Squarell technology

technical vehicle data

Safety

Squarell Technology

Squarell develops and produces electronic devices that are linked (by means of a sensor) to various information networks in vehicles. These devices, which are connected to the home base via a modem, read and standardise the data from the vehicle networks.

Why you need safety parameters

Safety is an important topic for fleet owners: traffic is more hectic, time pressure is high and maintenance and insurance costs need to be controlled.

Squarell offers an extended range of parameters to improve the safety of your fleet and to give you more knowledge about how the vehicles in your fleet are used.

Besides the Fleet Management System (FMS) parameters, the following parameter data can be added to your telematics reports:

- Are the lights turned on when the weather conditions require this?
- Are the wipers on?
- Are the seat belts fastened for all the passengers?
- Are the doors opened? Is the vehicle closed during the trips to ensure that your goods are transported safely?
- Is the parking brake on?

These are just some examples of how to enrich your fleet management with safety parameters.

More valuable parameters

At present we have more than 400 parameters available from a vehicle, which we have divided into a number of groups, such as for efficiency, safety, maintenance, liability, environment, diagnosis and alarms.

Squarell products and features

Our multi source vehicle data interfaces can process data from various protocols like CAN, J1708 and K-line, they are brand independent. The signals are retrieved with the patented CANcliQ and DatacliQ readers: for contactless data readings without a wire-to-wire connection.

The Squarell interfaces can be expanded with software and hardware extensions.

SOLUTIONS

Advanced Tell-tales
Environment
Event Data Recorder
Maintenance
Safety
Tachograph

PRODUCTS

BE
CANcliQ and DatacliQ
Driver Awareness Panel
Power Output Module
REMOTE+
SOLID+
Trailer Box

VEHICLES

Buses and Coaches
Electric Vehicles
First Response Vehicles

INFORMATION

CAN bus Networks
Wired Networks
Wireless Networks

Squarell Technology
Delfweg 48 | 2211 VN Noordwijkerhout | The Netherlands
T +31 (0)252 42 03 11 | E sales@squarell.com | squarell.com

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