

# FMS TECH Corporate Profile FLEET MANAGEMENT SYSTEMS AND TECHNOLOGIES



# BEYOND THE CONTROL LIMIT

Pioneer and Innovator of In-Vehicle Monitoring and On-board Computer Technology















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# CEO MESSAGE



In the early 2000, I was inspired to find solution to some challenging problems affecting almost every business company related to road safety, lack of compliance to regulations, and improper driving.

Some of these worldwide challenges include making our roads safer by focusing on the driver and his behavior. With these challenges

in mind and the eagerness to meet our vision, we were able to build a team of dedicated and highly-professional engineers who have helped us develop what has become one of the best Fleet Management and Road Safety solutions today. This is what FMS Tech. is all about: **Dedication, Innovation**, and **Creativity**.

We started in 2000 by helping a few multinational companies improve their road safety standards using basic tools that we developed using the available technologies at the time. Since then we helped many of our clients save millions of dollars by improving their fleet utilization and information transparency, securing their asset, and change driver behavior.

Today, through our dedicated efforts and investment in our R&D in the past 10 years, FMS Technology Group and its subsidiaries and partners, have become one of the leading innovators of In-Vehicle Monitoring Systems (IVMS), Vehicle Telematics, Connected Vehicle, Machine-2-Machine, Asset and Fleet Management, and Smart City solutions.

We are active and heavily involved in building solutions for Smart City and Connected Vehicles, because we believe that each and everyone has a role to play today, for a better tomorrow.

Our engineers strive to innovate new technologies to help us enhance the experience of our customers and progress in their daily business, improve the way we and others drive our personal and commercial vehicles, reduce carbon dioxide and protect the environment, minimize unnecessary expenditures, and last but not the least, save lives.

We meet our goals by delivering unmatched and customized solutions to our clients. We think ahead by working closely with the local authorities and scientific and research centers in order to make the roads a better place to drive on. We value our clients who are the source of our innovation, our channel partners who help us expand globally, and our professional staff who help us transform our vision into reality.

Our company growth for the past 5 years is the biggest evidence to our success and values that we deliver to our customers. We are focused on win-win situations for all our clients, channel partners, employees, and stakeholders, while we profoundly dedicate to always introduce new innovations and technologies to the market, especially the fleet management and telematics industry.

Bassam Alkassar Founder & Group Chairman



# ABOUT US

Fleet Management Systems and Technologies (FMS Tech.) is a pioneer and innovator of in-vehicle monitoring and on-board computers technology. Since 2006, FMS Tech. has provided fleet management systems that have generated millions of dollars in savings and profits to our customers. Our on-board computers and fleet management software provide vehicle tracking and information to reduce road accidents, and increase productivity, efficiency, and profit.

### **OUR MISSION:**

We are dedicated to providing comprehensive road safety and fleet optimization solutions to fit your unique business needs.

### **OUR VISION:**

Achieving safer roads through forward-thinking and innovative technologies.

### **OUR VALUES:**

The core values of FMS Tech. are the solid pillars that underpin our own success and that of the thousands of the businesses we have helped. These values are the reason that our services, products, and enduring customer-and-dealer relationships are unparalleled in the fleet management industry.

### ··· INTEGRITY

At FMS Tech., we pride ourselves in providing customers with the highest quality products and services that are proven to be exceedingly accurate and reliable. Our technology is tested and tried to be more than 99% accurate in the field and we maintain highly-qualified and easily accessible technical support to be at your side every step of the way.

### CREATIVITY & INNOVATION

From the beginning of the GPS revelation to the rapid advancement of on-board computers, we have dedicated ourselves to staying at the forefront of the technology curve. We work hard in developing products and solutions that are of the highest quality and adaptable to the changing times.

### · HONESTY & TRANSPARENCY

We understand that being more open about our products, prices, and results will set both FMS Tech. and our customers up for success. We make sure that we put our customers as our first priority, and we are focused on presenting them with all of the necessary and detailed information so that they can make an educated business deal.

### **CUSTOMER SATISFACTION**

We are committed to providing our customers with an exemplary overall experience in its business dealings with us. We give value to our clients, and to show our gratitude, we work hard in understanding and providing the best support that we can extend in order for them to maximize their businesses' potential.

## **HISTORICAL** TRACK RECORD



### 2023

- Received PDO Approval for Driver Fatigue Monitoring Solution in Oman.
- ME Partner renewed contract with RTA in Dubai.
- Developed RIG Move Management System for ADNOC Group.
- Signed new partnerships in different countries in the US. Europe, and Africa.



### 2022

- Signed new top-up agreement with a government entity in one of the African countries.
- Released new version of e-lock container security solution.
- One of the ME partners signed 3. years contract with a major water and electricity company to supply turnkey solution for water delivery and distribution by water tanker

### 2021

- New software release including more advanced, and smart city ■ Become part of the Sentinology Group, a USA based company
- offering various Smart City Solutions on ONE Platform Despite the pandemic we delivered over 10000 devices to our.
- customers world-wide
- Relocated part of the R&D team to a new and more modern office in Istanbul Turkey
- Added more than 500 new clients on our customers world-wide Added more than 15000 vehicles world-wide on the FMS Smart Mobility connected vehicles platform

### 2017

-

- Applied for US Patent for EMS DMS Robot Kiosk
- First company to be approved by RTA Dubai for the Dubai Limousine Taxi RMS
- Awarded project with Dubai Taxi Corp for their Limousine Taxi
- Awarded the PTA Rageeb Public Bus Transport project with RTA Dubai

### 2018

- Signed new partnerships
- Launched new products: Multiple Speed Limiter, Eagle Eye, and Persona 100 Plus
- Signed new contracts with ADNOC Group, Petroleum Development Oman. and many others

### 2019

- Launched the new FMS Tech, software platform (FMS Smart Mobility Platform)
- Received ADNOC ICV (In-Country Value) Certificate
- Conducted pilot projects with new international partners
- Launched two new products TPMS (Tire Pressure Monitoring System) & FMS Hub (increase FMS device inputs)
- Signed new contracts with ADNOC Group Signed new contract with Hertz Oman for Oxy OMAN Fleet



### 2020

- Signed 4 years agreement with a large transport company in UAF to cover all their customer's fleet: size 4.500 vehicles.
- Despite the challenging time during the 2020 pandemic, one of our partners installed and delivered Track 2k+ on 3000 vehicles in less than 4 months.
- Established new R&D center in Istanbul Turkey to serve the Europe, Middle East, and Africa regions.
- Released more advanced FMS Smart Mobility Dashboard. ■ Signed new agreement with large enterprise O&G company to supply 24/7 control center manpower resources and reporting services: including emergency response, immediate alert, and intervention.

### 2016

by 110%





Increased number of connected vehicle



### 2015

- Signed with Schlumberger and Halliburton for their UAE Fleet
- Growing client database at a rate of 200% from 2014

### 2014

- First Installation with iridium satellite support
  - Obtained approval from British Petroleum
  - Obtained various contracts with leading and multinational companies in the MENA region



### **2013**

ADNOC Distribution UAE Signed exclusivity with





- Launched operation in Sultanate of Oman (Global FMS)
- Registered the group company in the State of Delaware - USA
- Expanded clients based in GCC
- First installations in Saudi Arabia. Kuwait, Iraq, Oatar, and Bahrain



### ■ Company Establishment

5006



### 2007 Product Research and

Development (R&D) Gathering customers and market requirement



### 2008 Research and Development (R&D)

Product Design and Development Ouality Assurance



### 2009

- Obtained CE Certificates for Center 2K and Track 2K Plus ■ Obtained ISO Quality
- Certificate 9001-2008
- Produced first range of products



### 2010

- Product Certification
- Product Approval and Launching in UAE, Egypt, Syria, Tunisia and Oman
- Signed several contracts with various oil and gas companies in the Middle Fast



### 2011

- Launched operation in Abu Dhabi - UAE (BBIS)
- Obtained UAE TRA Approval
- Obtained ADNOC/ADCO
- Approvals in UAE ■ Signed contract with ADCO UAE
- Signed contract with Customs Tunisia





# WHY FMS TECH.?

Fleets that deploy FMS Tech. products become more responsive, efficient, and competitive.

### Your Technology Partner

To harness the unpredictable global supply chain and meet corporate objectives for comprehensive global fleet management reporting, companies can call upon the flexibility, experience and innovation of FMS Tech., a stable global partner who goes beyond the traditional to develop fleet solutions.

### The Best Global Technology Available

FMS Tech., is one of the industry leaders for technology and global data integration. Our web-based fleet management system, FMS Smart Mobility Portal, provides a user-friendly interface and can be accessed by fleet personnel in any country through internet connection. FMS Tech. can even report on vehicles in any of the smaller, emerging markets that other major fleet providers avoid. This enables companies to capture relative fleet costs and information worldwide.

### A Market as Diverse as the Landscape

FMS Tech. has realizes the importance of focus, dedication, and specialization in our industry. We know that our clients have very unique and dynamic needs that require customization. The FMS Tech. team is dedicated to providing solutions for each unique challenge faced by clients to ensure their objectives are met and expectations are exceeded. FMS Tech. is in continuous development to enhance its products and supply its customers with new innovations at lower prices.

### **Customer Satisfaction**

Let the qualified and well-experienced FMS Tech. team provide you with exemplar support and customer service. We will train your employees on the software, hardware, reporting, and navigation of the FMS Tech. products while also being available, by your side, for support if needed.

### Solution-driven Profit

How will such a solution ensure that your value proposition and your services are better for your customers? FMS Tech. solution experts will show you how to:

- Run a more efficient fleet.
- Achieve transparency to gain insight to the details of your fleet.
- Deliver new and innovative services that improve your B2B business.
- Monitor, document, and communicate the data you specifically require to lower costs and increase revenue.

With FMS Tech. solutions, you will have complete transparency of your fleet, record real-time proof of delivery, automate workflows, and gather more details without placing added burden on you drivers, thus, improving customer service, increasing revenue opportunities and reducing the cost of operation.

## WHAT MAKES FMS TECH. DIFFERENT?











## WIDE RANGE OF SOLUTIONS

At FMS Tech., we pride ourselves in providing customers with the highest quality products and services that are proven to be exceedingly accurate and reliable. Our technology is tested and tried to be more than 99% accurate in the field and we maintain highly-qualified and easily accessible technical support to assist you every step of the way.

### USER-FRIENDLY SOFTWARE

Developed especially for ease of use, the FMS Tech. applications and software are easy to navigate and utilize by all users regardless of the experience.

### UNPARALLELED CUSTOMER SUPPORT

The customer and technical support provided by FMS Tech. is accurate and reliable to ensure issues are quickly and easily addressed.

### HARDWARE & SOFTWARE INTEGRATION

Easy and customized updates are easily applied to the software and sent to the devices to provide superior experience for the client.

## PRODUCT OF INTEGRITY

Providing high-quality and reliable products that are certified for many applications including government and oil and gas industries



## **APPROVALS & CERTIFICATIONS**

### **Products**







R&TTE

### **Quality and Management**







### **Approvals**





























## **OUR SERVICES**





Our expert transport and mobility design team will extend a hand to provide a thorough assessment and evaluation of your vehicles and mobility requirements and come up with the best solution that will help your business reach its full potential while reducing your fleet size and lowering your transportation cost.



HARDWARE & SOFTWARE CUSTOMIZATION

Our FMS Tech. hardware and software solutions are flexible and modular; our specialized professionals can customize our off-the-shelf products to adapt to your specific needs quickly and efficiently and to your timetable.



## TAILOR-MADE SOLUTIONS

Each company's vehicle fleet is unique. To run it in the most efficient way demands specialized skills and tailor-made solutions designed specifically to meet individual operating requirements. FMS Tech. has the capacity to develop tailor-made solutions for unique circumstances and to fully adapt to each customer's specific needs, on-time and on-budget.

## OUR SERVICES







## INSTALLATION & DELIVERY

We make sure your orders are delivered in a timely manner, and your vehicles are handled with utmost care while we install the devices. Our installation teams and certified engineers are well trained to handle and understand the complexities of each vehicle that goes in and out of our workshop, to eliminate all possible operational error that may occur in the future.

### **TRAINING**

Our team can assist you in training your staff on how to configure, manage, and obtain reports from our cutting-edge FMS TECH. fleet management platform. Our training programs are designed to cover all necessary operational skills your team will need, and advise on your staff roles and responsibilities needed to operate and manage the whole system effectively.

### PROJECT MANAGEMENT & SUPPORT

We let you focus on your business and what you do best while we manage your fleet. FMS TECH. professionals have the capacity to manage your fleets on your behalf to meet your business objectives and deliver a working solution without having to add to your own staff's workload.



## HOW DO FMS TECH. SOLUTIONS WORK?





Information about the mobile asset is captured, recorded, and analyzed by the FMS Tech. hardware.





Data from FMS. Tech hardware is automatically sent through a mobile network or LEO satellite.





The data is received on the FMS Tech. cloud server and accessible online from any device connected to the internet.





Route planning, driver analytics, vehicle information, and communication, are sent by the fleet operators or managers from the control room to the vehicles through the online portal.





# FMS TECH SMART CITY TRANSPORT SOLUTIONS

## FMS Tech. offers a range of products as part of its Smart City and Connected Vehicle solutions:

- IVMS (In-Vehicle Monitoring System) The No. 1 Proven Solution to reduce road accidents and monitor driver behavior in commercial vehicles
- Driver Fatigue & Distraction Monitoring
- Fuel Management
- Journey Management
- Waste Management
- Multiple Speed Limiter
- Tire Pressure Monitoring System
- Smart School Bus
- Asset Management
- Vehicle Maintenance
- Digital Tachograph
- Driver Merit System (Driver Loyalty Program on Road Safety)

### **BENEFITS:**

- Improved road safety
- Enhanced fleet management
- Reduced fuel consumption
- Improved security and control
- Reduced CO2 emission
- Improved vehicle utilization
- Improved supply and logistics transport
- Elimination of unnecessary trips
- Connected vehicles
- More advanced security

## IN-VEHICLE MONITORING SOLUTION (IVMS)

In-Vehicle-Monitoring-Solution (IVMS) is a technology that has been in the market for almost two decades now. IVMS is mainly used by companies that rely on land transport in their operation. Companies use IVMS to monitor and change driver behavior as part of the company's HSE and Road Safety Policy and Compliance. A good IVMS device is a true telematics device capable of recording vehicle speed, engine RPM, harsh braking, harsh acceleration, in addition to many other vehicle parameters. It then links such information including vehicle location and trip information to a specific and real driver.

The IVMS device is an electronic and telematics device connected to a web-based and cloud software with high degree of anti-tampering capability to give true and accurate reports and performance on each driver. IVMS has become a well-known system among O&G companies and their contractors for its great benefits to various teams in the company such as HSE – Road Safety, Operations, Administration, and Transport teams. It has also become a standard-and-enforced system by all major oil and gas producers worldwide. An IVMS hardware device is designed to operate on different engines and mobile assets including but not limited to: light and heavy vehicles, trucks, buses, sand machines, etc.

FMS Tech. offers a wide range of highly-reliable IVMS devices with a blend of different features to meet almost every requirement. From entry level to high enterprise solutions, FMS Tech.'s IVMS devices are built to last for decades and meet simple to the most sophisticated requirements. FMS Tech.'s IVMS products and solutions can meet almost every budget and are suitable for every company size from small to large enterprises as well as fit for purpose.



## **DRIVER FATIGUE & DISTRACTION MONITORING**

Long working hours, demanding operation, and intensive work, and driver over confidence, may lead to sever accidents and negative consequences.

Driver Fatigue Management system helps reduce driver fatigue, alert driver and control room in case of fatigue, and reduce accidents caused by driver fatigue.

The first step towards a safer fleet is to become aware of which unsafe practices and habits are taking place, when they take place, and which drivers are responsible.

Having a monitoring system in place isn't enough. The system must also provide immediate feedback that calls drivers' attention to their behavior so that they can recognize and correct unsafe habits.





https://fms-tech.com/solutions/driver-fatique-distraction-monitoring-system/

# FUEL MANAGEMENT

Fuel is a large and fluctuating expense for most companies, but by implementing controls and tools to increase fuel efficiencies companies can quickly see the large and long-term benefits of such investments.

FMS Tech. provides solutions that include both the hardware and software to operate seamlessly together, giving fleet managers and business owners the right set of tools needed to effectively monitor and manage fleet's fuel consumption and detect fuel theft.

Monitoring fuel consumption and economy is an important factor when managing a fleet. When fuel transactions recorded into FMS Smart Mobility portal, numerous fuel statistics calculations are performed that will help show you trends in wear and abuse of your vehicle. This fuel tracking software can print out detailed reports so that you know where you stand at any given time.

### Did You Know?

- Efficient drivers can get approximately 30% better mileage per gallon than less efficient drivers.
- The average long-haul truck uses over US\$3,700 of fuel per year in idling alone.
- Fuel economy decreases by half a mile per gallon for every five miles per hour (MPH) in excess of 55 MPH.

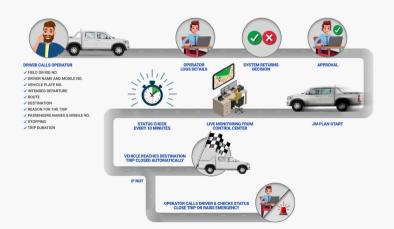


# JOURNEY MANAGEMENT

When making a road journey, your chances of arriving safely are greatly increased by careful planning. Fail to plan adequately will lead to increased risk and your chance of being involved in an incident.

A Journey Management Plan is typically a set process that you follow for planning and undertaking road transport journeys in compliance with HSE requirements, with the goal of arriving safely. Every country and company will operate different standards but as a general rule it is wise to put in place a Journey Management Plan for trips of more than 1.0 hour.

### **JMS Planning and Execution**





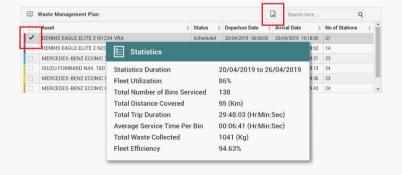
https://fms-tech.com/solutions/journey-management/

## WASTE MANAGEMENT

Tracking waste is a slow, costly and labor-intensive process. New technologies like Telematics and Radio Frequency Identification (RFID) is enabling change. Based on reliable FMS Tech. Telematics and Fleet Management Platform, FMS Tech. is leveraging on its existing and very rich and highly reliable and scalable core platform for its Waste Management solution.

Waste bins come in many shapes, materials and sizes, but large or small, metal or plastic, residential or commercial, they are all subject to harsh environments and rough handling.

## **Know the Exact Statistics of Your Fleet Utilization**





## MULTIPLE SPEED LIMITER

Road crashes are one of the leading causes of death globally. In the efforts to eliminate this, speed limits are implemented in most, if not all, parts of the world. It is extremely important for drivers to abide by the limit that is set on the roads.

The FMS Tech. solution is capable of setting and electronically locking the vehicle to a certain speed limit. Through the speed limiter, fleet managers can keep the vehicles at the determined speed of the area where the vehicles are operating, and not be anxious about speeding violations that may occur.





https://fms-tech.com/solutions/multiple-speed-limiter/

## TIRE PRESSURE MONITORING SYSTEM (TPMS)

FMS Tech. TPMS solution consists of remote monitoring of tire-pressure & tire-temperature, which is achieved by the TPMS sensors mounted on the stem valve of the tires that wirelessly communicates with the TPMS Gateway installed in the vehicle. The TPMS Gateway is integrated with the FMS Tech. IVMS device FMS Track 2K+ that is responsible to upload the recorded telematics along with TPMS information to the FMS cloud-based software.

### Why TPMS?

Warn the control room that at least one or more tires are significantly underinflated or over-inflated possibly creating unsafe driving conditions.





https://fms-tech.com/solutions/tire-pressure-monitoring-system/

# SMART SCHOOL BUS

In every part of the world, school buses are utilized in order to establish a safe and secure journey for each child to and from school. The technology from FMS Tech.. is being used to ensure that the bus ride for every child on board the school bus is safe. Solutions such as automated student identification are being implemented to see to it that each student is accounted for and arrives both at school and home safely each day.

### **FMS Tech. School Bus Capabilities**

### PARENT:

- Dedicated Mobile Application
- Child's Real Time Data About Location & Attendance
- Status Notifications & Alerts on Smart Phone
- Calling, Messaging & Email facility to the Bus Supervisor or School

### STUDENT:

■ Dedicated Unique Electronic ID for Attendance & Location

### **BUS SUPERVISOR:**

- Dedicated Mobile Application
- Student Checking In/Out of the Bus
- Send/Receive Messages from Parents & School
- View Assigned Routes & Report Incidents

### **BUS DRIVER:**

- Driver Identification by Biometric Fingerprint Identification
- Driving Behavior
- Route Optimization

### **EDUCATION AUTHORITY:**

- Live Stream Video from the Buses
- Record Bus Violation
- Check Bus's Condition
- Monitor & Direct Drivers in Real Time
- Generate Reports on Students, Buses, Drivers, Supervisors, Incidents & Trip Costs

### TRAFFIC AUTHORITY:

■ Non-compliance & Tailgating Violations



https://fms-tech.com/solutions/smart-school-bus-system/

# ASSET MANAGEMENT

With FMS Tech., organizations can manage the life cycle of an asset – from its initial design or purchase, through its operational life to its eventual disposal.

Asset Management also helps organizations articulate maintenance policies and strategies to maximize asset value and productivity. These strategies include proactive maintenance programs such as condition monitoring, reliability-centered maintenance and lean processes to drive improvement.





# VEHICLE MAINTENANCE

FMS Tech. fleet management and tracking solutions provide a set of useful software tools for helping fleet managers deal preventive vehicle maintenance and repair activities critical to maintaining vehicles and other fleet assets.

Our fleet maintenance management solutions deliver the ability to capture, track, and analyze your fleet's metrics.

With all the information you need expressed in a meaningful and connected way, you are in a position to make the decisions and adjustments that will optimize fleet operations and lower maintenance costs across the entire organization.

Preventive maintenance and scheduled service activities are triggered by the vehicle odometer reading through the installed FMS on-board computer, and all of the maintenance features to help streamline the fleet maintenance management process.

Our "anytime-anywhere" platform provides fleet managers with the reporting tools they need to oversee all aspects of the operation, while improving satisfaction for everyone involved in the fleet management process.



## DIGITAL TACHOGRAPH

The Hours-of-Service (HoS) regulations (49 CFR Part 395) put limits in place for when and how long commerical motor vehicle (CMV) drivers could drive. It is managed by the US DoT (Department of Transport). These regulations are based on an exhaustive scientific review and are designed to ensure truck drivers get the necessary rest to perform safe operations.

Commercial vehicles constitute a big part of the daily traffic on roads, especially during normal working hours. Accidents due to bad driving habits may cause fatal and unpredictable consequences that lead to negative social and economic affects.

With today's rapid electronics and communications technology, digital tachographs have become compact, powerful, and more affordable offering more advanced fleet management and telematics features better than ever before.

FMS Tech. Digital Tachograph systems have been widely used at a national level as mandatory system enforced by DOT and law enforcement.



# **ÍNDUSTRIES** WE SERVE







Transport & Distribution



Security & Customs



Education



Public Transport



Taxi & Limo



Car Rental



Construction



Municipality



Waste Management



Car Insurance





# OIL & GAS

FMS Tech. has serviced the Oil & Gas industry for years due to this market's strict health and safety requirements and the dangerous nature of the jobs within the industry. The FMS Tech. solutions can help Oil & Gas companies streamline their distribution process by providing a single platform to see all of their fleets, vehicles, and drivers along with the performance and status of each. Driver behavior and reports on such are important in the Oil and Gas supply chain as they help reduce waste, casualties, and CO2 emissions.

### **MAIN BENEFITS:**

- Implementing and monitoring adherence of health and safety regulations
- Encourages and motivates better driving behavior and performance through incentives
- Providing transparency within fleet operations and costs
- Finding efficient ways to ensure policies are followed

### **KEY FEATURES:**

- The FMS Smart Mobility portal is accessible from any device
- Automated and customized reports
- CO2 emissions reporting
- Performance reporting based on asset, driver, or both
- Global customer service and tech support to address any and all issues that may arise

- Waterproof, shockproof, and durable telematics device
- Rear, front, and 360-degree cameras
- RFID card readers
- Speed-limiting capabilities
- Fingerprint scanner
- Driver drowsiness detection
- Two-way communication between the driver and control room
- Driver reward system based on performance
- Fuel gauge sensor for added accuracy in fuel consumption and fuel tank security
- Accident recreation technology with digital tachograph
- Geofencing technology





Shipping goods from point A to B involves many factors. FMS Tech. solutions are designed to make the logistics piece of the supply chain as efficient and safe as possible. Providing visibility to fleet operations, oversight to drivers, long term tracking of KPI's, and adhering to strict safety polices can all be accomplished with the FMS Tech. solutions.

### **MAIN BENEFITS:**

- Tracking and identifying trends in KPI's such as on time delivery, products delivered without damage, and deliveries completed securely
- Identifying areas in the supply chain that are causing bottle necks and applying appropriate solutions to drive efficiency
- Ensuring refrigerated trucks are kept at specified temperatures
- Making the customs and cross-border operations more efficient
- Protecting cargo from theft or other potential illegal activities
- Tracking the location and status of vehicles and other assets
- Routing vehicles to ensure they are taking the most cost effective route
- Implementing safety standards in accordance with local and national regulations

### **KEY FEATURES:**

- The FMS Smart Mobility portal is accessible from any device
- Automated and customized reports
- CO2 emissions reporting
- Electronic seal for cargo trailers and containers
- Performance reporting based on asset, driver, or both
- Global customer service and tech support to address any and all issues that may arise

- Waterproof, shockproof, and durable telematics device
- Durable and tamper-proof electronic seal known as E-Lock
- Accurate temperature sensor for refrigerated trucks
- Rear, front, and 360-degree cameras
- Sensors to implement automated breaking when needed
- RFID card readers
- Fingerprint scanner
- Speed-limiting capabilities
- Drowsiness detection
- Two-way communication between the driver and control room
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Security devices in vehicles are needed for many reasons—from transporting precious goods to keeping drivers and passengers safe in high-risk areas. FMS Tech. continues to provide advanced solutions to ensure secure operations in regions across the globe. Solutions such as multi-facing cameras, driver identification required to start a vehicle, and electronic seals for transporting cargo are a few of the ways FMS Tech. is implementing secure technologies on the roads today.

### **MAIN BENEFITS:**

- Protecting passengers from dangerous threats
- Protecting vehicles and cargo from theft or other illegal activity
- Tracking the location and status of vehicles and other assets
- Ensuring a quick response time in case of an emergency that involves the company's assets
- Routing vehicles to ensure they are taking the safest route
- Implementing safety standards in accordance with local and national regulations

### **KEY FEATURES:**

- The FMS Smart Mobility portal is accessible from any device
- Automated and customized reports
- CO2 emissions reporting
- Performance reporting based on asset, driver, or both
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In every part of the world, school buses are utilized in order to establish a safe and secure journey for each child to and from school. The technology from FMS Tech. is being used to ensure that the bus ride for every child on board the school bus is safe. Solutions such as automated student identification are being implemented to see to it that each student is accounted for and arrives both at school and home safely each day.

### **MAIN BENEFITS:**

- Protecting students from potential casualties and accidents
- Routing vehicles to ensure they are on schedule
- Implementing safety standards in accordance with local or national regulations
- Giving students' parents peace of mind knowing their children are transported safely

### **KEY FEATURES:**

- The FMS Smart Mobility portal is accessible from any device
- Automated and customized reports
- CO2 emissions reporting
- Performance reporting based on asset, driver, or both
- Global customer service and tech support to address any and all issues that may arise

### What are the Recommended Telematics (IVMS) Solutions?

- Waterproof, shockproof, and durable telematics device
- Rear, front, and 360-degree cameras
- Sensors to implement automated breaking when needed
- RFID card readers
- Fingerprint scanner
- Speed-limiting capabilities
- Drowsiness detection
- Two-way communication between the driver and control room
- Driver reward system based on performance
- Fuel gauge sensor for added accuracy in fuel consumption and fuel tank security
- Accident recreation technology with digital tachograph

Geofencing technology

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Cities today are full of buses, trams, subways, and other forms of public transport. These methods of mass transport help improve a community, but are required to be follow a safe and responsible way of implementation. FMS Tech. is proud to serve public transportation vehicles with innovative safety technologies to ensure pedestrians traveling around their city can do so in a safe and efficient way.

### **MAIN BENEFITS:**

- Protecting commuters from potential casualties and accidents
- Routing vehicles to ensure they are on schedule
- Implementing safety standards in accordance with local and national regulations
- Tracking performance to make useful improvements if KPI's are not met

### **KEY FEATURES:**

- The FMS Smart Mobility portal is accessible from any device
- Automated and customized reports
- CO2 emissions reporting
- Performance reporting based on asset, driver, or both
- Global customer service and tech support to address any and all issues that may arise

- Waterproof, shockproof, and durable telematics device
- Rear, front, and 360-degree cameras
- Sensors to implement automated breaking when needed
- RFID card reader
- Fingerprint scanner
- Speed-limiting capabilities
- Drowsiness detection
- Two-way communication between the driver and control room
- Driver reward system based on performance
- Fuel gauge sensor for added accuracy in fuel consumption and fuel tank security
- Accident recreation technology with digital tachograph
- Geofencing technology





Transporting customers to and from locations means that taxi and limo services have an obligation to report trips, charges, and other related details, as well as keeping customers safe. FMS Tech.nologies provides a wide ranges of services to help efficiently manage taxi and limo services as well as providing the security of a safe ride to passengers.

### **MAIN BENEFITS:**

- Protecting riders from potential casualties and accidents
- Meter technology to track charges and allow clients to make payments easily
- Proving easy-to-use apps for clients to order and track their rides
- Routing vehicles to ensure they are on schedule
- Implementing safety standards in accordance with local or national regulations
- Tracking performance to make useful improvements if KPI's are not met

### **KEY FEATURES:**

- The FMS Smart Mobility portal is accessible from any device
- Automated and customized reports
- CO2 emissions reporting
- Customized FMS Tech. ride sharing app
- Performance reporting based on asset, driver, or both
- Global customer service and tech support to address any and all issues that may arise

- Waterproof, shockproof, and durable telematics device
- Rear, front, and 360-degree cameras
- Sensors to implement automated breaking when needed
- RFID card reader
- Fingerprint scanner
- Speed-limiting capabilities
- Drowsiness detection
- Two-way communication between the driver and control room
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- Geofencing technology





Car rental services need to adhere to strict controls to ensure vehicles are handled with care and according to the rental office's policies. FMS Tech.'s solutions can help provide rental companies with the tools to keep vehicles in allowed operating area, investigate incident causes, and ensure the safe return of their vehicles.

#### **MAIN BENEFITS:**

- Ensure drivers stay within the allowed operating area
- Identify the cause of an accident if it occurs
- Giving visibility to vehicle location when needed
- Track and trace vehicles and their performance with automated reporting

#### **KEY FEATURES:**

- The FMS Smart Mobility portal is accessible from any device
- Automated and customized reports generated for each clients' specific needs
- CO2 emissions reporting
- Performance reporting based on asset, driver, or both
- Global customer service and tech support to address any and all issues that may arise

- Waterproof, shockproof, and durable telematics device
- Rear, front, and 360-degree cameras
- Sensors to implement automated breaking when needed
- RFID card reader
- Fingerprint scanner
- Speed-limiting capabilities
- Drowsiness detection
- Two-way communication between the driver and control room
- Driver reward system based on performance
- Fuel gauge sensor for added accuracy in fuel consumption and fuel tank security
- Accident recreation technology with digital tachograph
- Geofencing technology
- Sensors to implement automated breaking when needed





The construction industry is a key industry that uses technology to improve fleet and equipment efficiencies. To help in this process, the FMS Tech. solutions can be implemented to ensure both on-road and off-road equipment are accounted for and being utilized at the highest productivity possible. The assets in the construction business need to be tracked and identified which FMS Tech. can do through the FMS Smart Mobility portal accessible by any device such as desktop, mobile, or tablet. Project managers, fleet managers, and control rooms can easily check the status and performance of a project, in a single view. The system can also ensure all equipment has regular service and maintenance to keep operations running smoothly.

#### **MAIN BENEFITS:**

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- Protecting assets and ensuring maintenance is performed in a timely manner
- Tracking the location of drivers and vehicles to ensure costs are allocated accurately across projects
- Ensuring that only authorized personnel are operating specific machines
- Finding efficient ways to ensure policies are followed

#### **KEY FEATURES:**

- The FMS Smart Mobility portal accessible from any device
- Automated and customized reports
- CO2 emissions reporting
- Performance reporting based on asset, driver, or both
- Global customer service and tech support to address any and all issues that may arise

- Waterproof, shockproof, and durable telematics device
- Rear, front, and 360-degree cameras
- Speed-limiting Capabilities
- RFID card readers
- Fingerprint scanner
- Driver drowsiness detection
- Two-way communication between the driver and control room
- Driver reward system based on performance
- Fuel gauge sensor for added accuracy in fuel consumption and fuel tank security
- Accident recreation technology with digital tachograph
- Geofencing technology





In order to support officials such as police, government workers, and even emergency response team, municipalities have a wide range of fleet management needs. Each of these set of officials has its own set of unique requirements for safety and efficiency that can be solved with the FMS Tech. solutions. FMS Tech. is proud to service municipalities around the world in helping them meet their performance, efficiency, security, and safety needs.

#### **MAIN BENEFITS:**

- Protecting officials and other riders from potential casualties and accidents
- Implementing security system in and around vehicles
- Giving full visibility of vehicles, personnel, and relative environmental situations to the control room
- Implementing safety standards in accordance with local or national regulations
- Tracking performance to make useful improvements if KPI's are not met

#### **KEY FEATURES:**

- The FMS Smart Mobility portal is accessible from any device
- Automated and customized reports
- CO2 Emissions Reporting
- Customized FMS Tech. ride sharing app
- Performance reporting based on asset, driver, or both
- Global Customer Service and Tech support to address any and all issues that may arise

- Waterproof, shockproof, and durable telematics device
- Rear, front, and 360-degree cameras
- Sensors to implement automated breaking when needed
- RFID card readers
- Fingerprint scanner
- Speed-limiting capabilities
- Drowsiness detection
- Two-way communication between the driver and control room
- Driver reward system based on performance
- Fuel gauge sensor for added accuracy in fuel consumption and fuel tank security
- Accident recreation technology with digital tachograph
- Geofencing technology





Waste management is a unique industry that FMS Tech. is proud to serve. Due to the repetitive nature of the waste management vehicles, FMS Tech. is able to implement solutions that will make their routes more efficient and time effective. Drivers are able to receive route information and are provided with site-specific details when needed. Weather, traffic, and construction notifications are also used to ensure the waste management routes are effective.

#### **MAIN BENEFITS:**

- Routing vehicles to ensure efficient routes and on-time stops are consistent
- Tracking and evaluating driver performance to ensure safe and smart driving
- Communicating with the driver about route and site specific information as needed
- Tracking performance to make useful improvements if KPI's are not met

#### **KEY FEATURES:**

- The FMS Smart Mobility portal is accessible from any device
- Automated and customized reports
- CO2 emissions reporting
- Journey management technology to ensure efficient routes are kept
- Performance reporting based on asset, driver, or both
- Global customer service and tech support to address any and all issues that may arise

- Waterproof, shockproof, and durable telematics device
- Rear, front, and 360-degree cameras
- Sensors to implement automated breaking when needed
- Other general sensors to store and track city related data
- RFID card reader
- Fingerprint scanner
- Speed-limiting capabilities
- Drowsiness detection
- Two-way communication between the driver and control room
- Driver reward system based on performance
- Fuel gauge sensor for added accuracy in fuel consumption and fuel tank security
- Accident recreation technology with digital tachograph
- Geofencing technology





Insurance companies have a unique set of requirements when it comes to telematics and IVMS devices. In order to track customer driving behaviors, insurance providers are able to utilize the FMS Tech. solutions to decrease risk exposure and increase customer loyalty. Insurance companies, with the help of FMS Tech. solutions, are able to successfully implement user-based pricing and incentives in an easy, low cost way.

#### **MAIN BENEFITS:**

- Identifying high and low risk users and working to retain the low risk customers for higher profits
- Providing customers with visibility into how the pricing structure is calculated and giving them tools to improve
- Giving clients applicable feedback based on their driving habits that will help them become a low risk driver and in turn reduce their premiums
- Streamlining the risk analysis process to make customer analysis more efficient

#### **KEY FEATURES:**

- The FMS Smart Mobility portal is accessible from any device
- Automated and customized reports
- CO2 emissions reporting
- Customized FMS Tech. ride sharing app
- Performance reporting based on asset, driver, or both
- Global customer service and tech support to address any and all issues that may arise

- Waterproof, shockproof, and durable telematics device
- Driver behavior reports generated automatically
- Built-in risk assessment tools to identify low and high risk drivers
- An easy to implement driver merit system to help motivate drivers to be more safe on the roads
- Rear, front, and 360-degree cameras
- Sensors to implement automated breaking when needed
- Other general sensors to store and track city related data
- RFID card readers for ID-enabled driving
- Fingerprint Scanner
- Speed-limiting capabilities
- Driver drowsiness detection
- Two-way communication between the driver and control room
- Driver reward system based on performance
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- Geofencing technology



## **FMS SMART MOBILITY**

Version 3.0.108  $\star\star\star\star\star\star$ 

FMS Smart Mobility is a cloud-based software that 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.



To know more about FMS Smart Mobility features, visit this URL: https://fms-tech.com/fms-smart-mobility/

# SOFTWARE BENEFITS

## How can you enjoy all the benefits of the EMS Tech Solutions?

How can you enjoy all the benefits brought to you by FMS Smart Mobility portal?

FMS Tech., users access their fleet and assets information using a single access point to the FMS Tech Cloud. A fully dedicated and state of the art data center offers high bandwidth throughput and redundant communication channels. Such setup gives our users high speed internet connection to access their fleet and vehicle information over secure TCP and HTTPS and high availability servers.

Every client can have one or more accounts to access their fleet and asset information. Each user account can be configured to give the user different access level to information according to credentials, level, and fleet and asset category.

#### Users can enjoy true online information at any time from any access point.

For upper management, the FMS Smart Mobility portal offers a sophisticated and easy to use dashboard showing different fleet information and statistics with illustrations and graphs that can easily be configured and changed according to management requirements.

Over 60+ different reports give the management an exact picture of their fleet status. Managers and executives can rely on FMS Smart Mobility portal's accurate information to help them make informative decisions.

- Generate driver, vehicle and trip reports
- Make informative decision
- Manage your fleet
- Track your vehicles online and offline



#### IN-VEHICLE MONITORING SYSTEM HARDWARES



**FMS CENTER 2000 PLUS** 

PRODUCT CODE: **FMS-01102-000** http://bit.ly/Center2KPlus





#### **FMS TRACK 2000 PLUS IoT**

PRODUCT CODE: **FMS-01112-003** https://bit.ly/Track2KPlusloT





#### **FMS TRACK 2000 PLUS**

PRODUCT CODE: **FMS-01112-000** http://bit.ly/Track2KPlus





#### **FMS TRACE 2000**

PRODUCT CODE: **FMS-01112-000** http://bit.ly/Trace2K





#### FMS TRACK 2000 PLUS HID

PRODUCT CODE: **FMS-01112-002** http://bit.ly/Track2KPlusHID





#### PERSONA 200

PRODUCT CODE: **FMS-06112-002** https://bit.ly/Persona200



#### LEO SATELLITE COMMUNICATION MODEM



#### **FMS SBD SKY LINK**

PRODUCT CODE: FMS-01022-000 http://bit.ly/SBDSkyLink



## SELF-POWERED TRACKING DEVICE

FMS POWER TRACE 2000
PRODUCT CODE: FMS-05112-003
http://bit.ly/PowerTrace2K



#### DIGITAL TACHOGRAPH SYSTEM



#### **FMS SALAMEH 2000**

PRODUCT CODE: **FMS-02002-000** http://bit.ly/Salameh2K



#### **ASSET MANAGEMENT**



#### **AG 2010**

PRODUCT CODE: **FMS-01112-004** http://bit.ly/BusE-Payment



#### CONTAINER SECURITY & TRACKING SYSTEM



#### **FMS E-LOCK MASTER & SLAVE**

E-LOCK MASTER PRODUCT CODE: FMS-08610-001 E-LOCK SLAVEPRODUCT CODE: FMS-08300-000 https://bit.ly/e-Lock Master-Slave

FMS DMS ROBOT
PRODUCT CODE: FMS-40000-000
US 2018 / 0218640 A1 (Patent Pending)



## FUSION 100'

#### **FUSION 100**

DRIVER FATIGUE & DISTRACTION MONITORING

PRODUCT CODE: **FMS-07610-000** https://bit.ly/Fusion100





#### **FUSION 200**

PRODUCT CODE: FMS-37610-000 https://hit.lv/Fusion200





## FUSION 300

PRODUCT CODE: FMS-37610-001 https://bit.ly/FUSION 300



#### TIRE PRESSURE MONITORING

**DRIVER MERIT SYSTEM** 



#### **FMS TPMS**

http://bit.lv/DMSRobot

SENSORS PRODUCT CODE: FMS-40999500-000 GATEWAY PRODUCT CODE: FMS-40999500-001 TRANCEIVER PRODUCT CODE: FMS-40999500-002 https://bit.ly/FMSTPMS



## FUSION 400

#### **FUSION 400**

PRODUCT CODE: **FMS-37610-002** https://bit.ly/Fusion\_400





#### **FUSION 500**

PRODUCT CODE: FMS-37610-003 https://bit.ly/FMSFusion-500



#### **PUBLIC BUS TRANSPORT**





#### **PUBLIC BUS TRANSPORT**

PRODUCT CODE: **FMS-01112-004** https://bit.ly/PublicBusTransport









#### **ENVIRONMENT**

FMS Tech. is committed to conducting its business activities in responsible manner towards preserving the environment for all humanity and for our next generation.

FMS Tech. informs suppliers, partners, and contractors our Environment Expectation, and encourages them to adopt sound environmental management practices.

## **Objectives:**

- Compliance with legal requirements and regulations.
- The prevention of pollution.
- The conservation of natural resources through the 3Rs (Reduce, Recycle, Reuse).
- Continual improvement.
- Company facility is ISO 14001 certified.



#### **SAFETY**

FMS Tech. ensures the education, interest and awareness training of new employees in safe working methods before the assumption of duty.

### **Objectives:**

- Ensure that the organization is a safe place, and the environment, facilities, equipment and substances are subject to safe systems of work to prevent risks to health or safety.
- Promote personal responsibility and effort on the part of everyone to avoid and prevent health hazards and injuries to themselves and to others who may be affected by their acts or omissions and to co-operate with the organization to comply with its duties, requirements and statutory obligations.
- Ensure the use of defensive driving techniques by car drivers and machinery operators.
- Ensure that safety is a line management responsibility.
- Monitor effectiveness of safety policy.
- Display and publicize this statement and review it at least bi-annually.



#### **QUALITY**

Perfect teamwork to provide high quality products to our valuable customers as per their requirements on time, every time.

## **Objectives:**

- Usage of high quality raw material.
- On Time Delivery.
- Immediate action upon customer complaints.
- Quality checking at every stage.
- To cover all safety health and environmental issues.
- Adoption of update know how for the enhancement of performance.



# PROUD TO WORK WITH







































































































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