

Muck Truck Mobile Tracking Solution

This mobile tracking solution enhances the safety, security, and operational efficiency of muck truck fleets. It provides real-time data, alerts, and reports to improve management efficiency.



System Overview



Overview of the integrated monitoring system components, including sensors, cameras, and display interfaces.

Smart Fleet Management for Muck Trucks

This advanced mobile tracking solution is engineered to optimize the safety, security, and operational efficiency of muck truck fleets. By integrating real-time tracking, driver behavior monitoring, and specialized cargo sensors, it provides fleet managers with actionable data and alerts to reduce labor costs and improve overall management. The system ensures compliance and safety by monitoring routes, cargo integrity, and driver performance throughout the entire journey.

Safety & Monitoring

Safety Features

Driver Monitoring System (DMS), Blind Spot Detection (BSD), Real-time Route Tracking, Fatigue Detection, Hazardous Behavior Alerts

Cargo & Vehicle Sensors

Sensor Capabilities

- Sealed cover and seal sensors
- Compartment lift monitoring
- Leak detection system
- Weight sensors
- Muck bin tilt and turnover detection

Interface & Display

Interface Components

Android Navigation Display • Emergency LED Display • Front View Camera • BSD Camera

Operational Alerts

Alert Types

Condition	Action
Route Deviation	Send alarm to management platform
Driver Fatigue/Smoking	Driver alert/Warning
Bin Leakage/Tilt	Driver alert