits key, real-time location and activity data within a defined area. By automating manual processes, monitoring workers and equipment, and leveraging the cloud for real-time insights, Spot-r enables site supervisors to optimize worksite safety and performance, coordinate resources, and save time aggregating and analyzing project data.

Spot-r EvacTag is intended to increase safety and enhance current safety best practices on the jobsite, and should be used in conjunction with, and not as a replacement to, such practices.

A strengthened, streamlined evacuation solution starts with Spot-r. Contact us to learn more.

info@trixtec.com / 203-803-9879 / www.trixtec.com

