Clevest Location Solutions

AVL functionality with advanced engine diagnostics and hours-of-service reporting

Key Benefits of Clevest Location Solutions - PREMIUM

Vehicle location reporting: View vehicle locations on a map, making it easier to assign work, ensure worker safety and mange logistics — like meals and accommodations — during major events.

Driver behavior: Reports/alerts on whether drivers are speeding, idling excessively, or stopping the vehicle for long periods. View and print "driver scorecards" for review with workers.

Evaluate vehicle diagnostic data: Monitor fuel consumption, service intervals, and diagnostic codes directly sent from the vehicle bus — for both light-duty and heavy-duty vehicles.

Vehicle event alerts: Be automatically alerted when certain events occur — such as a geofence is breached or a driver speeds or idles excessively.

Hours-of-service (HOS) reporting: Monitor driver hours, and be alerted when HOS thresholds are being reached or have been breached.

Related product lines:

- Mobile Workforce Management
- Advanced Network Deployment
- Meter Reading
- Mobile GIS

Once your vehicles leave your utility's yard, do your dispatchers know where they are at all times?

Maximize the efficiency and safety of your field employees with Clevest's utility-specific advanced location solution.

CLEVEST

Clevest Location Solutions – Premium allows utilities to assign work to the closest worker and monitor vehicle locations and status in near real-time. In addition to driver behavior reports and dashboards, advanced engine diagnostic capabilities, enable utilities to identify and correct problems – before they become issues. Hours-of-service reports and alerts are included to ensure drivers are legally compliant with your regulatory environment.

The Premium solution provides near real-time GPS-based locations of vehicles via a next-generation, browser-based application for office staff. The solution tracks all vehicle information on the map and helps dispatchers and managers in the office determine the closest vehicle to a task to quickly address any issues that may occur.

Get reports/alerts on whether drivers are speeding, idling excessively or stopping the vehicle for long periods, and then view and print "driver scorecards" for review with workers. Monitor fuel consumption, service intervals and diagnostic codes; and receive automatic alerts when certain events occur – such as a geofence is breached or a driver speeds or idles excessively.

How it Works

With Clevest Location Solution – Premium, head office can seamlessly track vehicle locations – where they are, where they've been and how they are being operated – via an integrated GPS gateway with no intervention by driver or passengers required.

Geolocate and protect your fleet and respond to incident reports today, with features such as:

- Web-based office client
- Vehicle tracking
- Geofences
- Breadcrumbs
- Driver behavior reports and dashboards
- Engine diagnostics
- Hours-of-service reporting and alerting

Knowing exactly where your vehicles are greatly enhances worker safety. The Premium solution's geofencing capabilities alert dispatchers when vehicles move in and out of certain areas.

Geolocate vehicles and manage your fleet with premium features such as:

- Vehicle historical routes and breadcrumbs
- Light- and heavy-duty vehicle support
- Engine trouble codes
- PTO reporting
- Odometer and engine hours (via ECM)
- Fuel tax reporting
- Hours-of-service
- Fuel usage

Optional add-ons:

- GIS and outage management data
- Driver ID
- Voice commands
- Asset tracking
- Basemaps
- In-vehicle ELD

CLEVEST

Locate and track vehicles View location history Build custom reports View alerts Report on hours-of-service Diagnose engine trouble codes PTO	Stay safe Stay productive Lower carbon footprint Be alerted to unsafe driving Alert fleet operations to unsafe vehicle issues	GPS location tracking Theft prevention Engine diagnostics Heavy- and light-duty vehicle hardware

Maximize the efficiency of field operations with system recommendations for work assignments, mobile supervisor tools, and navigation features.

Why Clevest Location Solutions?

Clevest Location Solutions – Premium can export location data to external systems such as your OMS to extend geospatial awareness. Location data is displayed on maps in Clevest's web-based office client, or 3rd party systems. Back office workers are provided with better situational awareness with better operational decisions and incident response.

Field operation safety and productivity are increased, outage response time is improved, and fleet costs are controlled while fuel consumption and emissions are reduced.

The Premium edition is fully scalable and configurable to suit utilities of all sizes, and can be hosted on-premise or in the cloud. With this flexibility, the solution can be readily adapted to evolving business processes and requirements as a utility grows in its application of mobile workforce management.

You'll benefit from our experience delivering over 250 interfaces and integrations to CIS, EAM, OMS, GIS, AMI, 811, and other third party systems.

For additional business value, the Premium solution can be easily combined with other Clevest products or upgraded to Clevest's Platinum edition when utilities are ready to take operations to the next level.

	STANDARD	PREMIUM	PLATINUM
Vehicle location tracking (near real-time)	●	●	●
Vehicle breadcrumbs	●	●	●
Vehicle event alerts	●	●	●
Vehicle geofences	●	●	●
Notify on exit	●	●	●
Ping vehicle	●	●	●
Device tampering detection	●	●	●
Multiple map types (roads, satellite, traffic, custom)	●	●	●
Standard and custom reports and dashboards	●	●	●
Report scheduling and export	●	●	●
Data extract via API	●	●	●
Console access in the field via Android and iOS	●	●	●
Locate nearby vehicles in the field	●	●	●
Driver ID (requires additional hardware)	●	●	●
Estimated odometer and engine hours (via GPS)	●	●	●
Speeding alerts (posted speed limits)	●	●	●
Vehicle maintenance reminders: scheduled by time or distance	●	●	●
In-vehicle driver alerting		●	●
Aggressive driving (acceleration, braking, cornering, speeding)		●	●
Collision reconstruction		●	●
Actual odometer and engine hours (via ECM)		●	●
Vehicle maintenance reminders: by ECM mileage or ECM engine hours		●	●
Auxiliary equipment monitoring (PTO)		●	●
IFTA fuel tax reports		●	●
Impact detection		●	●
Vehicle geofences		●	●
Engine faults		●	●
Fuel usage reporting		●	●
Vehicle sensors (IOX)		●	●
Real-time vehicle location reporting			●
Electric vehicle reporting			●
Spreader and sensor integration			●

Clevest provides innovative workforce management software that connects the mobile workforce to office operations, enabling utilities to rapidly automate and optimize any field work activity or process to improve response time, safety, productivity, and effectiveness. Clevest integrates with leading enterprise systems, with configurable solutions that can be deployed on-premise or in the cloud.