

Enhancing Safety

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GPS Telematics, Fleet Management & Dispatch Solutions



Driver Safety, Compliance & CoR

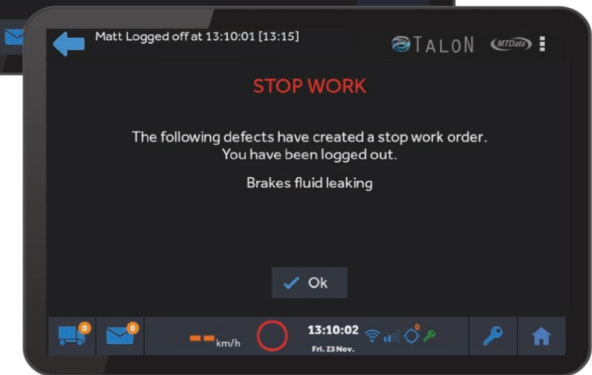
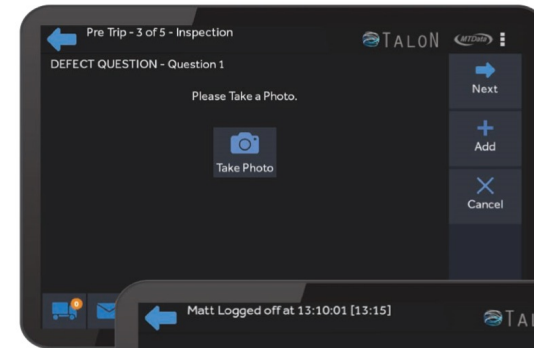
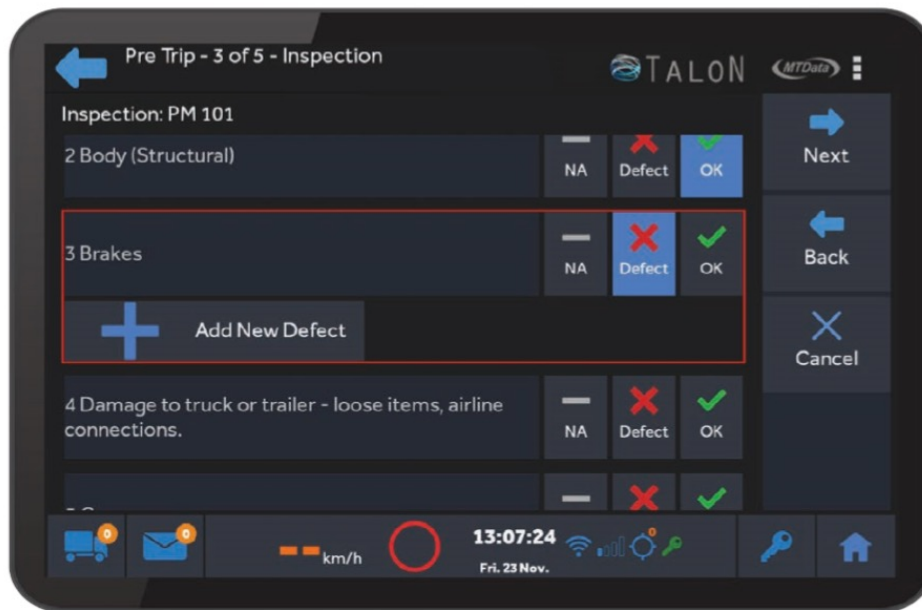
In-Cab Driver Solution



Driver Login & Fit For Duty Declaration



Defect/Incident Reporting



Fatigue Monitoring

Driver 100pts
Break for 15 mins **Overdue**

TALON

BREAK

FATIGUE BREACH
Break Over Due
Minimum break length 15 minutes
I declare I have been

Resting
Working but not driving

Since: 01:30

Start Work

Future Breaks
Breaches
Summary
Retro Break

0 km/h 06:49:52

HAWK-EYE

View Events Fatigue Dispatch Messaging Maintenance History Report Dashboard NCR

Fatigue

Driver Fatigue Hours
Driver Summary
Driver Hour Summary
Fleet Exception Summary
Breach Not Checked or Printed

Fleet: ABC Transport Date: 09/08/2014
Driver: Aaron Timezone: Local Time Driver Time

Fit For Duty / Pre Trip / Signature View Breaches View NCR Time Summary Report

Main scheme used for today: BFM Work diary page # Exception checked Exception re

Scheme: BFM

Real Time 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

Solo Work
Resting
2 Up
Breach

Solo Work 2 Up Stationary Rest Non Stationary Rest Short Rest Retro Break Short Retro Break No Breach

Driver 100pts
Break for 15 mins **Overdue**

TALON

Break over due. Please stop when safe

Cancel Ok


0 km/h 06:49:48



Driver Blackspot Alerts

← Matt
Break for 15 mins within 3 hrs 25 mins

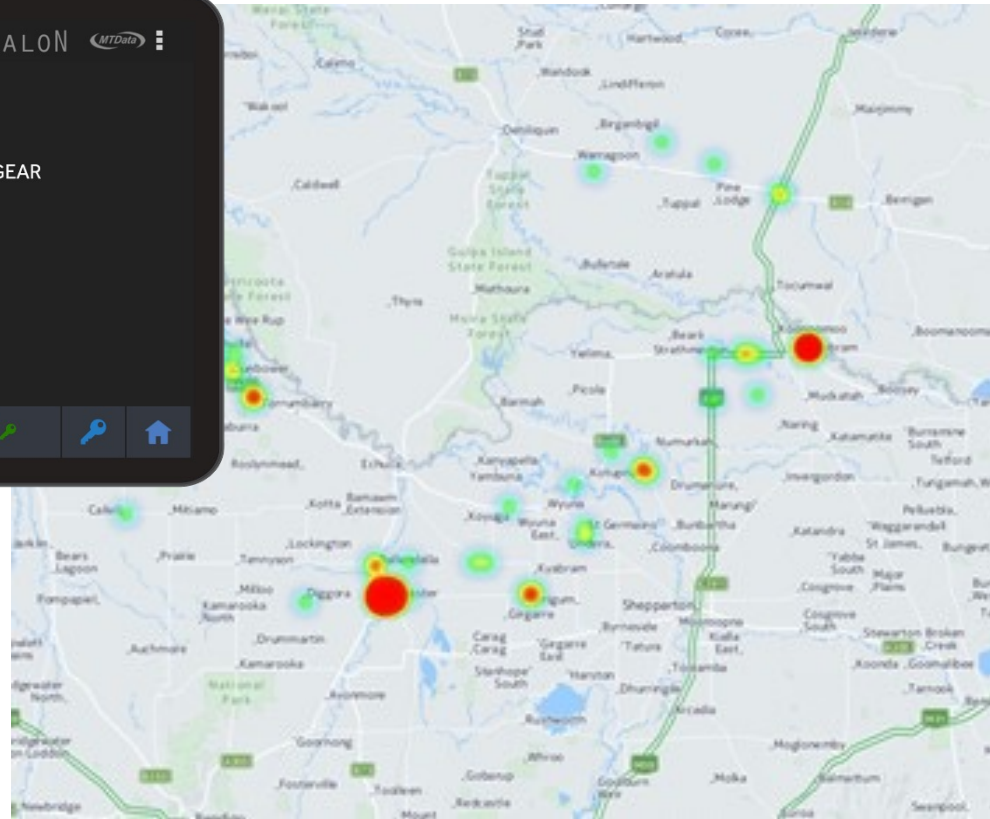

TALON MTDATA



Steep Descent Ahead, ENGAGE LOW GEAR

Cancel

1 0 0 km/h 13:20



Safe Journey Planning

The image displays two views of the TALON MTData system. On the left, a tablet shows the driver's main dashboard. At the top, it indicates 'Demo 100pts' and 'Break for 15 mins in 5 hrs 28 mins'. The dashboard features several functional tiles: 'Jobs' with a notification badge '1', 'Messages', 'Break', 'Documents' with a notification badge '16', 'Mass', 'Engine Data', 'Fuel', and 'Phone'. The bottom status bar shows a speed of 20 km/h, the time 10:31:41, and various system icons. On the right, a desktop window titled 'Add Safe Journey Plan' is open. It has a sidebar with 'Details' selected. The main form includes fields for 'Prepared By' (ben), 'Template', 'Fleet' (Select fleet), and 'Assign' (Mins Before Start: 60, with radio buttons for Now and Future). There are checkboxes for 'Driver Amendments Allowed' (Trip Estimate, Trailers, Tasks). Below these are input fields for 'Trip Number', 'Consignor', 'Consignor Address' (Select address), 'Consignee', 'Consignee Address' (Select address), 'Contractors Name', 'Contractors Address' (Select address), 'Pickup Address' (Select address), and 'Destination Address' (Select address). At the bottom, there are dropdowns for 'Start Questions' and 'End Questions', and a 'Comments' field. 'Close' and 'Save' buttons are located at the bottom right of the window.

Duress & Man Down Alerting

2 / 2

Vehicle (7584) has issued an alarm at 21/10/2014 17:38:33 near Rochester

Acknowledge Ignore

145.15532, -37.91818

Display Name	Registration	Make	Model	Description	Driver

<input checked="" type="checkbox"/>	Henry Guilburn	7822		21/10/2014 17:20
<input checked="" type="checkbox"/>	Henry Guilburn	412002521		10/10/2014 12:38
<input checked="" type="checkbox"/>	Henry Guilburn	412002522		10/10/2014 12:32
<input checked="" type="checkbox"/>	Henry Guilburn	412002523		10/10/2014 12:32
<input checked="" type="checkbox"/>	Henry Guilburn	412002524		10/10/2014 13:35
<input checked="" type="checkbox"/>	Henry Guilburn	412002525		10/10/2014 13:35
<input checked="" type="checkbox"/>	Henry Guilburn	412002526		10/10/2014 13:40
		8017		21/10/2014 17:21
		7592		21/10/2014 17:40
		8035		21/10/2014 17:39
		7824		21/10/2014 17:06
		Test		21/10/2014 16:34



Maintenance Management

Automated Service Alerting

The 'Edit Unit' window shows configuration for a 'Major Service'. It includes fields for Name, Template, and Notes. Under the 'Date' section, there are checkboxes for 'Scheduled' (27/05/2014), 'Warning' (20/05/2014), and 'Alarm' (28/05/2014). Under the 'Distance' section, there are checkboxes for 'Warning' and 'Alarm' (1394655 km). A summary note at the bottom states: 'Maintenance will be scheduled on 27/05/2014 or at 1393655km. You will be warned about the maintenance on 20/05/2014. An alarm for the maintenance will be raised on 28/05/2014 or at 1394655km.'

The dashboard shows a 'Maintenance' section with a 'Filter' button. Below is a table with the following data:

	Fleet	Vehicle	Maintenance	Scheduled	Odometer	Engine Hrs	Status
🔍	MTData Company Vehicles	Jamie	Spare Vehicle Service	02/04/2015	5000		Scheduled
🔍	MTData Company Vehicles	Steve	Steve Maintenance	10/05/2014	10000		Due soon
🔍	MTData Company Vehicles	Jason	Standard	10/05/2014	10000	6000	Due soon

Accident Video Footage review



Collision Avoidance Alerts



Multiple lifesaving features in one system



Pedestrian and cyclist collision warning

The PCW alerts the driver up to 2 seconds before imminent collision with a pedestrian or cyclist ahead, allowing the driver time to react.^{1,3}



Forward collision warning

The FCW alerts the driver up to 2.7 seconds before an imminent collision with a vehicle or motorcycle ahead.



Lane departure warning

The LDW alerts the driver with visual and audio warnings when there is an unintentional deviation from the driving lane without signalling.



Headway monitoring and warning

HWM assists the driver in keeping a safe driving distance from the vehicle in front, by issuing an alert when the headway distance to the vehicle ahead becomes dangerous (less than 2 seconds).



Speed limit indicator

The system detects speed limit signs and notifies the driver when the last speed sign has been passed. The SLI provides an alert when the vehicle's speed exceeds the posted speed.²



Thank You

Any Questions?



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