

# TEKIBOX



## Car Share

The average pooled vehicle is used only 12% of the time. Using car sharing as a service cuts down on the total number of vehicles on the road and uses individual cars much more efficiently.

The internet is uniquely able to manage the ownership of a vehicle into an efficiently managed service revolving around pay-per-use access.

Basically - you get a lot more use out of a single vehicle when it's utilised by multiple users.

With TEKBOX onboard technology you can easily transform your fleet into a car share scheme by connecting each vehicle to the cloud and making it available online.



## TEKBOX

The latest TEKBOX technology delivers state of the art world leading car share and fully automated vehicle management for car sharing organisations, car rental companies and businesses with pool vehicles.

The TEKBOX module has been built and developed from the groundup in Australia.



# Telematics

## & features



### Driver Behaviour

Impact sensors, accelerometers, gyroscopes and speed data is all logged allowing the monitoring of driver behaviour. These sensors help to identify if the car is being misused through the constant monitoring of acceleration, braking and turning.

### Logistics

TEKBOX delivers a plethora of logistical vehicle data that is sent wirelessly between the car and the server.

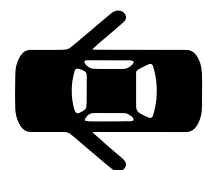
This data contains:

-  Engine Status
-  Ignition Status
-  Battery Levels
-  Travelled Distance
-  Fuel Level
-  Measured Idling Time of The Engine



### Light Monitoring

The status of the lights internally and externally can be determined such that if the lights are left on when the vehicle is turned off a notification will be sent.



### Door Monitoring

The status of the doors on the car can be read to determine whether they are closed or not.

### Dashboard Indicators

The TEKBOX range offers ease of access to the status of the dashboard indicators such as:

- Oil pressure warnings
- Engine malfunction
- Oil change reminder
- Open doors
- State of the internal and external lights



## Fatigue Prevention

TEKBOX provides an alarm system based on the selected user interface devices within the module to notify the driver if they have exceeded the maximum recommended driving time for one sitting.

## Seatbelt Monitoring

Seatbelt monitoring is provided to make sure that the driver is wearing their seatbelt and staying safe on the journey. Optionally, the TEKBOX module can prevent the engine from starting if the driver is not wearing a seatbelt.

## Panic Button

In case the driver finds themselves in an emergency situation, the TEKBOX system is equipped with a panic button that can be pressed to immediately notify emergency services as well as the company.

## Real Time Vehicle Data

Data from the car is transmitted in real time so you can get car voltage, location, accessories, fuel levels as well as any information regarding the damaging of unattended vehicles and more.



## On-Board Camera

The on-board camera records the journey in order to make sure the trip is safe and that anything that happens will be recorded for legal purposes providing you with peace of mind with your fleet.



## Remote Mobilise & Immobilise

TEKBOX provides the ability to immobilise or mobilise the car from any device giving you the control to safely ensure only authorised drivers can start your vehicles.



## Fuel Card Management

The Tekcar module detects the insertion, removal and presence of the fuel card in the vehicle to allow you to keep track of your fuel cards and prevent theft and fraud.



## Reservations

Reservations can be made, edited and deleted. All reservation data is sent via the mobile network and stored directly on the module.



## Record Trip Data

Trip data, such as KMs travelled, is recorded and can be acquired on demand and automatically at the end of each reservation.



## Remote Engine Start / Stop

Car's engine is able to be started and stopped directly from a web browser on a computer, tablet or mobile phone.



## Online Update Of Firmware

The box's firmware is able to be updated easily online without having to tinker with the box itself.



## RFID & Mobile Access

Almost any smart card can be used to unlock the vehicles. Your existing staff / student / public transit cards can be integrated with the TEKBOX card reader to access your cars. The cars can also be accessed using your mobile phone.



## GPS Location Acquisition

GPS location is regularly automatically triangulated during a reservation or can be acquired on demand with one click to enable you to always keep track of the precise location of your fleet vehicles.



## Remote Lock & Unlock

Car is able to be locked and unlocked directly from a web browser on a computer, tablet or mobile phone allowing you to easily provide access to your vehicles from a remote location.





## Battery Management


A Battery Management Module can be added to the TEKBOX module that will automatically start and stop the engine after extended periods of disuse in order to restore the car battery to full charge, eliminating dead batteries.




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