Lone Worker

The Problem: Workers who are isolated pose a security and safety risk

Workers who are isolated from other people on a job site—security staff, lone workers, and specialists with jobs in hazardous areas—are especially at risk in case of injury or sudden accident and represent a challenge to existing safety protocols. Existing processes often involve adding another person; safety watches, timed check-ins, and paper-based processes that fail to alert.

The Example: A Lone Worker in Anaphylaxis

John S. the safety coordinator for a Fortune 500 agricultural company, had a job which required extensive solitary outdoor work. With a lifelong **anaphylactic allergy to bee stings**, he was always prepared for unfortunate accidents, but when out of his truck for a quick site visit, he got stung by a bee & instantly realized he'd **left his epi-pen in the vehicle**. Very quickly he realized that he was too light-headed and short of breath to make it back to the truck. In most work environments, this story would have had a terrible ending.

30% of severe worker injuries or fatalities on job sites could be prevented with timely care. Getting treatment for life-threatening injury in the first 60 minutes has dramatic differences in outcomes.

The Solution: Triax Connected Lone Worker

Triax Technology has developed a complete solution to mitigate risk and increase safety for workers no matter how remote they are.

Instant, easy deploy - No IT is required to set up Triax's Lone Worker Safety mesh network. It stands up in 48 hours and requires no special infrastructure or deploy or training to use.

Location services - Real-time visibility of worker's location on the site. Spot-r tags only work on job sites, so they don't track anything about a worker outside their job.

Alert button for help - In the case of an accident, the alert button sends a signal for help along with a specific location within the job site.

Freefall detection - In the event of a fall where the worker cannot activate the alert button, a signal beams out, alerting the site manager of the possibility of a fall, spurring immediate action.

The Result: A different outcome

John S. was fortunate to be at a job site protected with our Lone Worker Safety mesh network. While he had no phone [per site policy] nor felt comfortable trying to walk back to his truck, he pressed the alert button on Spot-r tag and the central office got an instant alert about a worker in trouble. That alert went out to every on-site safety personnel instantly.
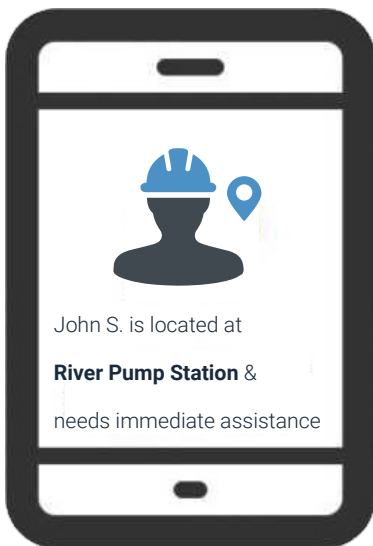
They sent another nearby worker to investigate the worker down report and within 10 minutes someone found John S., got his epipen, and had treated him. Instead of being left alone for hours without treatment—with a long and costly hospital stay as the best outcome in such a situation—John was back at work within 48 hours, with a concrete reminder that he should make sure his epipen is always in his pocket, not in the truck.

Results like this, bringing costs down and saving lives for remote workers in all kinds of jobsites, are one of the best proofs of Triax's effectiveness and reliability.

The Complete Package: Spot-r by Triax

Improving Emergency and Incident Management response times is one important feature that Triax's Spotr technology can deliver, but the full picture of what Triax can do goes beyond that. By connecting workers with real-time communication and location capabilites, companies are unlocking their existing processes to create safer and more productivie facilities.

John S. is located at

River Pump Station &

needs immediate assistance

Who's on site, minute by minute, and areas they are working in
What equipment is in use & by whom
Bottlenecks like tool pickup / laydown or turnstile checkin that drain worker hours
Automate worker zone reporting on complex divested sites to simplify hourly billing

All this information is gathered automatically with geofenced tags that only work on the job site and are 95% error-free, eliminating the errors often noticeable in human gathered data.

For more information or to talk to a team member about how Triax can help your company save money and improve efficiency, visit **www.triaxtec.com**