

Cello-CANiQ™

Intelligent Fleet Management Solution



Cellocator Division
Pointer Telocation Ltd.

Intelligence is all about Processing Multi-Source Data to achieve Effective Results. This is the Cello-CANiQ in a Nutshell.

With the advanced multi-source data analytics delivered by the Cello-CANiQ, your business intelligence is reinforced and operating costs are reduced.

This is realized through reduced fuel consumption, lower warranty expenses, improved driving habits, optimized maintenance time and much more.

The Cello-CANiQ is an intelligent fleet management solution, utilizing a smart algorithm to combine data from various vehicle environment interfaces. These interfaces include standard CANBUS and OBD, driver identification, serial communication with third party devices, discrete, analog and frequency measurement ports, voice channel, and others.

All of which are designed and configured for maximum flexibility in CAN data aggregation, filtering, processing and event triggering.



Highlights

- Real-time & on-board triggering logic.
- Direct CANBUS & OBDII connectivity with full CAN2.0b support.
- Full compatibility with J1939 for medium and heavy trucks including FMS.
- Flexible and configurable maneuver and trip scoring logic. Includes on-board ECO and safety scores trip calculation, and online & real-time driver feedback display.
- DTC request / report logic over supported CANBUS protocol.
- Drag & Drop' GUI to configure vehicle-data collection and action triggering rules via the CAN Editor tool.
- High performance Hybrid GNSS (GPS + GLONASS).
- Scalable cellular communication (2G, 3G).
- Provided with complementary vehicle library and bus inspection services per demand.

Use Cases

Operation and Fuel Efficiency

Fuel flow rate used in order to calculate the total fuel consumed during a trip.

Remote Diagnostics

Real-time vehicle performance profiling, including engine temp, oil pressure, tire pressure, emission and fuel consumption to facilitate preventive maintenance.

CAN Editor

A graphical drag & drop tool designed to configure CAN related information sources and create triggers that can be downloaded to the unit.

Fleet and Driver Safety

Flexible and configurable maneuver and trip scoring logic. Includes on-board ECO and safety scores trip calculation, and online & real-time driver feedback display (DFD).

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