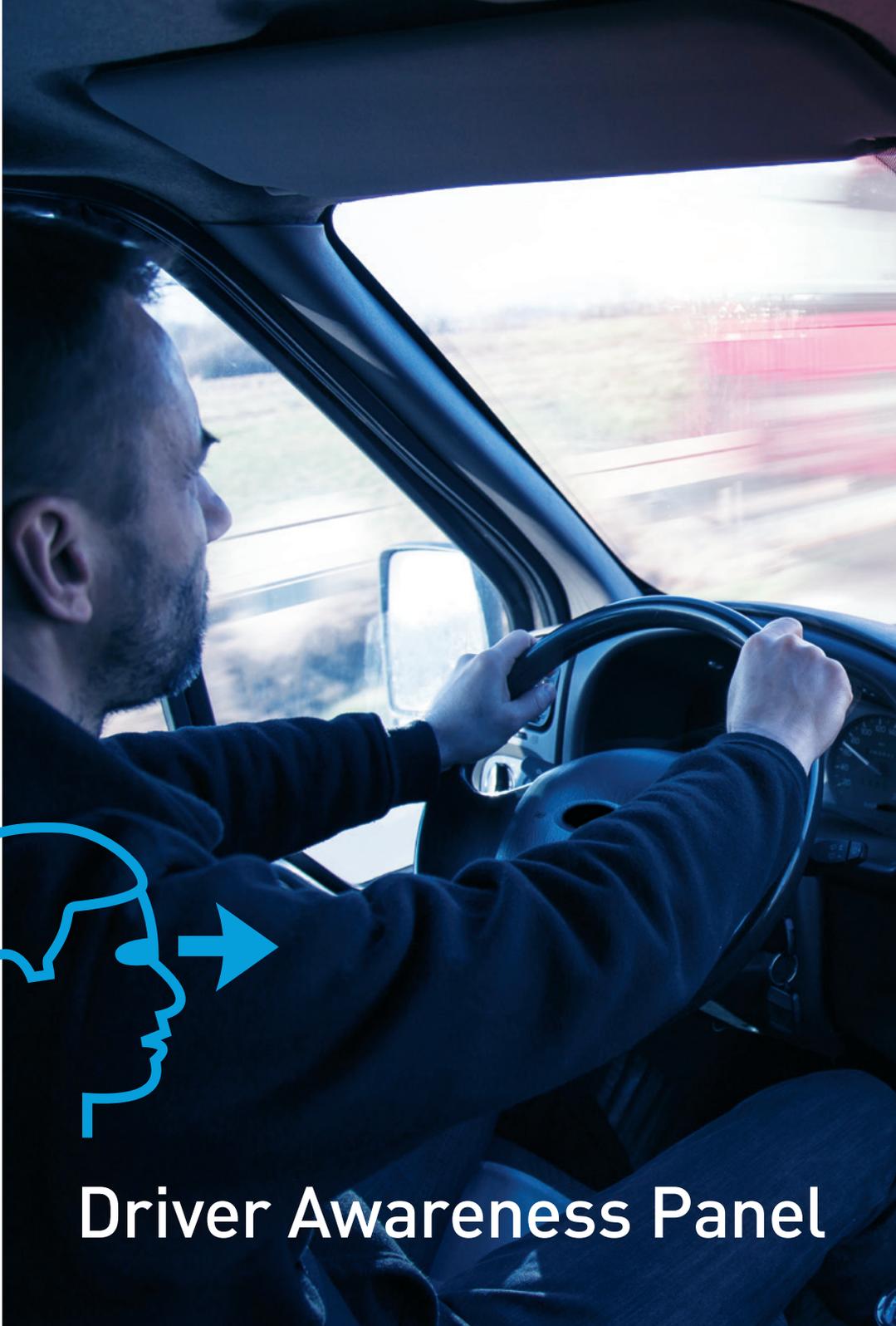


be in control



**Driver Awareness Panel**

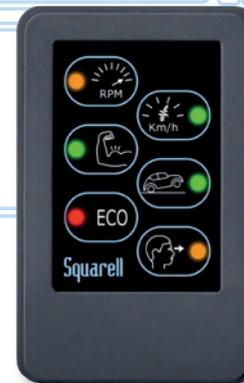




Software DAP user interface suggestion on an onboard device



Software DAP user interface suggestion on a mobile device



Hardware DAP

## What is the Driver Awareness Panel?

Improving driving behaviour by using the Driver Awareness Panel (DAP) will result in less fuel consumption, safer driving, reduction in wear and tear and CO<sub>2</sub> emission.

As you know, the change in driving behaviour by creating a higher level of awareness has a significant impact on operational fleet costs. We have seen that this change in behaviour by using the DAP leads to fuel savings from 5% up to 17% [see our customer success stories on our website]. Also, the maintenance costs for brake and tire wear are reduced.

The DAP challenges the driver in an intuitive manner to improve his or her driving behaviour. It's built-in algorithms take care of driver attention loss in the long run to ensure constant safety assistance. The driving assistance is meant to gain a better, safer, cleaner and more economical way of operating your fleet.

The DAP's user interface has six indicators that individually will give instant visual and audible feedback to the driver to help improve alleged driving inconsistencies.

## Software data kit and hardware version

There is a DAP data kit available as data (called SWDAP) so you can make your own software solution to be integrated into your onboard displays and mobile devices. A hardware version, credit card sized, is also available and can be placed on the dashboard.

The DAP solution, which includes monitoring of the improvements in your fleet, is available as a stand-alone solution or as an addition to the solution of your telematics service provider.

The six indicators on the DAP are:

- High RPM
- Unsteady driving  
(fluctuating accelerator pedal usage)
- Engine power
- Harsh acceleration
- ECO driving
- Anticipating the road ahead



## Trip analysis

The DAP makes a trip analysis over the last 30 trips (ignition on - ignition off). At contact on (without ignition on) the DAP will give a report for each parameter.



### High RPM

Before turning red, the LED turns amber to warn you to change gear sooner. When the RPM is too high, this LED turns red.

- Excellent.
- Shifting at lower RPM will save fuel.  
Take more time to reach designated speed.
- You drive too often with high RPM.  
The engine is not running economically at high RPM.



### Engine power

Amber LED when torque is too high. When the light is red, the DAP detects unnecessary use of Engine Power.

- Excellent.
- Take more time to reach designated speed.
- You often drive with too much engine power.  
Shift down when necessary.



### ECO driving

Good and efficient driving is rewarded with a green LED. Red LED will flash when idling for more than 3 minutes.

- Economical driving for most of the trip.
- During the trip, keep the green light on.  
You are not driving very economically.
- The engine will perform better when the eco light is green.



### Unsteady Driving

The DAP detects fluctuating accelerator pedal usage.

- Excellent.
- Keep your pedal in a steady position. This will save fuel.
- The engine uses more fuel when the pedal position fluctuates.



### Harsh Acceleration

If the DAP notices that you accelerate too fast, the red LED will flash.

- Excellent.
- A smooth acceleration uses less power and saves fuel.
- You accelerate too often and too harshly.



### Anticipating the road ahead

Green LED flashes when coasting. Red LED flashes when not anticipating the road ahead and not being proactive.

- Excellent.
- Anticipating on the traffic and road ahead saves you fuel.  
Avoid unnecessary acceleration.
- Release your accelerator pedal earlier.  
This avoids unnecessary braking.