spot-r radius
by triax®

A streamlined IoT solution for worker safety and sitewide efficiency optimization.

Simple set-up, complex capabilities.

Spot-r Radius improves worker safety with preventative alerts, provides usage data on critical assets, and delivers daily reports to optimize sitewide efficiency

Proactive Safety
Workers receive **real-time alerts** on Spot-r wearables to ensure safety compliance in **restricted zones**, alert them to **hazardous areas**, and enforce **social distancing**.

Actionable Data
Automate the collection of worker **headcount and hours**, crew **productivity scores**, and **labor risk** indicators.

Efficiency Optimization
Monitor **equipment usage** and time on tool, ensure compliance with safety and operational processes, and **streamline productivity** by identifying **efficiency bottlenecks**.

Worker Privacy
We respect the privacy of all personnel. There is **no GPS or location tracking**. Spot-r Radius is designed to identify inefficiencies in aggregate, not to single workers out.

Built for the toughest industries

- ✓ Construction
- ✓ Energy
- ✓ Industrial
- ✓ Manufacturing
- ✓ Mining
- ✓ And More

Digital transformation doesn't need to be difficult.

Spot-r Radius is simple enough to be installed by yourself without the need for an IT team, yet powerful enough to bring unprecedented safety and visibility improvements to your worksite. It provides cutting-edge capabilities without complex installation, maintenance, or IT requirements and delivers the automated data you need to transform your operations.

Supported Use Cases

Proactive Safety Tools

- Real-time worker safety and social-distancing alerts
- Supervision and labor ratio insights
- Safety inspection compliance
- Worker risk KPIs, behavior analytics, and digital contact tracing

Labor & Workforce Efficiency

- Automated time and attendance
- Personalized job-hazard training insights
- Labor billing verification
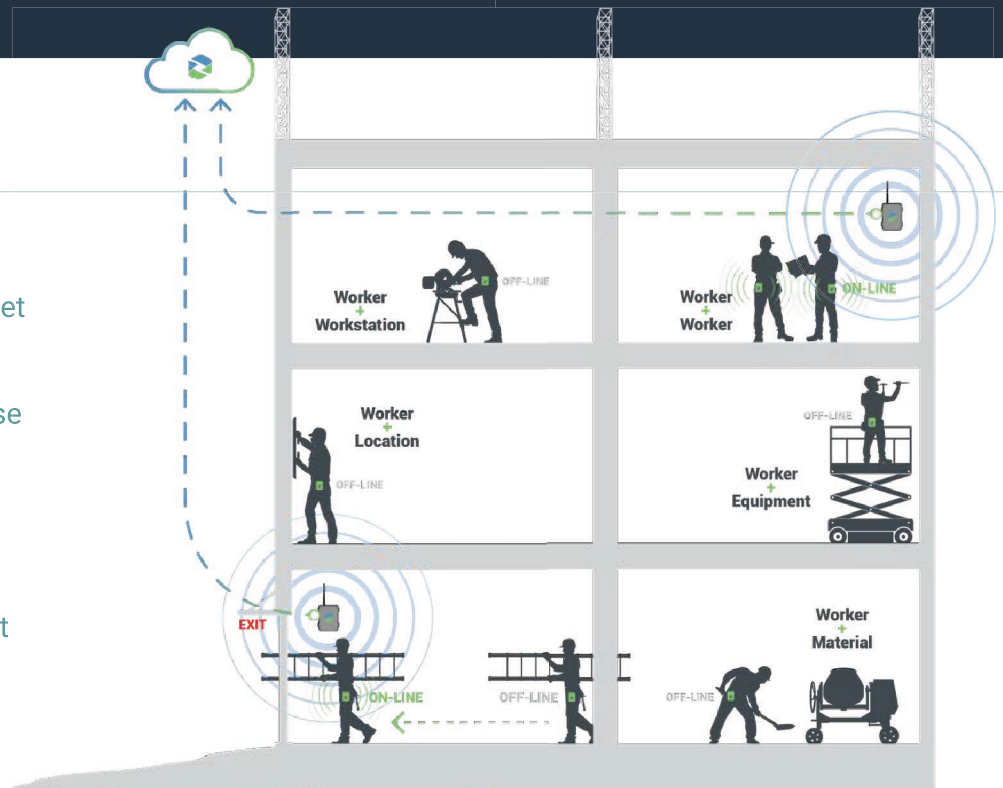- Advanced subcontractor and crew productivity scoring

Static & Mobile Asset Monitoring

- Equipment utilization tracking and operator tool time validation
- Worksite bottleneck identification
- Equipment fleet optimization
- Hazardous/restricted area alerting and monitoring

Spot-r Radius At a Glance

- Rugged and durable worker and asset tags
- Rechargeable battery - months of use between charges
- Assign and reassign worker and asset tags with ease
- Worker tags are worn on a vest, shirt or hard hat
- No dependency on client Wi-Fi or internet
- Intrinsic safety rated
- No GPS or location data

1. Real-time tag alerting
2. Worker-to-worker, worker-to-area, worker-to-equipment interactions logged on tag
3. Interactions are uploaded to the cloud when worker is in range of a gateway
4. Daily data and reporting available to key stakeholders next day