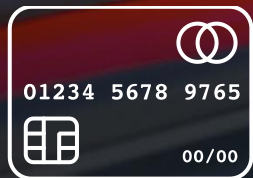




**Shell Telematics**  
Making data work harder  
for your business

DESTINATION:  
**TELEMATICS ADVANTAGE**

# Our solution at a glance



## Shell Card\*

The simple and  
secure way to buy fuel  
*\*Optional*



## On-board device

An easy-to-install dongle  
plugs directly into the OBD  
port of your vehicle



Transaction, vehicle  
and driver data is  
securely stored in  
the cloud



Data is processed  
and turned into  
actionable insights



Fleet manager can act  
on key information, e.g.  
initiate driver coaching  
to improve driver safety  
and reduce accidents

## The benefits to your business

### 01 Efficiency

Track your vehicles for better fleet planning

### 02 Productivity

Work smarter with instant data and a paperless system

### 03 Safety

Monitor driver performance and reduce accidents

### 04 Security

Increase financial control and tackle fraud and theft

## Efficiency: Vehicle Tracking

# 01

Advanced telematics offers near real-time track and trace to allow for better route planning and more accurate delivery ETAs.



### **Vehicles tracked second by second**

- For more accurate mileage and route tracking



### **Track and trace driver performance with Trip History**

- Breadcrumb trail
- Violations available on Map View in red
- Every stop, start, left and right turns logged



### **Map options**

- Standard refresh every 15 seconds
- Google
- OpenStreetMap



## Productivity: Reporting Functions

You can choose a wide range of reporting functionality and get your reports instantly on demand or scheduled to your convenience.

- Over 40 reports available
- On demand through the dashboard whenever you need them
- Pre-scheduled hourly, daily, weekly and monthly reports

### Customisation options

- Multiple datasets
- All reports run on pivot tables
- Ability to shift, add and remove data
- PDF or Excel formats



## Safety: Driver Behaviour

Your drivers are key to your fleet's performance. Our solution allows you to capture near real-time driver-behaviour data which you can use to help your team to perform at their best.

### Coaching notifications

Drivers can receive texts or emails, or even an alert tone from the on-board device for instant feedback.

### Apply standard rules

There are 20 static rules available which cover driver safety, productivity and engine alerts.

### Full customisation

Adapt any rule and tailor it to each driver or route (e.g. distance and time conditions).

### Collision detection and first notification of loss (FNOL)

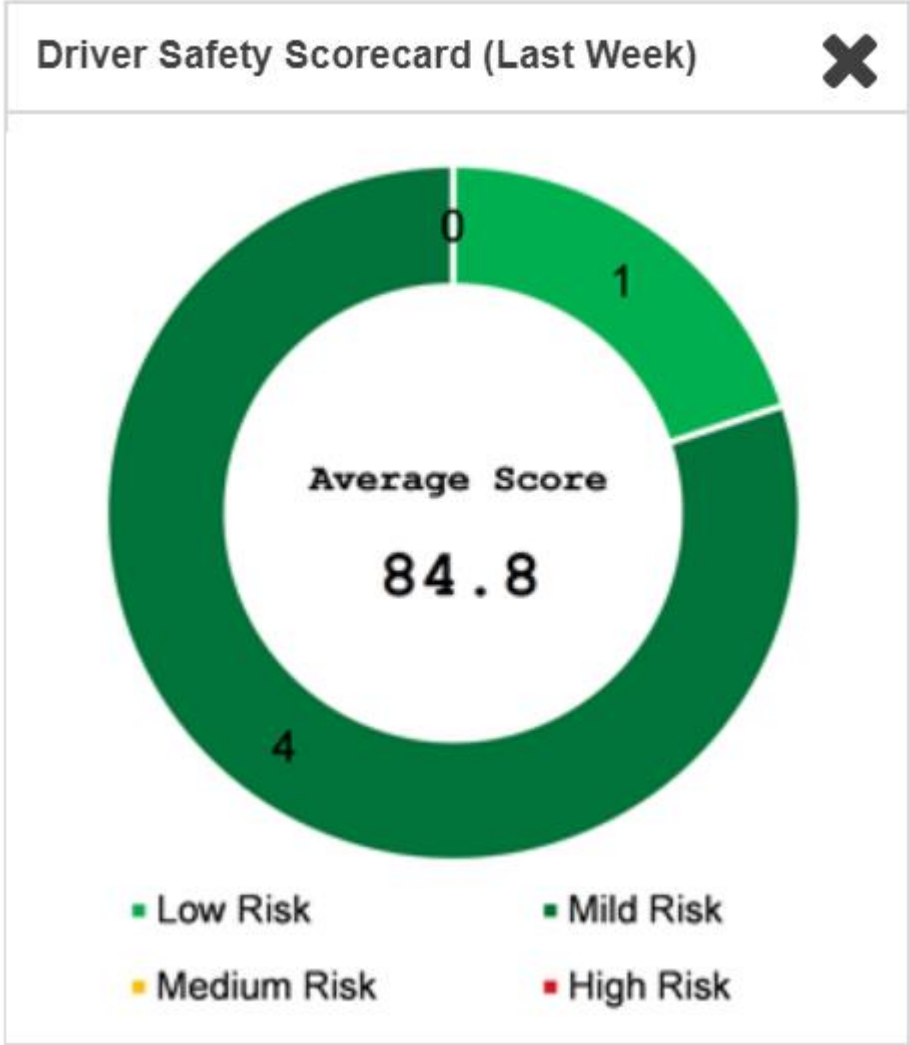
Receive automatic point-of-impact detection reports in case of any collision.



.....  
**Drivers can influence up to 70% of Total Cost of Ownership for fleets<sup>1</sup>**

<sup>1</sup> Source: Ptolemus Consulting Group, Connected Fleet Services Global Study 2018

# Driver Safety Scorecard



| Name      | Distance (km) | Total Score | Scoring Classification |
|-----------|---------------|-------------|------------------------|
| Vehicle A | 694.78        | 81.9        | Mild Risk              |
| Vehicle B | 3,979.02      | 96.0        | Low Risk               |
| Vehicle C | 6,443.45      | 83.6        | Mild Risk              |
| Vehicle D | 5,054.43      | 83.9        | Mild Risk              |
| Vehicle E | 2,794.94      | 78.8        | Mild Risk              |

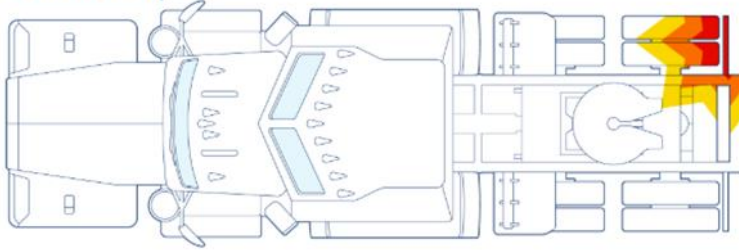
| Name      | Hard Acceleration | Harsh Braking | Harsh Cornering | Seat belt | Speeding | Excessive Speeding | Total Occurrences |
|-----------|-------------------|---------------|-----------------|-----------|----------|--------------------|-------------------|
| Vehicle A | 93.1              | 86.1          | 0.0             | 100.0     | 100.0    | 100.0              | 54                |
| Vehicle B | 100.0             | 100.0         | 100.0           | 100.0     | 73.5     | 100.0              | 57                |
| Vehicle C | 97.3              | 93.5          | 99.8            | 100.0     | 0.0      | 100.0              | 229               |
| Vehicle D | 98.7              | 99.0          | 94.6            | 100.0     | 0.0      | 100.0              | 394               |
| Vehicle E | 91.4              | 100.0         | 67.2            | 100.0     | 0.0      | 100.0              | 266               |

# Collision Reconstruction Report

## Device Information

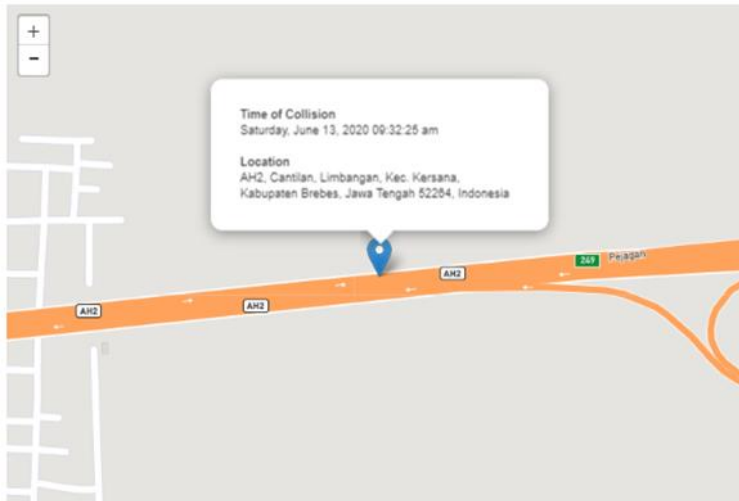
Vehicle Name: Vehicle A  
Driver: Test Driver  
VIN: MHCFT9 Vehicle A  
Vehicle: Driver A  
Time of Collision: Saturday, June 13, 2020 09:32:25 am

## Point of Impact



## Map View

[Trip History](#)



## Speed Data

Speed at Moment of Collision: 59 km/h

### [Speed Profile](#)

Graph Start: Saturday, June 13, 2020 09:31:55 am

Time of Collision: Saturday, June 13, 2020 09:32:25 am

Graph End: Saturday, June 13, 2020 09:32:55 am

## RPM Data

### [RPM Graph](#)

Graph Start: Saturday, June 13, 2020 09:31:55 am

Time of Collision: Saturday, June 13, 2020 09:32:25 am

Graph End: Saturday, June 13, 2020 09:32:55 am

## Accelerometer Data

Forward and Braking: 18.85819 m/s<sup>2</sup>

Side to Side: 8.29643 m/s<sup>2</sup>

### [Accelerometer Graph](#)

Graph Start: Saturday, June 13, 2020 09:31:55 am

Time of Collision: Saturday, June 13, 2020 09:32:25 am

Graph End: Saturday, June 13, 2020 09:32:55 am

## Margin of Error

GPS coordinates are accurate to 2.5 meters

Speed is accurate to 3.6 km/h

The point of impact is an estimate based on the angle calculated from the accelerometer and may vary.

## Security: Fuel card integration

Manage your fleet's fuel consumption and fuel spend with Shell's Advanced Fuel Analytics reports:

- Access reports via the Shell Telematics portal
- Quick summary report on dashboard (updated daily)
- Receive e-mail alerts based on suspected fraud events (overcapacity fill-ups, location mismatch, etc.)
- Full data downloadable as Excel or PDF file



## Create customised rules and alerts

Our solution makes it easy to establish your own rules to monitor your fleet's activity. Notifications can be sent with reports outlining any rules that may have been broken, allowing you to stay informed and in control.



### Efficiency rules

- Idling
- Engine light
- Battery drain
- Unauthorised device removal
- Engine abuse
- Backing up when leaving



### Productivity rules

- Late arrival/early departure
- Unauthorised home stops
- Too much office time
- Long lunch/breaks on shift



### Safety rules

- Harsh braking
- Harsh cornering
- Hard acceleration
- Speeding
- Seat belt use
- After hours use
- Possible accident



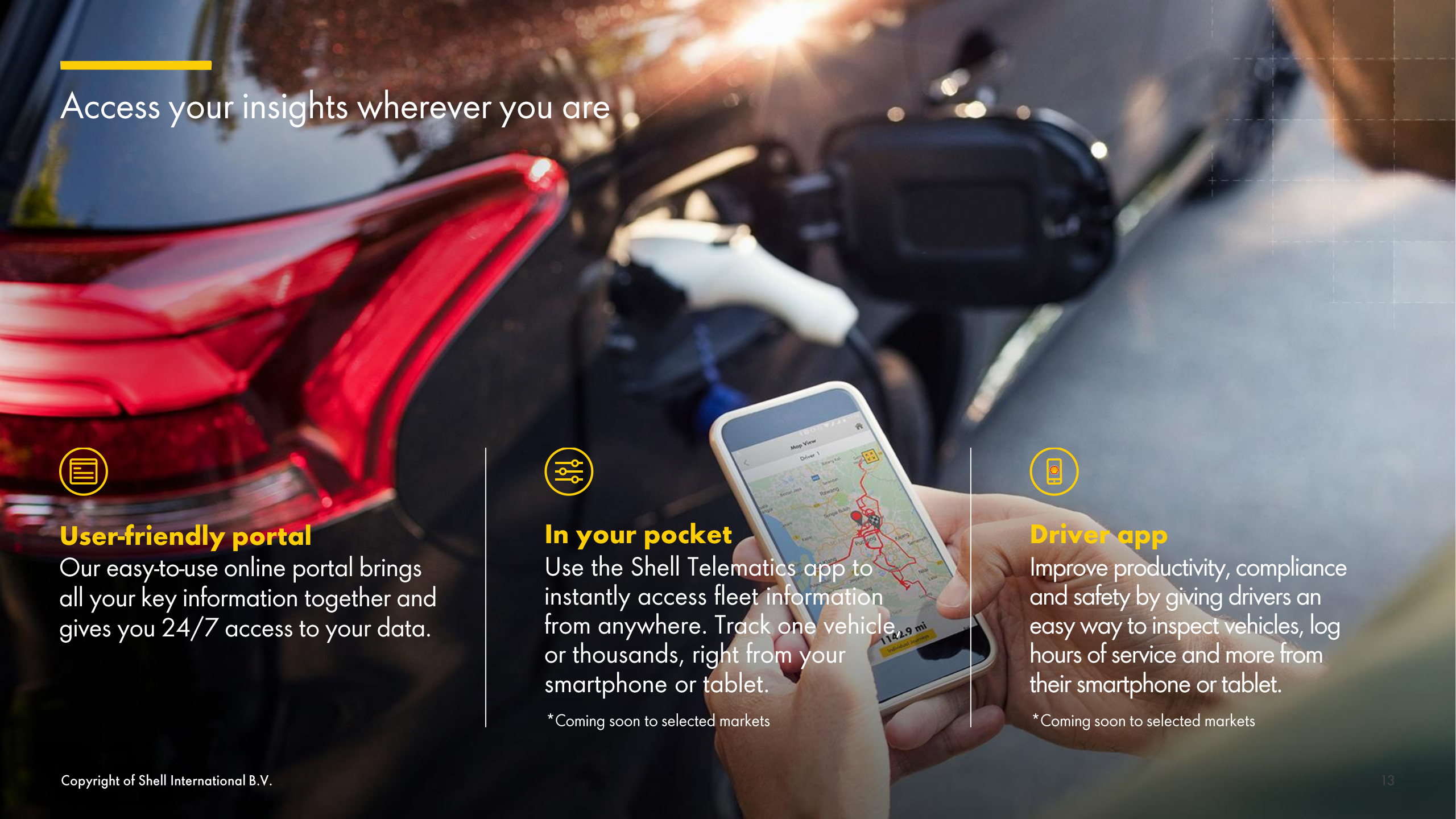
# Maintenance Reminders

## Reminder Rules

|                |                                                      |
|----------------|------------------------------------------------------|
| Car Wash       | Reminder rule type: Lease expiry    Engine hours: 24 |
| Leasing Expiry | Reminder rule type: Lease expiry    Month(s): 1      |
| Lubes Change   | Reminder rule type: Oil change    Kilometers: 100    |

## Reminders Due

|              |                                        |   |
|--------------|----------------------------------------|---|
| Vehicle A    |                                        |   |
| Car Wash     | Maintenance overdue by 35 engine hours | + |
| Maintenance  | Maintenance overdue by 41452 km        | + |
| Lubes Change | Maintenance overdue by 4093 km         | + |
| Vehicle B    |                                        |   |
| Maintenance  | Maintenance overdue by 2832 km         | + |
| Lubes Change | Maintenance due in 100 km              | + |
| Car Wash     | Maintenance due in 24 engine hours     | + |
| Vehicle C    |                                        |   |
| Maintenance  | Maintenance overdue by 7317 km         | + |
| Lubes Change | Maintenance due in 100 km              | + |
| Car Wash     | Maintenance due in 24 engine hours     | + |



Access your insights wherever you are



### User-friendly portal

Our easy-to-use online portal brings all your key information together and gives you 24/7 access to your data.



### In your pocket

Use the Shell Telematics app to instantly access fleet information from anywhere. Track one vehicle, or thousands, right from your smartphone or tablet.

\*Coming soon to selected markets



### Driver app

Improve productivity, compliance and safety by giving drivers an easy way to inspect vehicles, log hours of service and more from their smartphone or tablet.

\*Coming soon to selected markets

## What our customers say

“Shell Telematics delivered big benefits – 27% reduction in accident rate and 4.4% fuel savings.”

**Sanofi Turkey**



### **Dessercomm Quebec**

“Shell Telematics solution has given us greater visibility, including vehicle diagnostic code alerts in real time.”

**Jacques Gauthier**

Logistics Lead  
Coordinator of  
Dessercom

.....  
**5.5%**

safety increase

.....  
**13%**

overall savings

.....  
**20%**

savings specific  
to maintenance

