Squarell technology

reliable vehicle data

Buses and Coaches
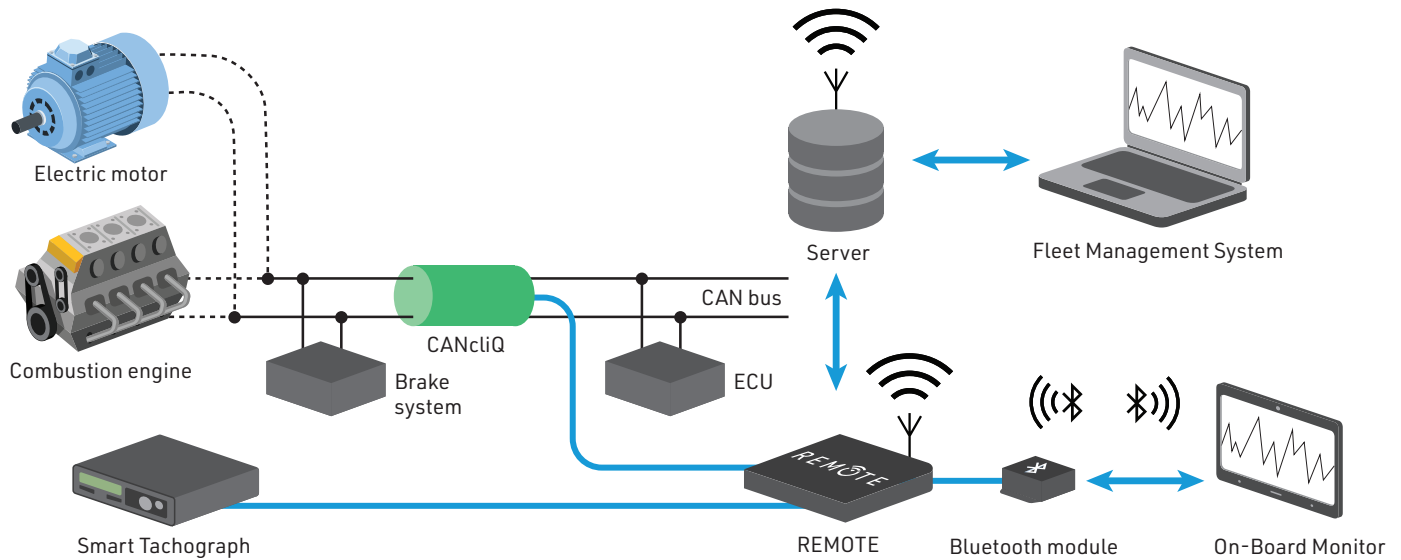
Solutions for buses and coaches

Squarell vehicle data interfaces are able to gather more parameters from a bus than a standard (OEM) FMS. For instance the speed, brake usage, RPM, ODO, idle time and emission (NO_X/CO_2) parameters, but also vehicle warning indicators. The combination of parameters provides the fleet owner/operator with valuable information about their buses. This information can be used for smart solutions aimed at saving fuel, maintenance, reducing emissions and more.

Example of bus specific Tell-tales, respectively: bus stop brake, lowering and kneeling.

How our technology is connected

Our technology can be used to connect new and existing IT systems in the public transport sector with the goal to standardise transport data. This data for example can help predict vehicle maintenance and thus extend the lifetime of buses.

Electric motor

Combustion engine

CANcliQ

Brake system

CAN bus

ECU

Smart Tachograph

Server

Fleet Management System

REMOTE

Bluetooth module

On-Board Monitor

We are able to supply parameters from a wide variety of buses such as combustion engine buses, gas (LNG/CNG) buses, electric- and hybrid buses.

Want to know which parameters are available on which kind of buses? Please scan the corresponding QR-code for technical details or for more general information on buses.

Matrix

Buses

Squarell products and features

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

Squarell supports the Information Technology for Public Transport or ITxPT. ITxPT is a European initiative aimed at collaborating to implement standardisation for plug-and-play IT systems in public transport.

Memberships		E4 certified
ITxPT Information Technology for Public Transport	UITP	E4

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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