



Case Study

Heavy industry

Full Yard Visibility Reduces Labor and Cuts Costs

2,000

man-hours saved per year

Keeping an overview and managing assets in an expansive layout yard of this US-based construction company required a robust real-time location system (RTLS) resistant to harsh industrial environment. Our IoT solution has replaced manual processes, saving thousands of man-hours, cutting costs, and improving safety.

Key Reasons for Choosing Our RTLS

- Rugged wireless asset tracking tags
- Performs in a hot, bright, and dusty environment
- Reliable connection even through steel and concrete
- Long-distance communication
- Accuracy up to 16 ft (5 m)
- Easily scalable

Solution

- **Precise asset tracking across the yard:** The RTLS combines GPS, Bluetooth, and LoRaWAN to provide accurate data and unlimited area coverage.
- **Industry-grade durability:** The system is built to withstand harsh industrial yard conditions and is dust, UV, and water-resistant.
- **Easy navigation:** A digital map shows the location of all assets and triggers alerts, while custom LED lights and buzzers help workers find them.

“With a real-time location system (RTLS), heavy industry companies can quickly and accurately find assets, minimizing downtime, and eliminating the cost of lost equipment.”

Results

Our RTLS saves the construction company thousands of man-hours each year. Asset search time dropped from hours to just minutes. Consequently, the solution has reduced downtime, eliminated the cost of lost assets, and improved worker safety. The company is now ready to expand its use for predictive maintenance, further boosting efficiency and safety on oil rigs and in hazardous environments.

Explore our indoor locating system!

[READ CASE STUDIES](#)