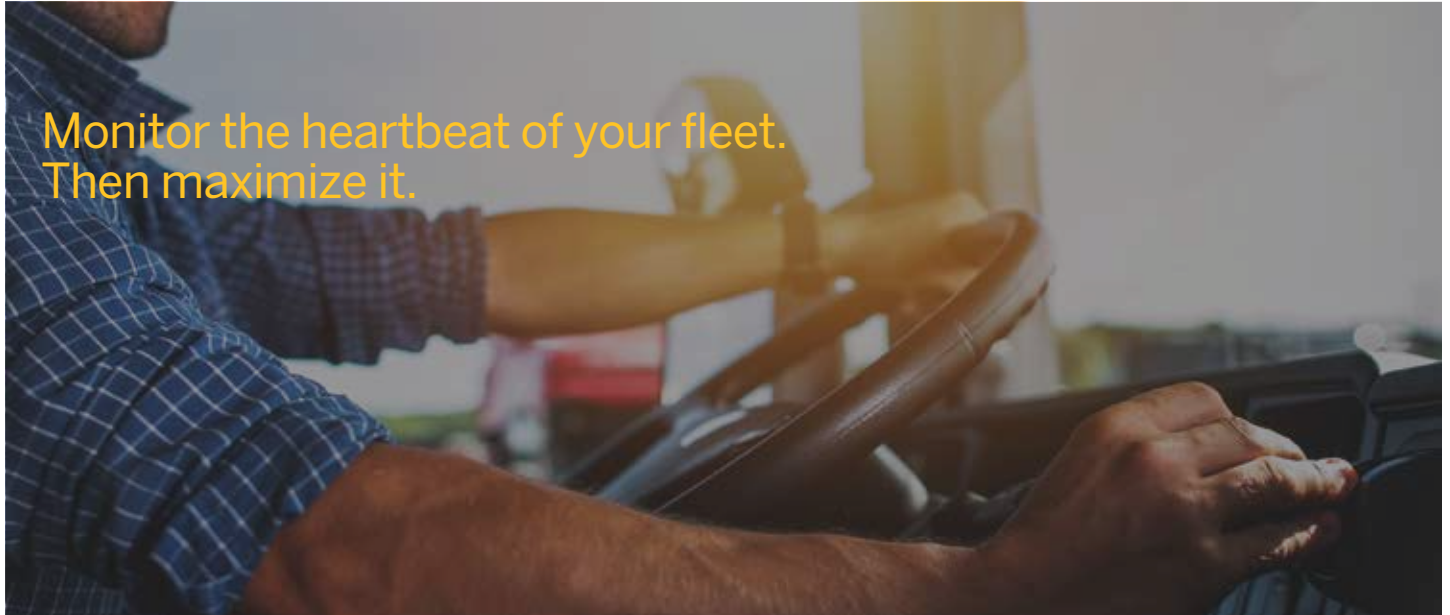




Trimble PULSE

Telematics



Monitor the heartbeat of your fleet.
Then maximize it.

Benefits



For Fleet Managers

- ▶ Ensure that your vehicles are where they need to be, when they need to be
- ▶ Optimize fleet operating costs through active monitoring of fuel consumption, idle times, and driver behavior
- ▶ Pro-actively manage vehicle maintenance to reduce mechanical failures
- ▶ Automatically generate service requests from inspection records
- ▶ Monitor how vehicles are driven, with video and scoring, to reduce harsh maneuvers and speeding
- ▶ Evaluate driver behavior and correct unsafe activity through coaching or remediation
- ▶ Identify unsafe locations and routes to avoid dangerous incidents

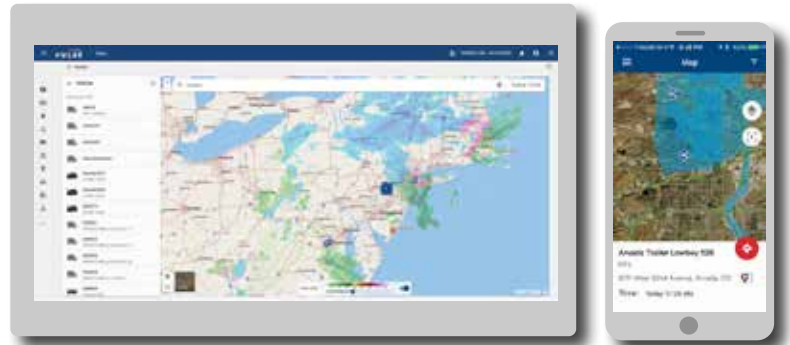


For Equipment Managers

- ▶ Know where all your equipment is deployed and how it is being used
- ▶ Make intelligent equipment allocations using real-time utilization information
- ▶ Identify equipment with excessive idle time and fuel consumption to reduce your operating costs
- ▶ Reduce equipment theft and misuse through movement alerts and geofences
- ▶ Proactively manage maintenance and generate service requests to ensure your equipment stays operational
- ▶ Receive alerts for upcoming maintenance or service issues
- ▶ Manage and analyze your AEMP data from a mixed fleet on a single platform

FLEET MONITORING

- ▶ Ignition and Running Status
- ▶ Vehicle Speed and Current Heading
- ▶ Battery Level
- ▶ Event Timeline and Travel Path
- ▶ Mapping and Geofences
- ▶ Speeding and Idling Alerts
- ▶ Location, Time, and Proximity Alerts
- ▶ Fault Codes and Seat Belt Alerts



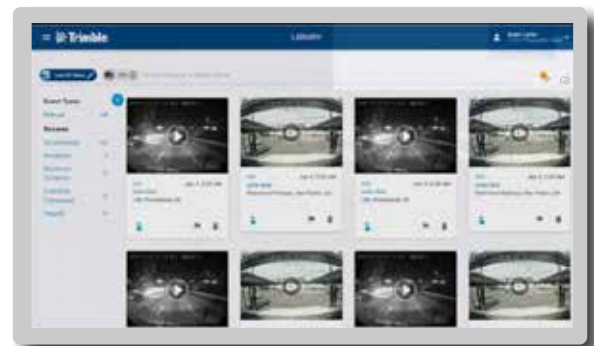
DRIVER SAFETY

- ▶ Events and Scores
- ▶ Team and Site Dashboards
- ▶ Dangerous Location Mapping
- ▶ Incident Mapping and History
- ▶ Individual Driver Mobile Scorecard
- ▶ Vehicle Event Intelligence
- ▶ Posted Speed Violations



VIDEO INTELLIGENCE

- ▶ Driver Event Recording
- ▶ Forward and Driver-Facing Cameras
- ▶ More than 40 hours (32GB) of Video Storage
- ▶ Video Review On Demand



EQUIPMENT MONITORING

- ▶ Engine Hours
- ▶ Ignition and Running Status
- ▶ Event Timeline and Travel Path
- ▶ Mapping and Geofences
- ▶ Motion with Ignition Off Alerts
- ▶ Battery Low or Disconnected Alerts
- ▶ Location, Time, and Proximity Alerts
- ▶ Maintenance Due Alerts

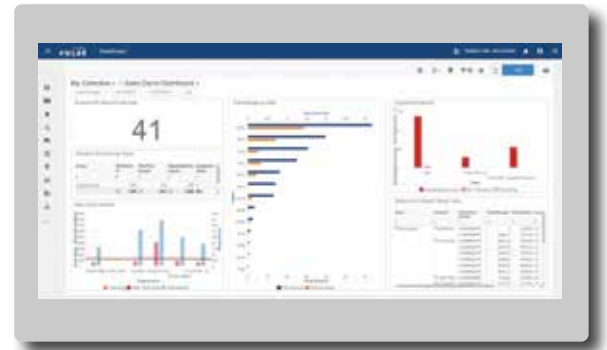


Features



UTILIZATION

- ▶ Vehicle Distance, Idle Time and Fuel Consumption
- ▶ Equipment Operating Hours
- ▶ Movement History
- ▶ Group Equipment or Vehicles for Analysis
- ▶ Dynamic Reports and Dashboards
- ▶ Reporting by Organization, Group, and Location
- ▶ Trend Analysis



MAINTENANCE

- ▶ Maintenance Plans for Equipment and Vehicles
- ▶ Intervals Based on Hours, Time, or Odometer
- ▶ Multiple Maintenance Items per Schedule
- ▶ OEM Plans and Schedules
- ▶ Record Maintenance Performed per Plan
- ▶ Capture Unplanned Service or Maintenance
- ▶ Alerts when Maintenance is Due



INSPECTIONS

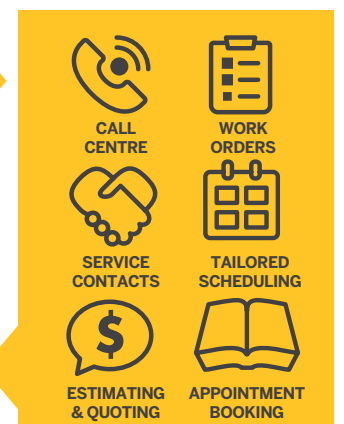
- ▶ Configurable Mobile Inspection Forms
- ▶ Photo and Notes Attachment
- ▶ Inspection and Maintenance Record Keeping Associated with Vehicle or Equipment
- ▶ Mobile Location Capture on Inspection
- ▶ Service Requests Automatically Generated from Remote Inspections



AEMP & INTEGRATIONS

- ▶ Configurable, Integrated Analytics Dashboards including Data from a Mixed Fleet
- ▶ Inbound and Outbound Data Sharing through AEMP
- ▶ Seamless Integration with Trimble PULSE Service for an end-to-end service work flow
- ▶ Connect to Existing Business, ERP and Dealer Management Systems
- ▶ Easy to extend with REST APIs

Trimble PULSE Telematics



Trimble PULSE Service

Telematics Devices

A wide range of device options are available to connect your fleet. The more data you have about your fleet the more power you have to get work done right. Trimble PULSE[®] tracks your vehicles and equipment so you can analyze real-time data providing you the confidence that only comes from data driven insights.

Commercial Vehicles

TVG 370

Plug & Play (OBDII), Light Duty Vehicle Tracker with Driver Behavior Monitoring and Vehicle Diagnostics



TVG 675

Powered, Light & Heavy Duty Vehicle Tracker with Driver Behavior Monitoring, Vehicle Diagnostics, and I/O Sensor Inputs



Trimble PULSE

From the field to the office, there's life in your work. A heartbeat that keeps all systems flowing. Our technology connects, monitors, and analyzes the moving parts of your business to make your work smarter, faster, easier, and more profitable. From assets to operations, your work will never skip a beat. That's Trimble PULSE.

Mobile Equipment

TAG 150

Battery Powered, Asset Location Tracker with 7-year Battery Life



TAG 200

Powered, Mobile Asset Tracker with Utilization Monitoring and I/O Sensors Inputs



TVG 680

Powered, Ruggedized Mobile Equipment Tracker with Utilization Monitoring and Equipment ECU Connection

