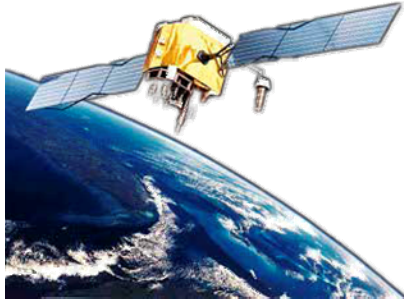


mazore

Trading Ltd

distance under control



Can-66

CAN bus Extension for locate Remote Control Units

In each modern truck and passenger car at least one **CAN bus** is available.

The **CAN bus** constantly supplies a variety of data of the vehicle. Evaluation of this data can show the owner of the fleet various ways how to save money by optimizing the use of the vehicles.

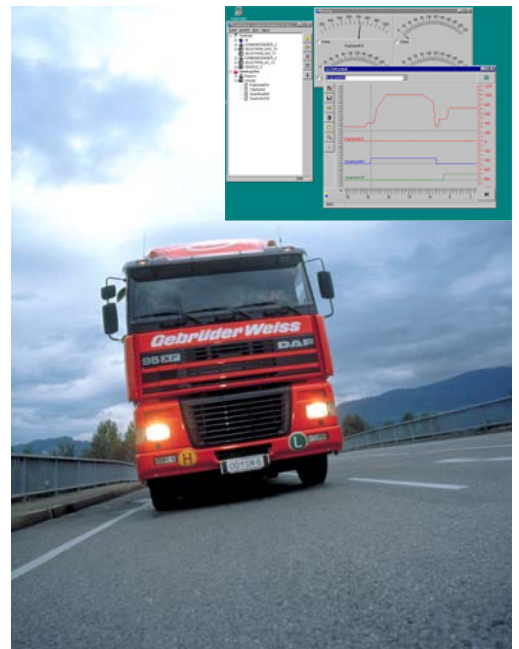
- **Fuel saving by driver training**
- **Fuel saving by optimal selection and adjustment of the vehicles**
- **Fewer accidents by adapted and supervised driving style**
- **Less abrasion of the vehicles by monitoring and motivation**
- **Less and cheaper service stops by remote supervision of the condition of the vehicles**

Typical users of this technology:

Beneficiaries of the CAN data evaluation are forwarding businesses, rental car companies, truck leasing companies, users of fork-lifts, operators of car sharing fleets, public transportation companies, leasing companies and companies that operate construction machines.

With the products of our **can-66 family**

you will receive a **CAN bus** solution, which is independent of individual vehicle manufacturers and which supports amongst other features the FMS standard.



CAN bus evaluations for the well-being of driver and enterprise

Our locate-32 on board unit transfers data pre-processed by our **can-6602** via GPRS or SMS to our M2M-commserver.

Once there arrived, the **CAN bus** data can be used as following:

- You access the determined **CAN bus** data with your own software. Appropriate data base information is provided by us for your disposal.
- You use our can-6607 extension of fleet-controlweb, an internet based software for the examination of CAN bus data.

Can-6607:

The analysis tool to minimize fuel consumption and to improve the driving style of your truck drivers

The operators or owners of fleets are interested to be informed about the condition of the vehicle, the fuel consumption and the handling of the vehicle by the driver.

The analysis software **can-6607** provides the analysis for this purpose.

It is proven that employees, who may not identify themselves with their firm or their vehicle may drive very rough in order to bring the vehicle as fast as possible to that point where it must be exchanged and/or they just treat the cars very rude.

With our **can-6607** such situations can be promptly recognized. In addition various parameters of vehicles can be supervised (e.g. flares, mileage, oil temperature etc.). This allows to constantly determine the date for the next service interval, the necessity for extraordinary service stops etc.



Our can-6607 is a total concept, which consists of two components:

- a controlling package
- a care package

The controlling package

Equipped with one of our **on board units** and our **can-6602** the data which has been collected from the vehicles is transferred via GPRS or SMS to the central data base.

The installation of the onboard unit as well as of the **CAN interface** is a no-brainer, and usually requires no technical changes in the vehicle. The central data base seizes and archives all incoming vehicle data. Analyses of the fuel consumption, of the driving style and of other data received from the **CAN interface** of the vehicle is provided by a web-based analysis software.

The care package

The employee is crucial! Only by its assistance, motivation and its know-how you will succeed in reaching reasonable savings in vehicles costs. But in this case as in many other situations the top management as well as the head of the fleet management department have model functions.

In order to achieve the maximum for your enterprise, we offer seminars for the management as well as for the employees to assist you in reaching the cost reduction target.

The execution of a training how to save fuel can be just as important as the creation of a competition to raise the motivation of the employees.

Can-6608:

Eco training for employees to optimize fuel consumption and vehicle abrasion

The controlling department is pleased about each liter of fuel saved and about each service stop invoice, which appears to be cheaper than expected.

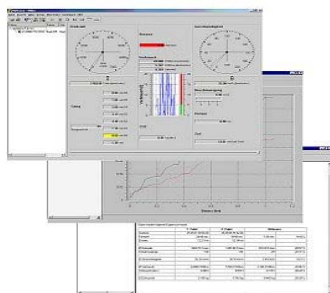
With our **driver training** based on the data provided by the **CAN bus**, containing e.g. consumption data and driving characteristics, a tailor made training will be setup. By the time the training ends a significant saving of gasoline and expendable material will be possible.

Calculation example:

In a public transportation project with a medium sized fleet of busses an average fuel saving of about 12% was achieved. With an average consumption of 42 liters / 100 km, approx. 200 vehicles and the current diesel prices a saving of several ten-thousands of Euros/Dollars per month has been achieved.

Our **eco training** trains the participants to use the advantages of latest vehicle technology and enables them to materialize the existing savings potential in the best possible way.

Equipped with our technology the participants attend the training. Our recording device connected to the CAN bus of the vehicle records - like a flight recorder - all data of a trip exactly and in detail.



The analysis of the driving session in the class room

The data collected during the test drive is constantly transmitted over the air to our M2M-commserver while the trainee is driving and therefore ready for being analyzed with our **can-6607** software right after the test drive.

The comparison of different test drives, the replay of a video recorded during the trip as well as the hand over of a certificate containing a successful completion of our **eco training** "black on white" support the training lessons.

Can-6609:

Training and driving training for employees with a dangerous style of driving

Human resources departments of enterprises are heavily interested in providing a maximum of safety to the most valuable property of each enterprise - the employee. Employees with a dangerous driving style must be promptly identified in order to avoid damage of persons and material for the benefit of the employee as well as for the company. Those persons should be trained preventively.

Our **can-6607** detects weaknesses in the driving style of each individual employee and our **can-6609** supports significantly to improve the driving style of each individual.

A final test drive at the end of the theoretical part of the training helps the driver to practice the lessons learned.



Products/Prices

Product	Art.-No.	Product Description	Price
M2M-commserver ASP-license	MMC-03-14	Use of our M2M-commserver , operated by us for the data exchange with our locate modules. This service is a pre-condition for transmitting CAN data from the vehicle to the analysis software	19,00 Euro per object per month
M2M-commserver CAN- extension	MMC-05-66	Extension of our M2M-commserver (MMC-03-14) to receive and process CAN bus data	9,90 Euro per object per month
Can-6607	CAN-05-07	Analysis software for CAN bus data	19,90 Euro per object per month
Can-6602	CAN-05-02	FMS interface used to connect one of our locate modules to the FMS CAN bus of a truck containing <ul style="list-style-type: none"> • FMS interface box 	590,00 Euro

		<ul style="list-style-type: none"> • FMS terminator 120 ohms • RS232 cable to connect the FMS interface box to locate • FMS interface cable to connect the FMS interface box to the vehicle socket 	
Locate-33	LOC-06-33	On board unit with GPRS support for the transmission of GPS vehicle positions and vehicle data including an interface and software support for CAN-05-02. The packages includes antennas, installation material, break-out box and the on-board unit <i>Design: Aluminum housing</i>	930,00 Euro
Can-6608	CAN-05-08	Driver training for the minimization of the fuel consumption. Usually such training courses take place at the clients place of business.	1.980,00 Euro excl. travel faire per day
Can-6609	CAN-05-09	Coaching and driver training for employees with a dangerous of driving style. Usually such training courses take place at the clients place of business.	1.980,00 Euro excl. travel faire per day

Note:

For safety reasons we offer read-only access to the CAN bus only.