



Asset Telematics
We Deliver Da Performance

AssetConnect: Revolutionizing Equipment and Machinery Management in Construction

Enhancing Efficiency and Reducing Downtime with Real-time Equipment Tracking

Challenges in Construction Equipment Management

Current Challenges:

- High operational costs
- Equipment breakdowns and delays
- Difficulty tracking machine locations and usage
- Safety and compliance concerns

| How AssetConnect Solves These Problems?

Solutions with AssetConnect:

- Enhanced real-time tracking
- Equipment status updates and predictive maintenance
- Improved safety and compliance
- Centralized data for decision-making

| Account Management

Features of Account Management:

- Role-based access control for various users (Fleet Admin, Manager)
- Hierarchical organization for large fleets
- Onboarding portal for drivers, contractors, and equipment

Take Away:

By enabling effective onboarding, companies save time and reduce manual tasks.

| Trip Management

Optimized Scheduling and Route Management:

- Efficient trip creation for equipment deployment
- Route optimization for site-to-site transfers
- Machinery examples: Pavers, Drilling Machines, Graders

Take Away:

By enabling trip management, companies will be able to increase On-Time Delivery Rate and Optimized Routes which saves 15% of fuel costs

Reports for Heavy Machinery

Comprehensive Reports for Better Decisions:

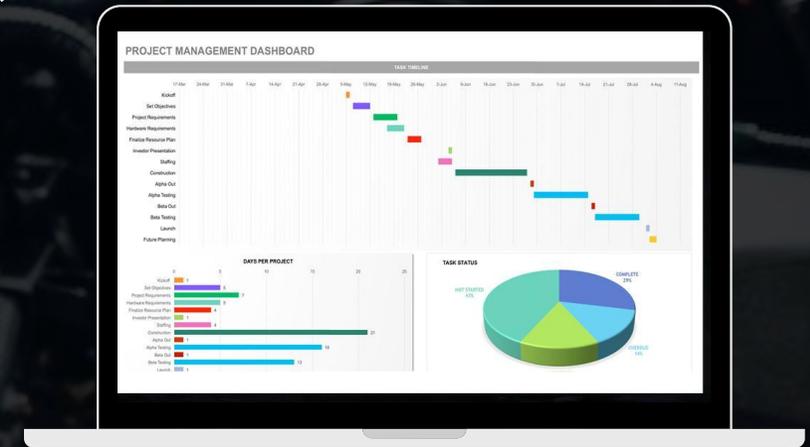
- Usage, health, and performance tracking
- Driver performance and safety reports
- Examples: Trip reports, Geofence violations, Vehicle health alerts

Take Away:

- 25% reduction in fuel expenses through Fleet Management
- Safety violations reduced by 40% through telematics & real-time monitoring



Battery Insights & Analytics



Vehicle Insights & Trend Analysis

| Vehicle and Machinery Management

Real-Time Monitoring and Health Status:

- Real-time tracking of equipment (e.g., Excavators, Wheel Loaders, Dump Trucks)
- Historical playback for operational analysis
- Health monitoring for proactive maintenance

Take Away:

- Predictive maintenance reduces breakdown incidents by 20%

| Control Tower & Dashboard for Fleet Visibility

Centralized Dashboard for Fleet Management:

- Live monitoring of all machinery on a map
- Key statistics for fleet performance
- Examples: Crawler Cranes, Compactors, Forklifts

| Driver & Operator Monitoring

Monitoring Operator Safety and Behavior:

- Tracking harsh handling (braking, rapid acceleration, over-speeding)
- Real-time alerts for safety violations
- Machinery examples: Cranes, Excavators, Dump Trucks

| Vehicle Health and Maintenance Alerts

Proactive Maintenance for Reduced Downtime:

- Real-time alerts for equipment health
- Prevents breakdowns and costly delays
- Examples: Hydraulics, Engine Health, Fuel Monitoring

Geofence and Alerts for Restricted Areas

Enhanced Security with Geofencing:

- Alerts for equipment moving in/out of restricted zones
- Prevents unauthorized usage of high-value machines
- Examples: Boom Lifts, Excavators, Scissor Lifts

By integrating **real-time analytics**, we will have comprehensive insights into fleet, enabling faster decision-making, operational cost savings, & increased equipment productivity.