www.meitrack.com
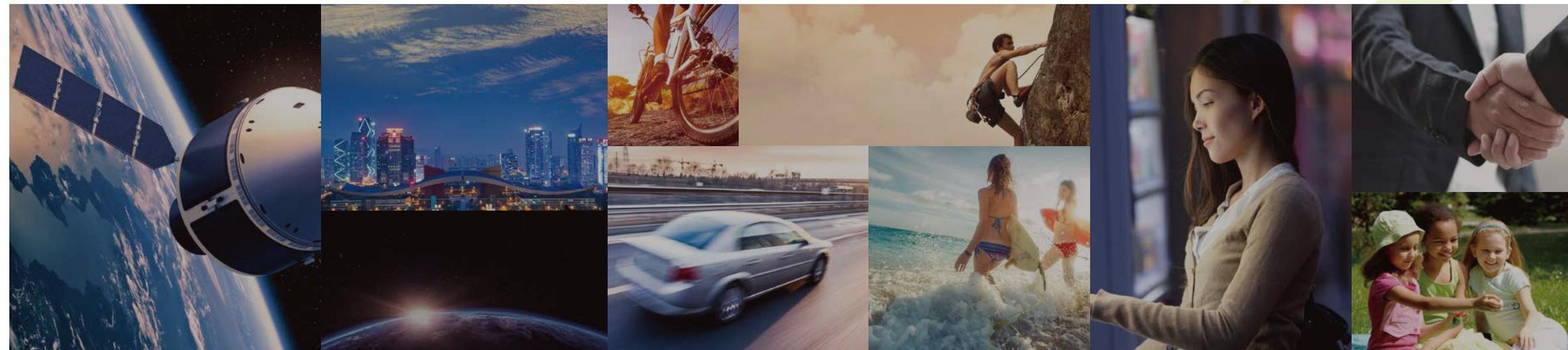
Meitrack®

MEITRACK GROUP

Dedicated to International
Telematics and Integrated Solution

Since 2002

Content

Company Overview

Since 2002.
20,000m² state of the art manufacturing facility based in Shenzhen, China.
Placed in-house R&D centers in Taiwan, Shenzhen and the United States.
Providing OEM&ODM service.
Providing software development service.
Global network covering Europe, USA, CIS, Middle East, and Asia Pacific Region.

Milestones

2022 ●	Launched its first AI MDVR, and the capability of telematics integration was greatly improved.
2020 ●	Meitrack Japan branch was established.
2018 ●	Releasing in-house developed MDVR solutions.
2017 ●	Developed its first vehicle tracker running on 4G network.
2017 ●	Launched tracking devices compatible with LTE Cat-M network.
2013 ●	Meitrack Taiwan branch and its R&D center were established.
2010 ●	Began to develop IoT technology, Meitrack as its own brand was brought to market.
2009 ●	Meitrack USA branch was established.
2007 ●	Meitrack HK branch and Dongguan Factory were established.
2005 ●	Developed its first in-house personal GPS tracker GT30i.
2002 ●	Founded in Shenzhen, China with the registered capital of CNY20 million.

Global Network

5 branch offices   **80%** products exported to more than   **170** countries and regions worldwide

Meitrack Japan
Meitrack Group
Meitrack Hongkong
Meitrack Taiwan
Meitrack USA

Strategic Cooperation

SORACOM
Qualcomm
GURTAM
iridium
GpsGate
SINOPEC
Digicel
GARMIN
中国移动 China Mobile
NEXTY Electronics
STC
AT&T
BT
FAW
MOBILEYE
vodafone
france telecom
ERICSSON
CNPC
orange

MANUFACTURING

Standardized Production Management

GPS signal generators MP9000 & MP9100 Agilent GSM/GPRS integrated tester 8960 Reflow soldering, SMT machine, solder paste printer, AOI tester...

Strict Quality Control

IATF16949:2016 Quality Management System
ISO9001:2015 Quality Management System
Certs: CE, FCC, RoHS, PAHs, etc.

State of the Art Equipment

All painted anti-static production floor
Air shower room ensuring dust-free workshop
Aging treatment on all products...

Quality Management

■ IQC

- Inspect all accessories and main materials to ensure zero defects.
- Adopt United States defense standard MIL-STD-105E(II).

■ SMT QC

- Reflow soldering with 8 high temperature zones.
- Multi-functional SMT machine (JUKI); support minimum size: 0201.
- AOI inspection after reflow soldering.

■ DIP QC

- Inspect pseudo soldering and non-soldering.
- First article inspection.

■ Aging Inspection

- All products are passed 36 hours' 60°C aging inspection.
- High temperature aging treatment room.

■ GPS Tracker QC

- QC of semi-finished products.
- Test the working mode of semi-finished products, such as the call and vibration functions.
- Simulate the base station to send GSM signals to ensure positioning accuracy and data consistency.

■ Packing QC

- IPQC inspectors monitor the whole production process.
- OQC inspectors randomly inspect products.
- Rework unqualified products.

■ Finished Goods Inspection

- Test product performance.
- Inspect product appearances.
- Make records.

■ OQC

- Label raw materials.
- Use the high-end electrical testing record system (MyCom) to inspect products.
- Adopt comprehensive ERP system to ensure high-efficiency management.

Product Portfolio

Personal Tracker
Vehicle Tracker
Asset Tracker

Mobile DVR
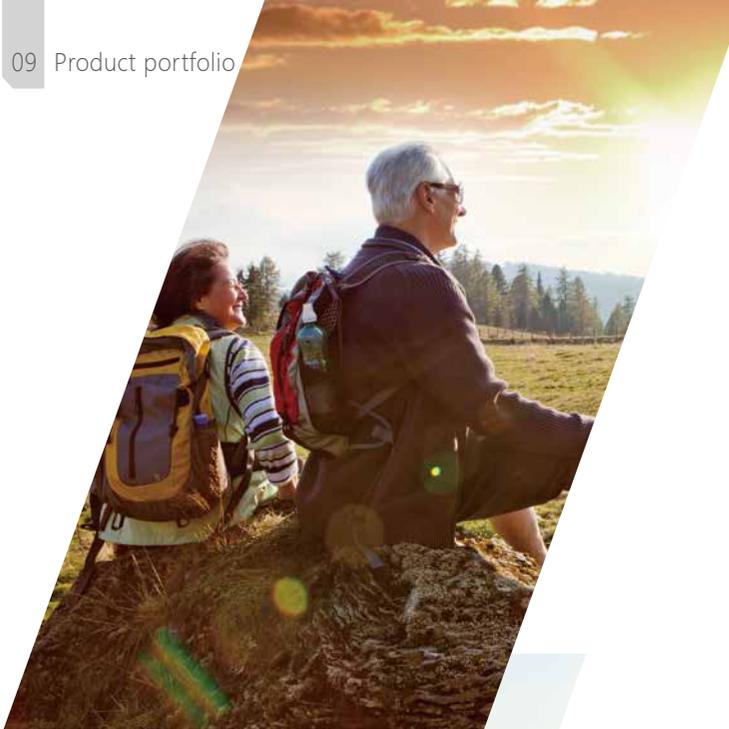GPS Tracking Platform

Personal Tracker

P99L
4G (LTE Cat 1)

The P99L is a portable GNSS tracker with 400 hours of standby time. It has a rugged, sturdy design making it water resistant, and ideal for outdoor use. It is enabled for WiFi locations, and can be charged using a wireless or magnetic charger.

- LBS/GNSS/WiFi Tracking
- IP67 Water Resistant
- 400 Hours Standby Time
- Wireless Charging (Optional)
- Man Down Alert
- SOS Alert
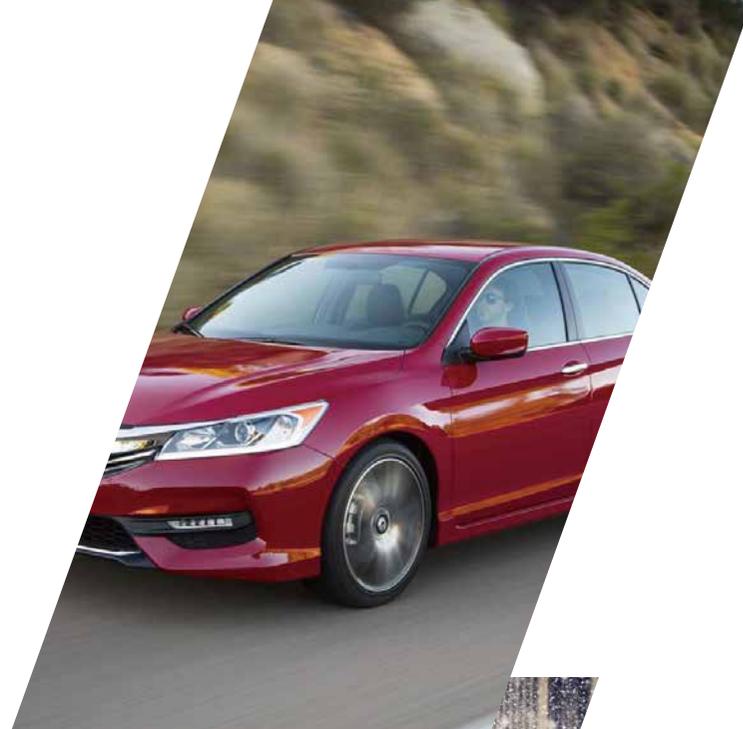- Two-Way Audio/Listen-in
- Polygon Geo-fence

Mini Personal Tracker

P88L
4G (LTE Cat 1)

The P88L is a 4G personal tracker that balances the product size and standby time. It provides some new features, such as Bluetooth anti-lost alert, voice broadcasting, pedometer, and alarm clock etc. It can be used to track the elderly, children, pets, lone workers, and assets in real time.

- LBS/GPS/WiFi/BT Tracking
- IP67 Water Resistant
- Two-way Conversation
- SOS Button
- Man Down Alert
- Pedometer
- Alarm Clock
- Magnetic Charging
- Frequent Location Suggestion

Plug-and-play Vehicle Tracker

TC68L/TS299L
4G (LTE Cat 1/4)

The TC68L/TS299L is a plug-and-play vehicle GPS tracker which supports live tracking, anti-theft and WiFi hotspot functions. It is free of wiring, and supports the OTA updates, which can greatly reduces labor costs. It is a perfect choice for private cars and other motor vehicles equipped with an OBD II plug or a cigarette lighter receptacle.

- OBD Data (TC68L)
- Plug & Play
- 2.4G WiFi hotspot
- Disconnect Alert
- Geo-fence
- SOS Alert
- Speeding Alert
- Device Status Alert

Professional Vehicle Tracker

T633 Series
3G/4G (LTE Cat 1/4)

The T633 Series have three versions running on WCDMA, LTE Cat 1 and LTE Cat 4 networks respectively. This unit can connect to various external accessories (such as fuel/temperature sensor, LED display) at the same time, and its performance has been significantly improved. It is a perfect choice for comprehensive solutions which apply to the most demanding use cases.

- Maximize I/O Flexibility
- CAN Bus Interface
- Driving Behavior Analysis
- Anti-theft
- Two-way Conversation
- Take Picture
- Fleet Scheduling
- Driver Authorization

Iridium Vehicle Tracker

T622G_F9
3G+Iridium

The T622G_F9 is a high-end vehicle GPS tracker with market-proven quality and precise positioning. In addition to real-time tracking, it supports Iridium communication mode and can be compatible with various peripherals. Even in some areas with poor GSM signals, it can work properly.

- Iridium Network
- Iridium SBD
- Garmin Fleet Tracking
- Driving Behavior Analysis
- Fleet Scheduling
- Fuel Monitoring
- Driver Authorization
- CAN Bus Interface

Vehicle Tracker

T711L
4G (LTE Cat 1)

The T711L features the IP67 water and dust resistance rating with ABS outer case and airtight design. It is equipped with a high temperature resistant battery to make sure that this device can work properly in harsh environments. It is specially designed for different types of vehicles, such as cars, motorcycles, yachts, and boats.

- Cost-effective
- Built-in Bluetooth (optional)
- IP67 Water Resistant
- High Temperature Resistant
- Driver behavior analysis
- Anti-Theft
- Driver Authorization
- Activate Output by Event

Vehicle Tracker

T399 Series
4G (LTE Cat 1/4/M1/NB2)

The T399 Series have three versions running on LTE Cat 1, LTE Cat 4 and LTE Cat M1/NB2 networks respectively. It is our first Bluetooth vehicle tracker which can be connected to Bluetooth temperature and humidity sensors and Bluetooth beacons. It features the IP67 water resistance rating and is high temperature resistant, so that it can work properly in harsh environments.

- BLE Bluetooth communication
- I/O Flexible configurable I/O
- IP67 water resistant
- Driver behavior analysis
- Anti-jammer
- Two-way audio
- Polygon geo-fence
- Activate output by event

Asset Tracker

K211G
3G+LoRa

The K211G is a GPS smart lock that supports Long Range (LoRa) and GPRS communication. It is specially designed for door lock management in various land and sea transportation such as box trucks, trailers and containers.

- Built-in LoRa (optional)
- IP67 water resistant
- Locking or unlocking by RFID
- 78 days of battery life
- Outer case removal/open alert
- Lock tamper alert
- T399G disconnected alert
- OTA firmware update

Mini AI MDVR

MD500S
4G (LTE Cat 6)

The MD500S is a 4-channel MDVR featuring high stability and supporting ADAS, DMS, video recording, and GNSS tracking. Adopting the high-performance processor and Android operating system, it is a core product of intelligent vehicle video surveillance solutions that uses H.264 video compression or decompression, GNSS positioning, and wireless data transmission technologies.

- ALL-IN-ONE AI MDVR
- High Stability
- Video Recording
- Multifunctional Platform
- Configuration via WiFi
- Support GNSS/ 3G/ 4G/ Bluetooth/ WiFi

2CH MDVR

MD533S
4G (LTE Cat 4)

The MD533S is small-in-size and light in weight. With the metal outer case, it dissipates heat more effectively and its rugged sturdy housing make it shockproof. Adopting the high-performance processor and Linux operating system, it can operate in vehicle tracking mode and video recording mode simultaneously.

- Dual Systems: MDVR+TRACKER
- High Stability
- ALL-IN-ONE Platform
- Video Recording
- Video Management via WiFi
- Support GNSS/ 3G/ 4G/ WiFi

4CH & 8CH MDVR Series

MD511H/MD522S/MD811H/MD822S
4G (LTE Cat 4)

The device is a HD mobile digital video recorder (MDVR) featuring double systems (double communication channels) and high stability. It is specially designed for mobile video surveillance for different types of vehicles, such as buses, long-distance coaches, taxis, logistics vehicles, armored cars, private cars, etc.

- Alert Video for Specific Events
- 1080P/720P/D1 Camera
- H.264/H.265 Compression
- Audio I/O
- DC 8V-36V Wide-Voltage Input
- RS232, RS485, CAN Bus Interfaces
- Up To 2.5 TB Storage Capacity
- Shock And Vibration Resistant

GPS Tracking Platform

MS03

MS03 is the newest GPS tracking innovation from Meitrack Group. Extensive programming combined with an esthetically designed user interface (UI), giving the MS03 platform a much more user friendly experience. The platform consists of an extendable database, which ultimately can meet various functional requirements and needs.

https://www.trackingmate.com

Contact us to get a free demo!

- 300+ Functions Customizable
- Native APP with MDVR Online
- Multiple Polygon Geo-fences
- Off-route Alert
- Reverse Geocoding
- All-in-one Platform
- Multi-screen Monitoring
- Multi-lingual
- White Label
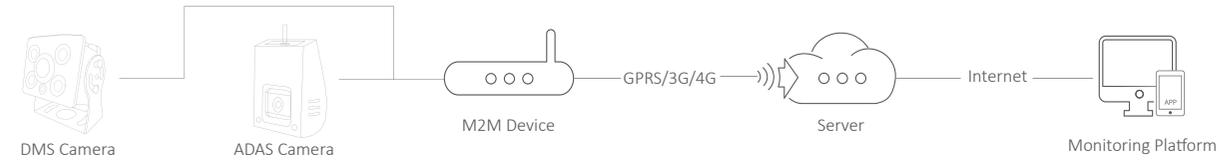- Economical

Fleet Management Solution

Vehicle Video Surveillance System

Adopting the high-performance processor and Linux operating system, Meitrack independently develops a new-generation wireless vehicle video surveillance system that uses H.265 video compression/ decompression, GPS positioning and wireless data transmission technologies. It is specially designed for mobile video surveillance for different types of vehicles, such as buses, long-distance coaches, taxis, logistics vehicles, armored cars, private cars, etc.

Cameras   M2M Device   3G/4G/WiFi   Internet   Server
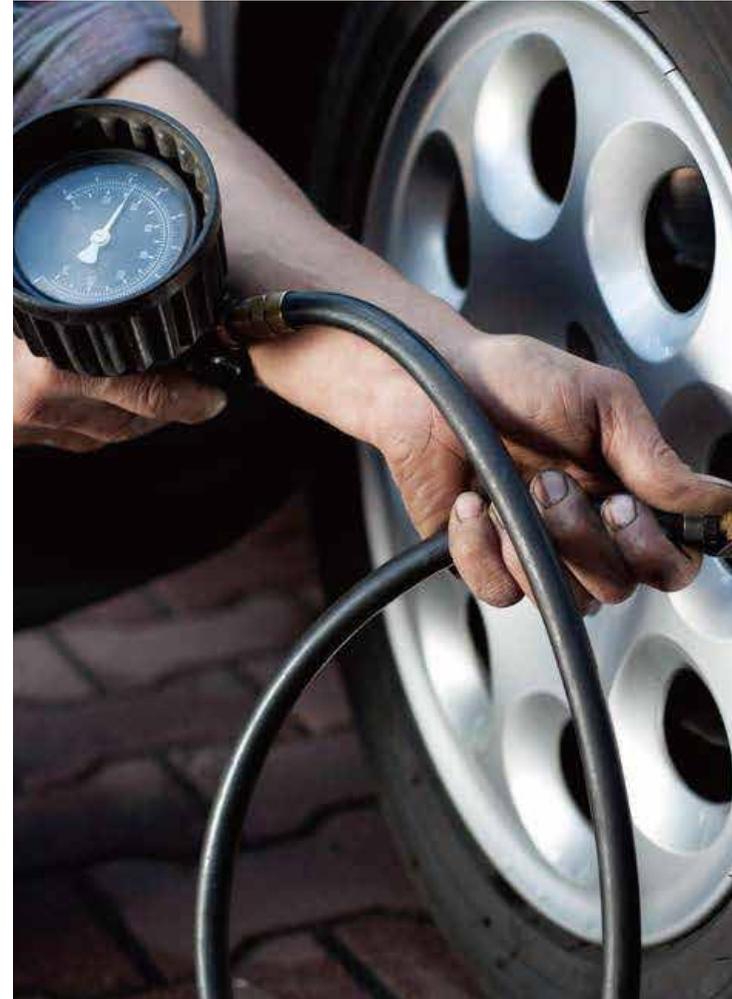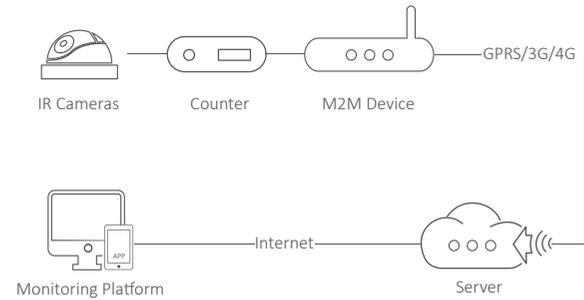
Monitoring Platform

ADAS and DMS Systems

The ADAS and DMS Systems are developed to enhance vehicle safety and improve better driving. ADAS, are systems that help avoid collisions and other accidents by offering technologies that alert the driver to potential risks. DMS system can identify diver's abnormal behaviours such as fatigue driving, distracted driving, smoking etc,. It can also verify the driver's identity via the face recognition algorithm. These greatly reduce driving accidents and save lives.

DMS Camera   ADAS Camera   M2M Device   GPRS/3G/4G   Internet   Server

Monitoring Platform

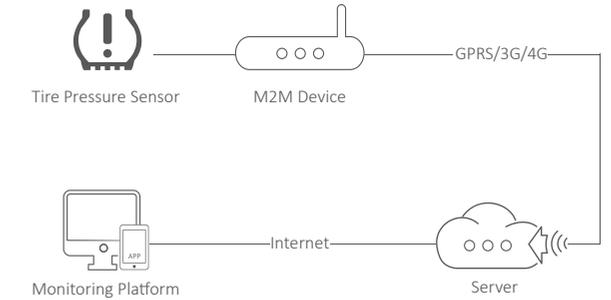DROWSINESS
DISTRACTION
YAWNING
SMOKING

Upgraded Passenger Counting System

Meitrack independently develops a passenger counting system to count the number of passengers that get on and get off buses. Under standard environments, the system can reach a high rate of accuracy. More importantly, managers can get counting reports from Meitrack MS03 tracking platform. This is an effective way to determine passenger load for the purpose of adjusting driving routes and operating time to prevent overloading of the vehicles, and thus reduce operating costs.

IR Cameras   Counter   M2M Device   GPRS/3G/4G

Monitoring Platform   Internet   Server
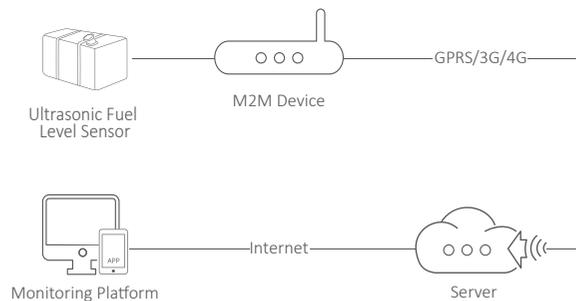
Tire Pressure Monitoring System

Vehicle's tires play an important role in every vehicle out on the road. Having a tire pressure monitoring system installed may ensure that you are always driving with a safe set of tires on the road. It is a great option for long distance travel that can be installed into all major vehicles models including trucks, private cars, buses, freight trailers, etc.

Tire Pressure Sensor   M2M Device   GPRS/3G/4G

Monitoring Platform   Internet   Server

Fuel Monitoring System

Meitarck vehicle trackers are compatible with major fuel level sensors in the industry, including the resistive fuel level sensor, CLS sensor, LLS sensor, and ultrasonic fuel level sensor. After a tracker is connected to the fuel monitoring system, besides basic location information, customers can also get fuel consumption, fuel level, fuel leak, fuel theft information, etc. More importantly, managers can get fuel reports from Meitrack MS03 tracking platform, which helps fleet companies understand where improvements and adjustments are needed.

Ultrasonic Fuel
Level Sensor

M2M Device

GPRS/3G/4G

Monitoring Platform

Internet

Server

Case Study

Water Sport

P99L ∣ Australia

The P99L features water resistance ratings, long battery life, and is one of the ideal choices for water sports. It can pinpoint real-time locations of outdoor enthusiasts and provide reassurance for participants.

In addition, the tracking unit can keep a comprehensive log of their sporting performances that can be later viewed from Meitrack MS03 tracking system on a computer or smartphone.

Law Enforcement Agency

P88L ∣ China

With the implementation of the Meitrack's GPS Tracking System, police officers are provided with an opportunity to be monitored for quality and safety measures that will position them to complete their duties adequately. With access to SOS, speakers, and high-power microphone, law enforcement will be equipped with high-quality technology to make their jobs not only more seamless but safer as well without interference.

This new instrument also allows the vital function of data transmission with a high confidentiality level. Within this realm of technology, the device is unable to perform if lost or stolen. With no way of being hacked, it protects the positioning and identity of our police officers and presents the opportunity for continued success.

Taxi Management

T333 | Thailand

The Thailand government applied Meitrack's GPS tracking solution in order to enhance the safety of drivers and passengers while improving the taxi service. Taxies are equipped with the T333 tracker, magnetic card reader, taximeter, and camera. These taxies can only be driven by authorized drivers. In case of emergency, the government monitoring center can pinpoint the location quickly and efficiently, and take immediate action.

City Buses

MD522S | Mexico

The Mexican government introduced Meitrack's MDVR bus management solution to guarantee the safety of Mexican residents, ensure a safe bus travel, and prevent illegal activities inside buses. In this project, Meitrack MD522S, camera, LCD display, SOS button, A91 passenger flow sensor and MS03 tracking platform work together to provide a one-stop internal bus monitoring solution.

Palm Garden
Lora-based tracking solution | Malaysia

This project is applicable to large orchards, palm plantations, and farms where are usually far away from the city center. Due to a lack of GSM network coverage, after transportation vehicles enter these areas, they cannot be monitored, tracked, and managed in real time. Therefore, we develop a vehicle tracking management device based on LoRa and 3G dual communication to help farm managers resolve data communication problems in areas without GSM network coverage.

Fruit Delivery
K211G | Thailand

Farmers in Thailand are using 500 sets Meitrack's GPS fleet tracking system to help track fresh organic fruits from farm-to-table to guarantee the authenticity and security of transportation. During fresh produce transportation, Meitrack K211G GPS smart locks, T399G vehicle trackers, temperature sensors, and the web-based or app-based MS03 platform work together to provide one-stop delivery services for the farms.

Armored Vehicles
MD511H | Malaysia

Inside an armored bank vehicle, a MD511H mobile DVR is connected to four cameras. The video surveillance solution only allows authorized staff to start the vehicle. If the vehicle door is opened without permission or the vehicle is hijacked, the monitoring center can quickly and efficiently keep track of what's happening inside the vehicle, remotely cut off the engine to prevent the vehicle from moving, and take immediate action to minimize the loss.

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