

ASTUS CAN



Get Connected to the Onboard Computer!

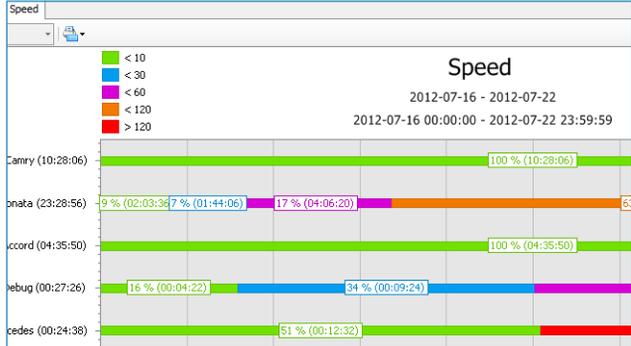
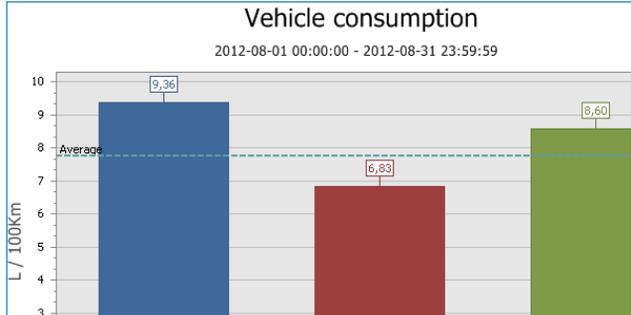
It's a known fact that bad driving behaviors lead to faster wear of vehicles and higher fuel consumption. But how to know which vehicles have suffered misuse and when those misconducts happened? With Astus CAN!

Our Astus CAN module is an extension of our main module, Astus Tag, directly connected to it to diversify its capabilities. Astus CAN enables more accurate readings of vehicle data. This is the perfect tool for assessing your employees' eco-driving habits.

By using data reported by Astus CAN, you can now target any misconduct and achieve substantial savings as much in fuel as in vehicle maintenance.

Astus CAN Capabilities

New features, derived from CAN-Bus data, are added to the basic Astus Tag functions.

 SPEED AND DISTANCE	This data is usually reported by Astus Tag, but when Astus CAN is connected, the data is taken directly from the ECM for increased accuracy.	
 FUEL CONSUMPTION	With a CAN-Bus connection, you can know the exact consumption of your vehicles.	
 RPM AND SPEED RANGE	Reports are available to highlight the time spent in each RPM and speed range, to help analyze your drivers' eco-driving habits.	
 SPEEDOMETER	Odometer reading is available on heavy vehicles only (using J1939).	

Variations

Astus CAN is available in two main versions*:

- **J1939** Heavy vehicles (based on J1939 or FMS standard)
- **OBD2** Light vehicles (manufactured after 1998, with a SAE J1962 connector and supporting protocols ISO 15765-4, ISO 14230-4, ISO 9141-2, J1850 VPW or J1850 PWM)

For each model, there's an Astus CAN variant that's combined with Astus ID to also benefit from the RFID control features (driver identification, doorlock/unlock, etc.). Contact your Astus representative for the possible combinations.

*Please note that some information may not be available depending on the year and make of the vehicle.

ASTUS ID



Identifying Your Drivers and Controlling Access to your Vehicles

Combining the Astus Tag with our RFID reader makes it possible for the fleet administrator to identify drivers and manage vehicle permissions remotely.

Administrators can now associate the data received to a person, which is especially useful for companies whose vehicles are shared by multiple drivers.

Now it's easy to identify who was driving when you recorded speeding or a late delivery, thanks to Astus!

Features of Astus ID

Driver authentication and vehicle access permissions and restrictions (e.g. restriction of certain vehicle classes)

Personalized reports in Astus software can be used as a basis for determining working hours to generate payroll

Remote door lock/unlock (optional)

Ignition interlock to restrict vehicle access (optional)



Benefits of Using the Astus ID System

-  If you already have an RFID access control system for your business, you will likely be able to use your existing cards for your fleet (Note: all card systems are not compatible. Contact your Astus representative for more information.)
-  Greater control over vehicle use, e.g. rotational use of vehicles or car-sharing service
-  Fewer driving offenses due to traceability of actions
-  Improvement of driver evaluations through use of custom reports
-  Personalized data in Astus

Trick for Saving Energy

To conserve battery power, our unit enters "Sleep" mode when not in use for an extended period, and "awakes" when a hand is waved in front of the reader. The user can then swipe the RFID card in front of the reader and Astus ID will react accordingly. Audible and visual indicators reflect the system status.

With the use of this method, the module consumes almost 20 times less energy than a reader that stays active!

