



FMS Smart Mobility

ENTERPRISE SOFTWARE | Version 3.0.108

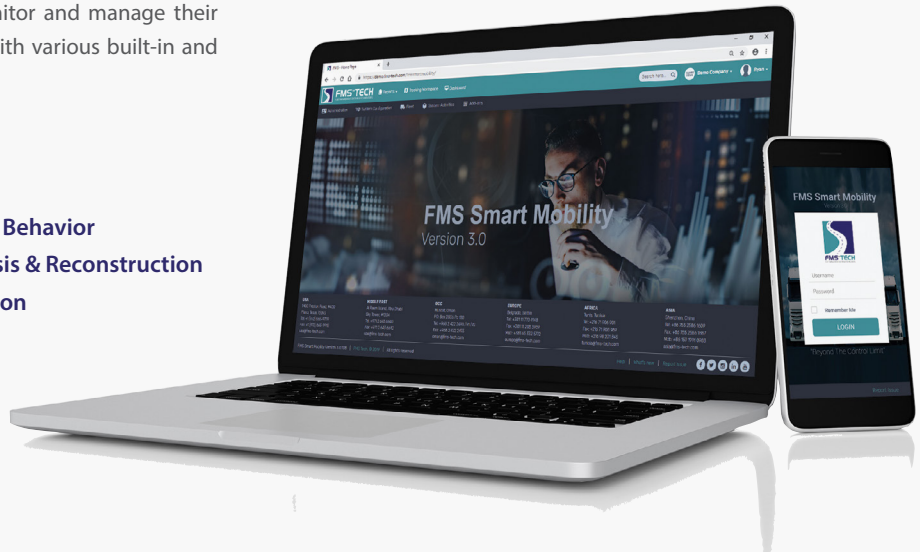


FMS Smart Mobility

Web-Based Fleet Management Software

FMS Smart Mobility is a cloud-based software owned and developed by Fleet Management Systems & Technologies (FMS Tech). It receives the recorded telematics from the FMS Tech. IVMS devices, which are installed in the mobile or stationary assets and presents it to the users in analytical reporting formats. With its user-friendly and intuitive interface, it assists the users to remotely monitor and manage their assets from anywhere via the web. It comes with various built-in and add-on modules for:

- **Live & Historical Tracking of the Asset**
- **Smart Fleet Management & Reporting**
- **Driver Merit System for detailed Driver Behavior**
- **Accident Tracking with Accident Analysis & Reconstruction**
- **Geo-fencing with Remote Immobilization**
- **Maintenance Management**
- **Journey Management**
- **Fuel Management**
- **Route Planning & Route Optimization**



OVERVIEW

FMS Smart Mobility Enterprise software helps the fleet manager to fuel productivity and empower operations to success by controlling drivers' behavior and increasing safety level at the work environment. These resources can make fleet management solutions more powerful.

FMS Smart Mobility is a fully web-based application designed to suit the business requirements and is scalable to be deployed in different environments. It consists of components such as data layer, framework, and application server which can be deployed over clustered servers to cover a wide range of enterprise business needs and could be grouped together in a single server in case of small to medium business requirements.

FMS Smart Mobility gives the fleet manager and to plan and manage the fleet. Managers don't have to be in front of the computer to know what is going on in the organization, and he can define a few mobile phones to which the messages will be sent from the work plans and/or drivers' violations.



HOME PAGE MENUS & SUB-MENUS

ADMINISTRATION	SYSTEM CONFIGURATION	FLEET	SYSTEM ACTIVITIES	REPORTS	ADD-ONS
Users	Company Configuration	Events	In Progress Operations	Basic Reports	Fuel Consumption
Permission Template	Tacho Configuration	Assets	Closed Operations	Graph Reports	Maintenance Management
Log Viewer	Sites	Devices	Offline Operations	Advanced Reports	Journey Management
Service Management	Asset Categories	SIM Cards	Archived Operations	Miscellaneous Reports	SMS Service
License	Driver Categories	Drivers	Notifications	DMS Reports	DMS Configuration
Application Settings	Extended Profile	Driver Access Cards	Tracking Notifications	JMS Reports	
	Parameters	Cameras	Faulty Violation Management	Maintenance Reports	
	GSM Profiles	Operators	Faulty Trip Management	Fuel Consumption Reports	
	Fuel Configuration Profile	E-Lock Devices	Authorized Night Trips	Passenger Reports	
	Power Saving Plans	Trailers	Scheduled Reports		
	SMS Templates	Skip & Bins	Scheduled Downloads		
	Holidays	Depots & Landfills	Remote Download Log		
	Icon Library	Passengers	Download Log		
	Asset Brands	Communication Utility	Remote Server Log		
	Asset Models	Batch Communication	Asset Status Log		
	Recording Templates		Job Orders		

KEY FEATURES

Live Tracking

(GSM and Satellite communication is used to achieve 100% tracking duration)

- Track vehicles day or night via web page
- Locate a vehicle's present position
- See the vehicle's historical path
- Monitor vehicle's speed and direction

Historical Tracking

- View and analyze location information at any period time in the past
- See the exact route that the vehicle traveled

Dynamic Categorization

- Build predefined entities (Vehicle, Driver) and those entities can be grouped within categories
- Help users by applying the configuration over categories for single use

Geo-fencing

- Create new polygon areas which can be used within the event builder
- Notify the base station when the vehicle is in/out of the predefined area

Remote Immobilization

- Remotely immobilize the engine of the vehicle in case of any emergencies such as vehicles leaving the assigned geo-fence or drivers not following the pre-defined route
- Mobilize the vehicle again by a single command

Activity Monitor

- View what is happening in the vehicle in case of a technical problem
- Ability to view the progress of the vehicle

Dynamic Reporting System

- Filterable report templates which can process complicated formula
- Create special filtration criteria and apply it into a report template to generate reports
- Save the reports in user profile to be used in the future

Task-driven Privileges

- Manage security issues within a powerful task-driven security model
- Set a list of allowed tasks that drivers should adhere to
- Encapsulate the tasks in a custom tasks template that can be used by another user in the future

Accident Analysis

- Help in determining the cause of an accident by obtaining operating parameters such as speed, RPM, and all other connected sensors of a vehicle as it travels
- Get 30 minutes prior the accident worth of report

SOFTWARE MENUS

Administration Menu

Users

All administrators have an access to all FMS Smart Mobility functions such as configuration, creation/editing of driver/vehicle, reports, lock/unlock user, password reset, etc.

Permission Templates

Allows the administrators to create predefined permission sets that will simplify the process of assigning/ changing permissions for an entire user group.

Log Viewer

Provides the administrator the details about most important events that occurred in the system which can help in troubleshooting any issue with the system.

Service Management

Gives the administrator the ability to set the service configuration which allows him to monitor and control the system services.

License

A license is required to be purchased to operate the FMS Smart Mobility Software.

Application Settings

System Parameters used for System Administrator provider.

System Configuration

Company Configuration

This feature allows the user to set and configure all basic setup data and the types of data that the FMS Smart Mobility will require.

Tacho Configuration

The Interval (Tacho) Data Graph displays the second-by-second values of speed, RPM, and other inputs such as headlight status, brake pedal status, etc, that can be used in accident analysis.

Parameters

This shows the parameters used to represent the calculated values returned by connected sensor, such as the speed sensor.

Sites

Allows the user to organize sites and sub sites of the organization along with their supervisor. It also gives live and historical information of the activities of the drivers and assets in sites.

Driver Categories

This feature allows the user to set driver categories, which is a group of drivers that are grouped together to meet a specific classification, and making the report configuration more efficient than managing the drivers individually.

System Configuration (Continuation)

Asset Categories

This feature allows the user to set asset categories, which are the vehicles that are grouped together to meet a specific classification, and making the report configuration more efficient than managing the assets individually. This allows the user to create various groupings of vehicles based on vehicles classified as heavy truck, light truck, engine size etc.

Fuel Configuration Profile

Define the calibrated fuel settings to be used by vehicles after calibrating the fuel tank.

SMS Templates

This is an application that lets you create and manage your own templates for SMS messages.

Icon Library

When a user needs to focus on specific vehicle statuses while in the maps view, a collection of icons is provided as a means of viewing vehicles in online workspace for a quick method to identify the vehicle type.

Asset Models

This menu will display a list of vehicle models that are already imported into the software.

Extended Profile

This allows the user to add customized attributes to the profile of the assets apart from the default. It also provides an option to make the attributes as mandatory or optional during the addition of new asset and control the visibility of the attributes during tracking.

GSM Profile

Define the communication settings between the server and FMS devices to be used when a user added/modified a device.

Power Saving Plans

This feature is used to switch the FMS device to an idle state to allow less power consumption when a vehicle is inactive to allow less power consumption.

Holidays

This feature provides the list of of holidays set by customs or by law, which suspends normal activities, especially business or work.

Asset Brands

This page displays a list of vehicle manufacturers that are already imported into the portal.

Fleet Menu

Events

Events define what should be monitored and/or recorded by the device as well as what other actions the device should take when an event is detected. Events can be driving violations such as overspeeding or user-defined events such as lights off. For example, device can be programmed to send message when a certain event happens like:

- The vehicle enters or leaves a geo-fence
- Trailer door opened/closed
- Engine turned on/off
- Vehicle exceeds the speed limit

Events or violations are monitored and recorded by the FMS on-board computer. An event occurs when the combination of its conditions are true. All events can have various attributes assigned to them. This includes a recording delay and the level of detail to be recorded. A wide range of actions can be performed on either event's start or end such as whether or not to sound the device's buzzer and whether or not to send a message to the office.

Assets

Asset profiles provide the user with a means of configuring range of asset properties that should be configured by the user prior to assets reporting to the system. Each asset type has its own basic profile.

Devices

This menu displays information on all the installed devices, both active or inactive, including details on type of devices, current status, serial number, linked asset, SIM number, last live data, firmware, and version. Syncing of data from the device to FMS Smart Mobility web-based software can be controlled by a single click.

SIM Cards

This feature is used for adding new SIM cards along with their number and GSM provider information.

Drivers

This function allows the users to add, modify, delete, or assign a vehicle and assign a driver with other drivers.

Cameras

This function allows the user to add, modify, or delete NVR and monitor their logs and activities.

Driver Access Cards

This option allows the Driver Access Card to be created and modified. The admin has the ability to manage driver/vehicle limited access to FMS device.

Fleet Menu (Continuation)

E-Lock Devices

This device is used with Trace series only. The Trace series together with e-lock makes it perfect for securing the truck's rear door against unauthorized person. Violations such as open door, fiber optic is broken or disconnected, will activate the e-lock and transmit a message notification immediately (i.e.: SMS) to the responsible person. In addition, the e-lock can be configured by FMS Smart Mobility to send an email in case a violation occurs.



Passengers

The user can add/delete passengers to/from the journey.

Batch Communication

This option allows the user to send a command to the particular vehicle remotely, by using GPRS configurations.

Operators

Operator (owner) is responsible for operating/monitoring a group of vehicles. This option allows to create a new operator and manage existing operators.

Trailers

This feature allows the user in a Server/Remote client infrastructure to update trailer data between the server and the remote client manually. This can be particularly useful when the remote client has lost connection to the server for a long period.

Communication Utility

Direct communication utility enables the user to upload the configuration to the device, calibrate the user cards, read/write the user card and download the FMS Smart Mobility certificate.

System Activities Menu

Notifications

By setting an alert, the fleet manager will get real-time email and SMS notifications when a violation of driving behavior occurs (e.g. speeding, enter/exit restricted areas etc.). Violations are stored in the FMS Smart Mobility system for later reporting.

Notifications					
10		Copy	Print	Save	Q
Code	Name	Event	Active		
1	let's start	OLT - Vehicle ON	<input checked="" type="checkbox"/>		
2	Medo Arrived	OLT - Vehicle OFF	<input checked="" type="checkbox"/>		
3	Error in msg log	OLT - Vehicle ON	<input checked="" type="checkbox"/>		
4	Going Fast	Over Speeding	<input checked="" type="checkbox"/>		

Faulty Violation Management

Authorized user can set violation as faulty in case of device malfunction or wrong configuration set. The system will register the violation as faulty along with the user who validated the violation, date of validation, and user notes.

Faulty Trip Management

This feature helps the user to discover and manage faulty data. Fault management is the component of events management concerned with detecting, isolating, and resolving problems.

Scheduled Reports

With report scheduling, reports can be set to execute without user intervention and various delivery options can be specified. Users can schedule their own reports.

Scheduled Downloads

Allows users to automate the download sending order through configurable schedule.

Authorized Night Trips

Authorized user can mark trip as authorized so it will no longer appear as night driving violation trip in the reports if user checked Exclude Authorized Drivers, Vehicles and Trips under report filter.



System Activities Menu (Continuation)

Asset Status Log

Allows the user to view all company fleets' activities on the system and monitor all incoming status reports and alarms. User can filter the asset status by category, type, device serial number, power failure duration, etc.

Tracking Notifications

This function will give the user the ability to create an audio, visual, or audiovisual violation notification based on predefined distance and duration, or monitor the idle time.

Download Log

This menu will show all vehicles that have data downloaded along with their status during a specific period.

Remote Download Log

This menu will show all remote downloads (GPRS) and their status during specific period.

Remote Server Log

This menu helps the user to check the device's communication and inspect any issues based on latest communication, recent online tracking activity, and recent data download.

Job Orders

This allows FMS installation team to extract job orders for all device installation/ maintenance/ removing process.



DRIVER MERIT SYSTEM



When a person gets behind the wheel of a vehicle, they often, undergo a personality change. They frequently become more aggressive and become high risk takers. There can be multiple reasons for this perceived behavior change: lack of knowledge, lack of skills, lack of realization of the forces involved, negative reinforcement of poor practices, lack of supervision, conflicting objectives, and many more.

In most cases, the lack of knowledge, skills, realization of risk, etc., can be offset by supervision and/or by peer observation. The task of driving, however, does not always allow for this as driving is frequently an unsupervised activity.

Benefits of Driver Merit System:

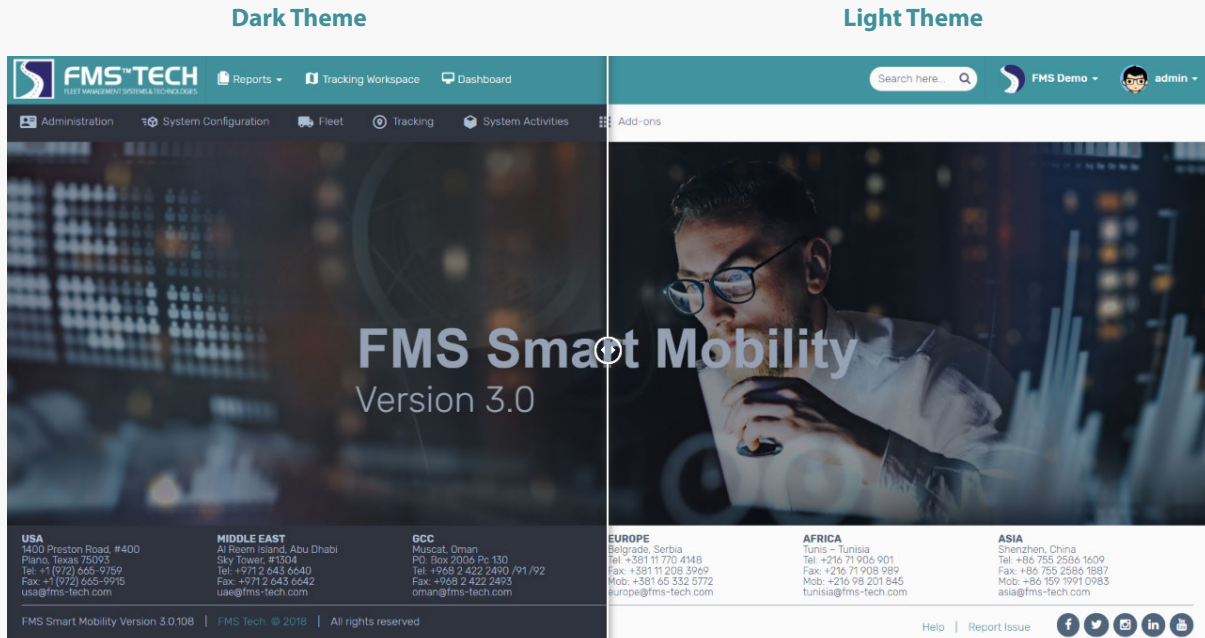
- Provide immediate feedback to the driver when established parameters are exceeded as a display of gap in knowledge, skill or expected behavior
- Automate information gathering and ease of extracting data from the device where several options are available over wired and wireless technology
- Obtain informative and easy to use reports including summarized and statistics reports
- Driver loyalty program assistance
- Score drivers on customized/standard formula for their driving behavior

This helps in better resource management, lower vehicle maintenance costs, and improve road safety. This ultimately educates the drivers to improve their driving behavior.

LATEST FEATURES

Theme Options

With light and dark options, users can select the theme they want for their profile, whichever they prefer and will be easy on their eyes.



Fully Responsive Design

Have the same experience using any device you have. The system will just adapt to show you the most possible content using the available view.

Administration System Configuration **Fleet** System Activities Add-ons

Home / Events

Events

Show 10 entries Copy Print Save Search:

ID	Name	Show In Reports	Active By Default	
1	Driver Identified	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2	Driver Not Identified	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3	Driver ID With Start Relay	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4	Car Moving	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5	Engine On	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

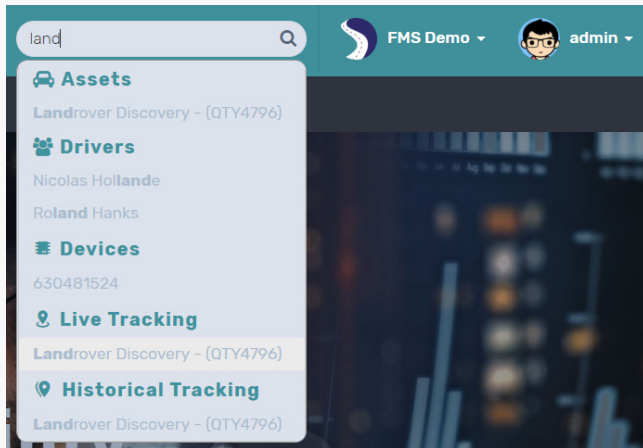
Events

Show 10 entries Copy Print Save Search:

ID	Name	Show In Reports	Active By Default
1	Driver Identified	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Driver Not Identified	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Driver ID With Start Relay	<input type="checkbox"/>	<input checked="" type="checkbox"/>

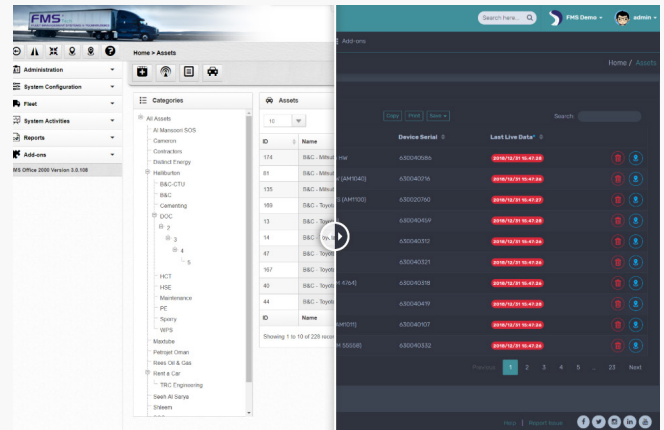
Smart Search

The smart box is another efficient additional feature. It would allow the user to search for a driver, asset, or report, and they will instantly get the most updated information accordingly.



Richer Content

Users can now have a better overview over their fleet's status starting from Asset & Device pages.



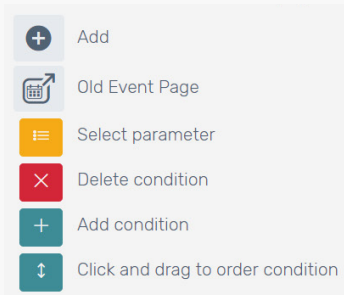
Keep Your Preference Saved

Now, our platform will remember all your preferences, like the preferred theme, language, and the last company you were at.

Events Workspace

We offer you a completely new experience especially when working with conditions. Using the new interactive elements on this area make it very easy and quick to create complicated events. Now, you can put your conditions into groups so the complicated events become much simpler. Re-order your groups and conditions easily by using the arrows or drag/drop.

Our new icons that related to this page:

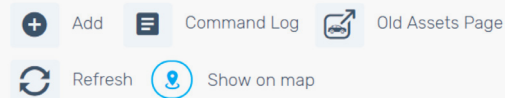


Assets, Drivers and Devices

Assets:

You can directly and at a quick glance tell the status of your fleet through the status and last live data columns in the asset page.

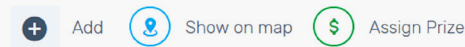
Our new icons related to this page:



Drivers:

Now, each driver has his photo shown with his data.

Our new icons related to this page:



Devices:

You can now easily know the status of the device through the status and last live data column in the device table.

Our new icons related to this page:



Users and Security Management

The new modern and fast layout makes it easier and faster for managers to use the system's users and their access rights.

Our new icons related to this page:



FMS TECH | Reports | Tracking Workspace | Dashboard | Search here... | Demo Company | admin

Administration | System Configuration | Fleet | System Activities | Add-ons

Home / Users

Users

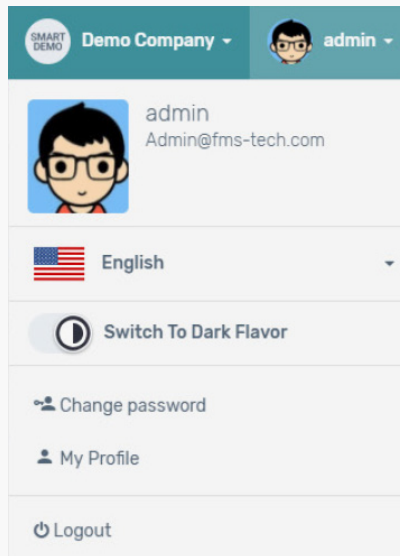
Show 10 entries | Copy | Print | Save | Search

Photo	User Name	Email	Mobile	Last Activity Date	Locked	
	abd	akll@fms-tech.com	0096394772740	20/03/2019	<input type="checkbox"/>	
	abd 2	as@st.c		18/01/2018	<input type="checkbox"/>	
	AbdFUII	asdf@fsc.sdf		31/12/2018	<input type="checkbox"/>	
	ahd user	yygu@ugui.com		08/04/2019	<input type="checkbox"/>	
	ahd_25	sdgsdg2@dfjdg.sg	262626		<input type="checkbox"/>	
	ahdUser15	adsgsdsg@ehery.excg	3455	15/01/2018	<input type="checkbox"/>	
	Aladdin	a@a.com		07/03/2019	<input checked="" type="checkbox"/>	
	allCat	f1@f1f1	11111	22/04/2018	<input type="checkbox"/>	
	ammarr	aammarr@fms-tech.com	9999999	04/10/2018	<input type="checkbox"/>	
	fewFer	qwe@dsf.df	777772312	02/12/2018	<input type="checkbox"/>	

Showing 1 to 10 of 69 entries | Previous | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Next

Personalize It

Because this is your personal workspace, you have the option to select a personal photo of your choice for your profile. The same applies to your Assets and Drivers.



Change Language

You can select your preferred language out of currently 5 supported languages.



English



Arabic



French



Russian



Serbian

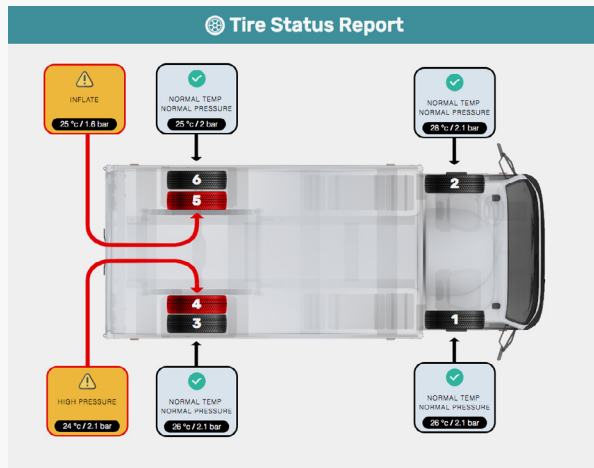
Keep in Touch

We would love to see you in our social media network. Follow us and get the latest updates! Don't forget to stay in touch with us using our social media site at the bottom. If you have an issue, question, or suggestion, we will be glad to hear from you, just click Report Issue.



Tire Pressure Monitoring System

Monitor the tire pressure of your fleet remotely. The tire pressure monitoring system allows fleet managers to see and check the status of the tires by generating a report showing the tire temperature and pressure.





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