Squarell technology

reliable vehicle data

First Response Vehicles
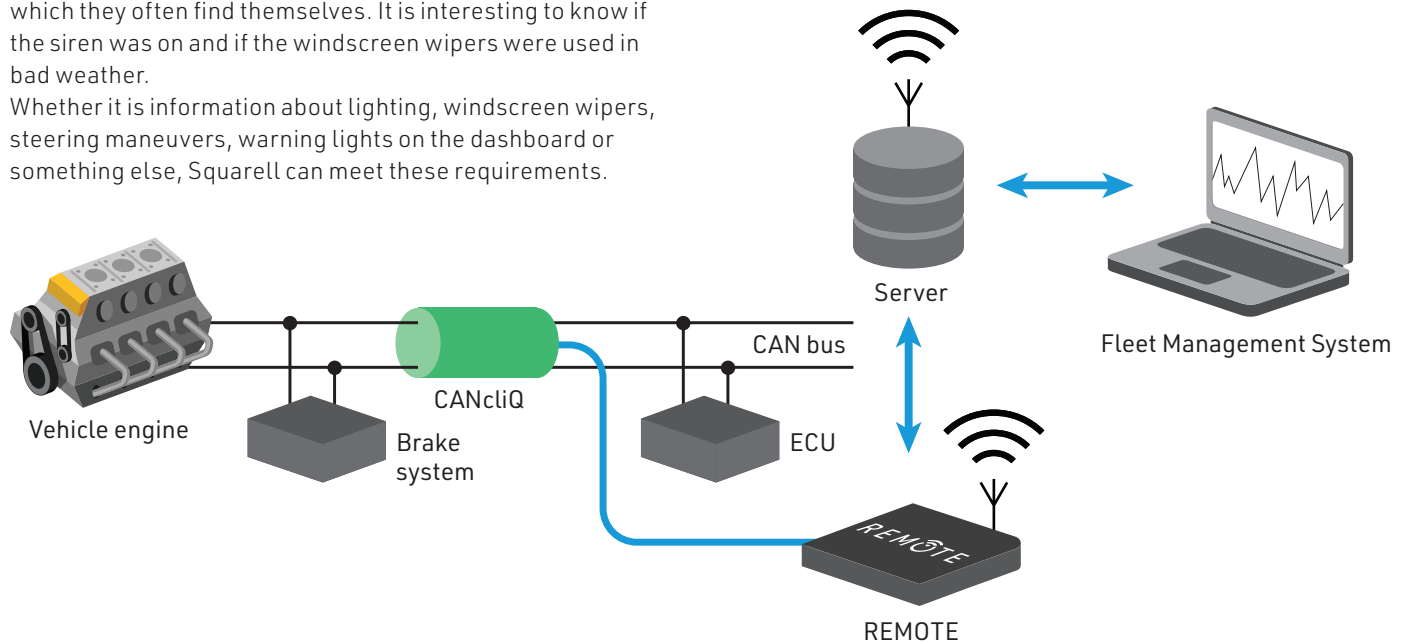
Squarell Technology

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 correct the data from the vehicle networks.

Bespoke solutions for First Response Vehicles

Authorities managing these first aid vehicles often have very specific national requirements that must be met for the vehicle data they must receive. There is also a demand for more parameters of police cars, fire trucks and ambulances in order to be able to assess afterwards the risky situation in which they often find themselves. It is interesting to know if the siren was on and if the windscreen wipers were used in bad weather.

Whether it is information about lighting, windscreen wipers, steering maneuvers, warning lights on the dashboard or something else, Squarell can meet these requirements.

Vehicle engine

Brake system

CANcliQ

CAN bus

ECU

Server

REMOTE

Fleet Management System

Valuable parameters

Currently, we have more than 400 parameters from a vehicle available that we have divided into a number of groups such as for Efficiency, Safety, Maintenance, Liability, Environment, Diagnostics 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
REMOTE
SOLID

VEHICLES
Buses and Coaches
Electric Vehicles
First Response Vehicles
Trailers
Trucks

INFORMATION
Wired Networks
Wireless Networks

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