triax®

Spot-r EquipTag™

Real-time equipment location and operator activity data, at your fingertips.

Reinvent the Way You Manage Equipment, Safety, Schedules and Compliance

Managing heavy equipment and machinery at your jobsite today should be simple, but it's not. Equipment can be time-consuming to locate, impossible to monitor indoors, and it's a guessing game to determine who used the equipment, when, and for how long. With diverse sites, tight budgets, and countless trades to coordinate, a seemingly simple task—like locating a scissor lift for pick up—can take a disproportionate amount of time, setting your schedule and budget back.

Construction equipment – one of the single most expensive items on a project – is difficult to track, difficult to manage, and difficult to ensure operator compliance and safety. In construction the stakes are always high, but heavy machinery and equipment adds another variable into the safety, liability and risk
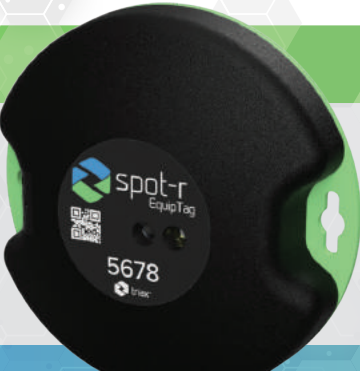
management equation. Can you confidently say you know what's happening with equipment on your site, including who is using it and when? Improper usage of equipment continues to be a leading cause of injury, damage and fatalities on construction jobsites. The current unknowns of who is operating your equipment, if they're being compliant and when it's being used – regardless of outdoor or indoor location – elevates your risk and liability when it comes to safety, which costs you time and money.

Know where your equipment is located, who is operating it, and how it's being used—instantly

Say goodbye to manually locating equipment and guessing about who has been operating it, for how long, and if they're certified. Spot-r EquipTag is the first-of-its-kind plug-and-play,

non-GPS solution to manage your equipment, workforce and overall site safety – indoors, outdoors, at one site or many.

Operating off the same scalable, proprietary network, EquipTags work exclusively with Spot-r wearable clips to identify worker certification information, which can be maintained in the system for each worker, and send immediate alerts in the case of an unknown or unauthorized operator. While EquipTags track the location and activity of equipment on site, Spot-r Clips layer in workforce and certification data, providing a comprehensive view of how your equipment is being operated across your jobsite. EquipTags adhere to any piece of equipment, enabling automatic data collection, and give you the complete resource and workforce visibility you need to coordinate rentals, optimize schedules and improve safety.

EquipTag At-a-Glance

- 24" infrared proximity sensor detects presence of operator
- Easy mounting to any equipment
- 6-month, rechargeable battery
- Durable and rugged

What Machine Telematics Still Can't Do:

Track machines indoors or in areas without clear line of sight to the sky. Spot-r does not rely on GPS, allowing the tracking of any piece of equipment – large or small – anywhere on site.

For all of the great data coming off modern machines, contractors today still don't have a way of knowing who is – or has been – operating equipment. Spot-r can identify this information by linking equipment to specific workers.

Operator certification. Most machines still use a one-key-fits-all approach to machines, meaning anyone can operate it. During worker profile setup, certifications can be added and maintained in Spot-r. The system can then send real-time alerts if an equipment operator is unknown or unauthorized to be using the equipment.

Spot-r EquipTags provide the complete insight into your equipment you've been looking for.

Ensure compliance and mitigate risk.
We all want to get the job done, but not at the cost of employee injury, structural harm or equipment damage. Construction equipment is meant to be used by trained and certified workers only. With Spot-r, you can know, without a doubt, that the right people are using the right equipment, whether it's an aerial boomlift, scissor lift or excavator.

Manage needs and save money.
With Spot-r, there's no need to guess. View reports with active hours in a period, active hours by zone, and active hours by worker type to coordinate trades, prioritize tasks, eliminate idle time and better plan for future projects. Real-time equipment location also streamlines delivery, service and pick-up.

A true plug-and-play solution.
EquipTags require no installation and are easy to use with any piece of equipment. The EquipTag leverages the proven Spot-r network to monitor heavy equipment and show you how your equipment is interacting with your workforce on any site, from any device, at any point in time. Triax actively sets up and monitors your network, preventing power loss or data disruption, and rechargeable batteries with a 6-month life mean minimal maintenance.

Welcome to the First Truly Connected Jobsite

Spot-r by Triax enables the connected jobsite by providing total, digital visibility into your site resources and automatically collecting and transmitting data around how they're interacting with one another.

Spot-r delivers compact, networked wearable devices, designed to be worn by every worker on your jobsite. These devices, combined with our scalable network, provides instant visibility into what's happening with your workforce: where workers are located, what time they arrived, if they experienced a fall, or any hazards or issues they encountered on site. Real-time data, immediate notifications and the tools and visibility to call for evacuation in the event of an emergency and monitor evacuation progress is all possible through Spot-r's innovative system.

Spot-r brings intelligence, safety and transparency to your project via a proprietary, full-service solution that is deployed and maintained by Triax to meet your project's unique needs. Together, Spot-r's network, hardware, and cloud-based dashboard enables real-time worker and equipment location, safety monitoring, and increased efficiency—all at your fingertips.
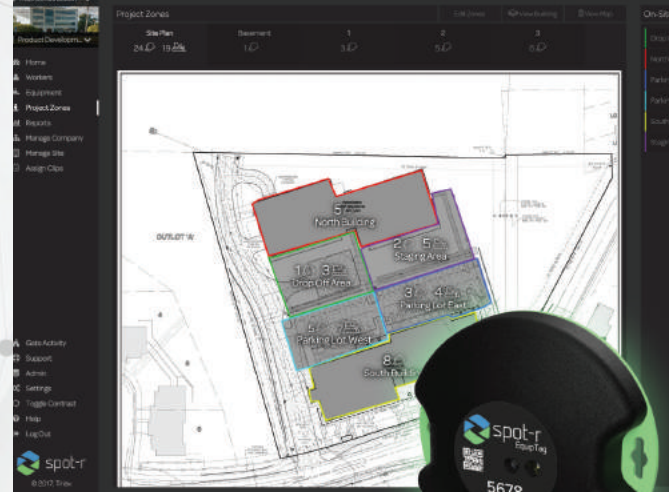
Triax Technologies is committed to developing and delivering the first truly connected jobsite, partnering with industry leaders and solution providers to enable real-time, data-driven workforce, safety and project management. The Spot-r system was developed to tackle the construction industry's unique 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. In the hazardous construction environment, Spot-r sends automatic, geo-tagged safety incident alerts to site personnel, resulting in faster response to potential injuries, improved risk management and enhanced safety culture.

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.

Rethink the way you manage your equipment and workforce, while ensuring safety and compliance with Spot-r.
Contact us to learn more:
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