



CANBUS SOLUTIONS

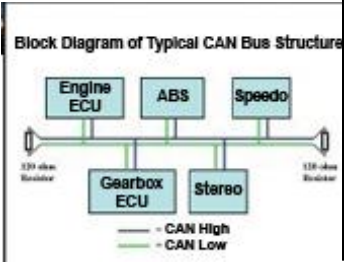
HIGH VALUE VEHICLE DATA PROCESSING

COLLECT AND ANALYZE VEHICLE DATA



CANbus FMS & OBD

We, at SilverStar understand that your company needs fleet management solutions (FMS) that are practical and efficient. We add CANbus information to your Telematics solutions and tailor it to the needs of your company. You can turn to us for the CANbus fleet management device that your company needs as our J1939 interface works with all makes of vans and trucks.



SilverStar offers CANbus and integrates products and solutions for CANbus and vehicle data processing. We are experienced in automotive applications and have the knowhow for interpretation of vehicle signals. Our systems are used in the automotive, telematics, industrial and off-road industry.

How does the CANbus system work?

This system works by integrating the tracking and telematics electronics in your vehicle with a transport management solution. This provides the highest value end to end system that the transportation and logistics industry has ever experienced. It gives you all the visibility and control you'll ever need to manage your fleet of vehicles to maximum profitability.

What is a FMS Interface and how will it help your fleet?
A FMS Interface is an electronics device to read data from a vehicle network like CANbus and translate the data into standardized protocols like CANbus FMS/J1939 or RS232.

FMS interfaces have functions to:

- Act as a firewall, so the vehicle data network cannot be interfered
- Translate the proprietary vehicle signals into FMS standard
- Filter data, not all data is made available



What can we do for you?

We supply you with easy to use electronic equipment to make full use of CANbus, vehicle data and diagnose signals. We can advise you how to interpret this data, build measurement systems and integrate the system into your application. If required we can develop your solution and deliver it "Connect & Go".



Your business can benefit from using the SilverStar CANbus system:

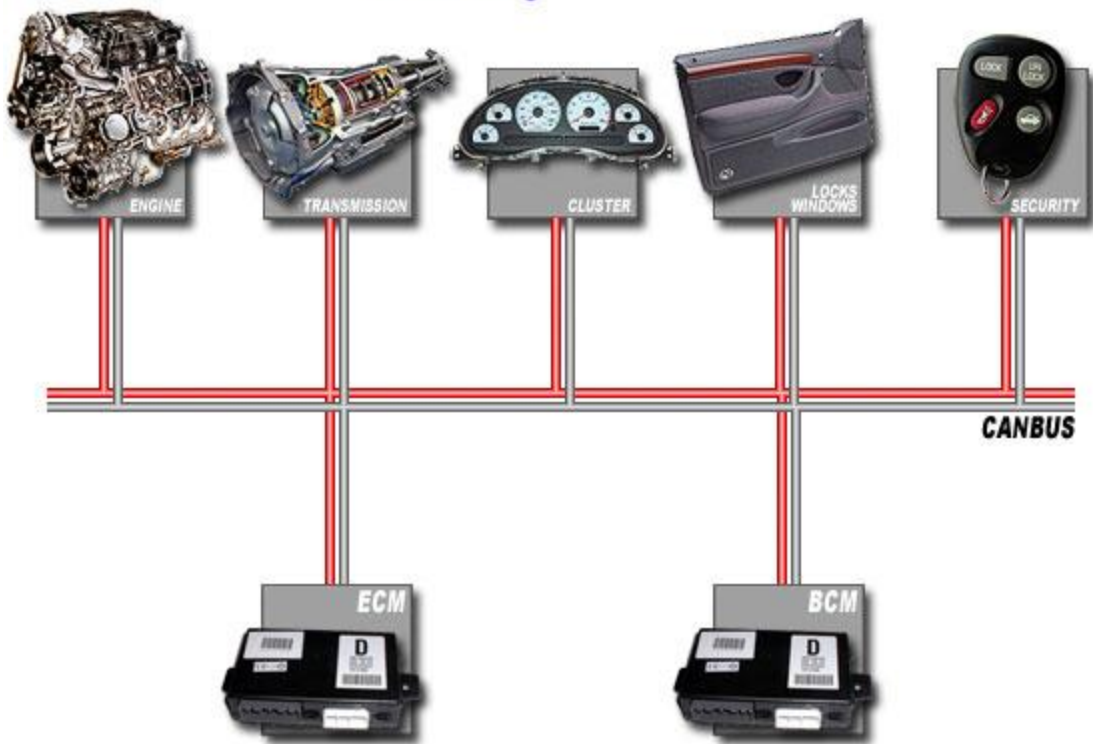
- Get information about trip, engine and driver performance
- Collect and analyze vehicle data
- Save fuel/improve driver behavior/reduce carbon emissions
- More accurate data available than manufacturers' interface
- Easy to connect with our telematic devices
- Output standard FMS/J1939 data or RS232 (ASCII)
- A single solution for your entire fleet (trucks, vans and cars)



Functionality that helps your business

- CANbus can be linked with our GPS (Global Positioning System) to track a vehicle and to ensure it only works where it has been allocated.
- CANbus can bring together several systems, eg weighing systems, information logging, statistics, servicing reports, time per job etc.
- Fast and low cost servicing and backup is another factor.
- No more wasted investigation into why a vehicle has a problem; the fault diagnostic with complete error message will highlight the problem - and it's also available by **mobile telephone**.
- Safety features and error detection can be added to ensure equipment cannot be overloaded or misused and only correct commands are executed.
- In the event of misuse the process will be stopped and logged.
- Finally, there's high reliability where it counts and the use of standard sensors at low cost keeps costing down.

Vehicle Wiring: CAN Bus network



Typical CANbus

