



Case Study

AI-Enabled Location Awareness for Industrial Safety

Boosting operational efficiency and safety with AI-powered location tracking in industrial environments.

Case Summary

A leading industrial company sought to enhance their safety and operational efficiency. By implementing SLK's TrackShieldAI solution they achieved real-time tracking automated safety measures and seamless integration with existing systems leading to significant improvements in both safety and productivity.

Business Impact

50%

Reduction in manual monitoring costs

Enhanced safety compliance

30%

Increase in operational efficiency

Rapid emergency response

The Challenge

In the process of enhancing efficiency and operations, our customer came across below bottlenecks.

- Inefficient Personnel Tracking:** Manual methods were time-consuming & prone to errors leading to safety risks.
- Limited Emergency Response:** The lack of real-time data hindered effective emergency response and mustering.
- High Operational Costs:** Manual monitoring required significant resources increasing operational costs.
- Inconsistent Safety Measures:** Safety protocols were difficult to enforce consistently across multiple sites.

The Solution

SLK's TrackshieldAI solution helped the customer overcome challenges by streamlining operations with automated monitoring system.

- Real-Time Monitoring:** AI-driven tracking ensured continuous, accurate personnel location data.
- Geofencing Alerts:** AI-powered alerts for boundary breaches.
- Emergency Mustering:** Automated tracking during evacuations improved safety protocols.
- AI-Enhanced Safety Management:** Panic buttons, drop sensors, and safety alerts.
- Configurable Maps:** Customized AI-defined zones for targeted monitoring.
- Data Integration:** Integrated AI-driven data with existing systems for comprehensive tracking and analysis.

Get in touch! Write to us at hello@slkgroup.com