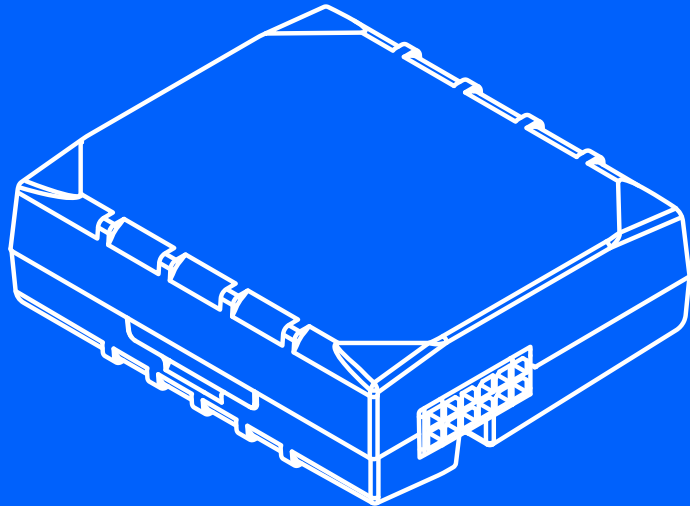
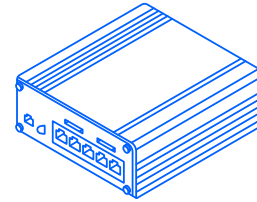


# EASY KEY TO IOT



## TELEMATICS SOLUTIONS

World leading tracking hardware for aftermarket and OEM applications



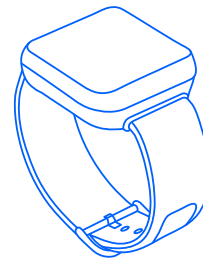
## NETWORKING EQUIPMENT

Professional networking equipment with cellular 4G LTE and Wi-Fi connectivity



## EV CHARGING DEVICES

Innovative electric vehicle charging solutions for more efficient and sustainable driving



## TELEMEDICINE PRODUCTS

Telecare, health safety and protection solutions for lone workers and elderly people



40+

Million  
manufactured  
products

27

Countries

27+

Years of experie









# 22M+ DEVICES DEPLOYED





# IDEA TO MARKET



**Client**  
needs & challenges



**R&D**  
proactive technology research



**Global**  
market trends and visions





# RESEARCH & DEVELOPMENT



**Hardware  
Design**



**Laboratory  
& Testing**



**Embedded  
Programming**



**Software  
Programming**

# 26+

Years developing IoT





# PRODUCTION

**100+**


robots and other equipment for high-quality assembly

**8,000+**

square metres in total

**2**

production facilities



**1M+**

IoT devices per month capacity





# QUALITY



**Made in  
Europe**



**2 Year  
Warranty**

## **ISO 9001**

Quality System

## **ISO 14001**

Environmental System

## **ISO 45001**

Safety System

## **ISO 27001**

Information Security  
Management System

# 5+

**years lifetime**





# SUPPORT



**Excellent**  
As rated by clients

---

## Resources for our clients

Wiki Knowledge Base

Video tutorials

Helpdesk

# 20

Local support offices





# HELPDESK



## Specialised Engineers



## Multilingual Support



## Efficient Workflow



## Cross-platform Solution



## Secure System

# 5k+

## Clients supported

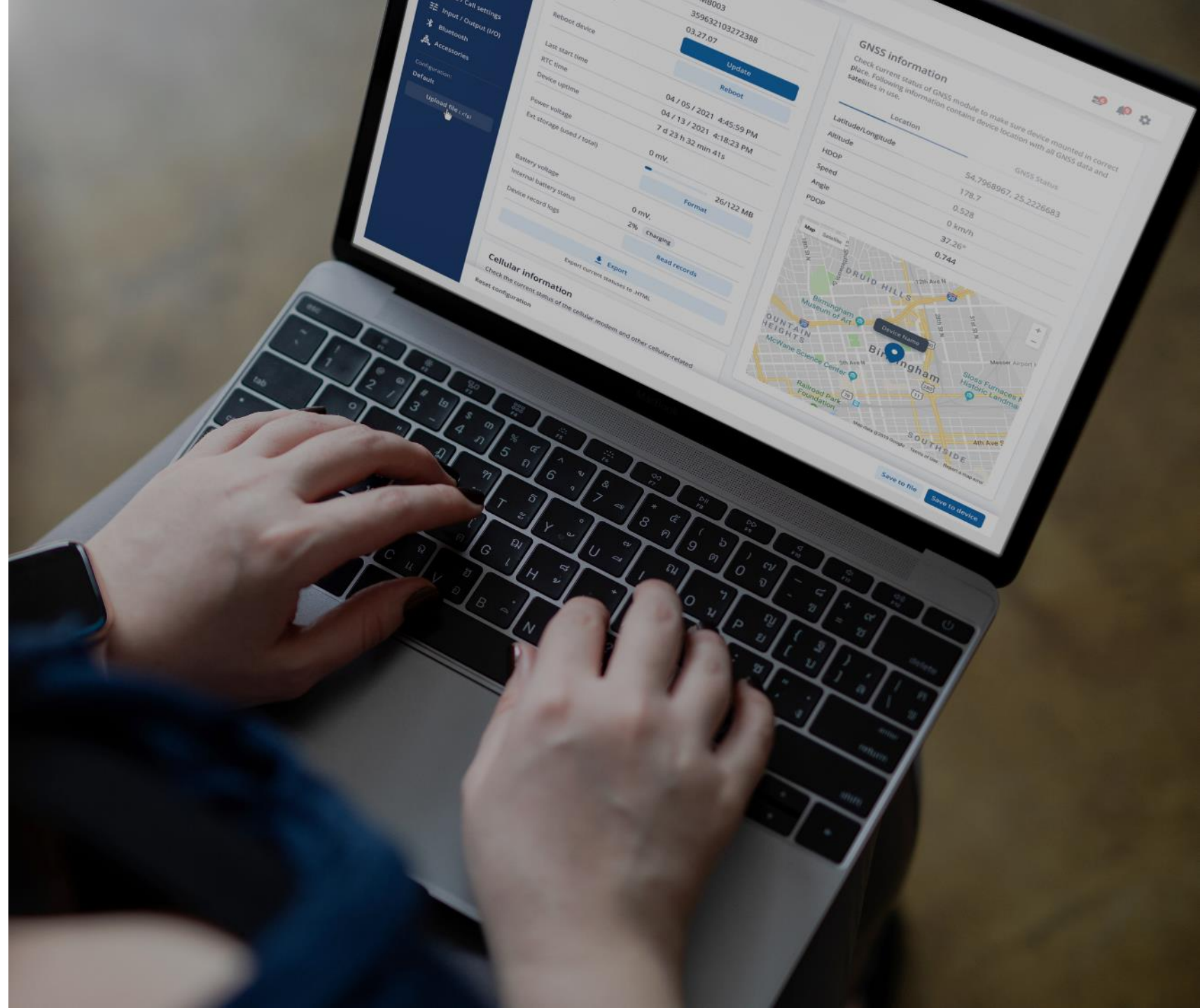
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# FIRMWARE

- Common for all our tracking devices
- Constantly improved with new features
- Regularly updated in manufacturing process

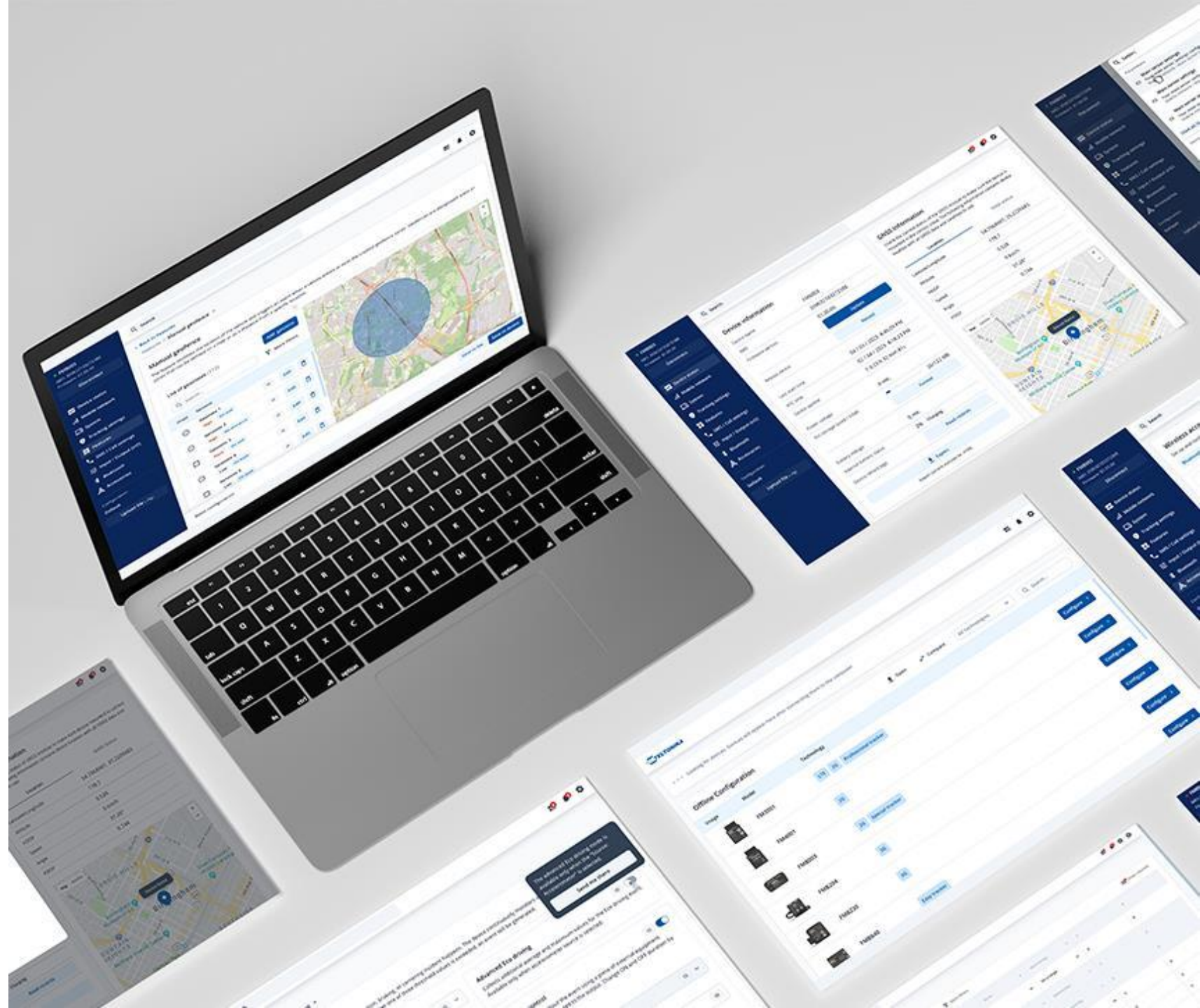






# TCT – TELEMATICS CONFIGURATION TOOL

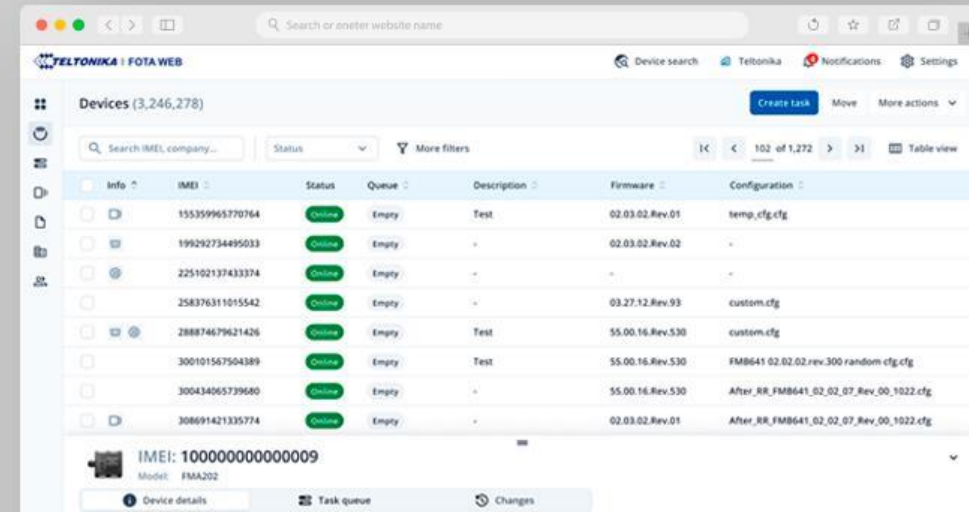
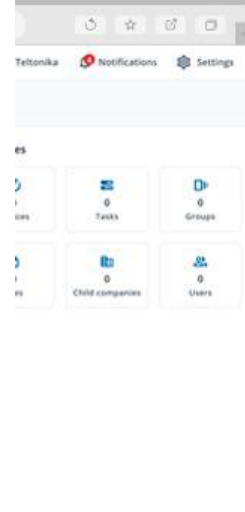
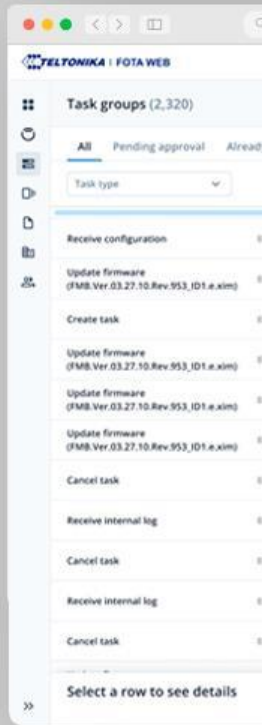
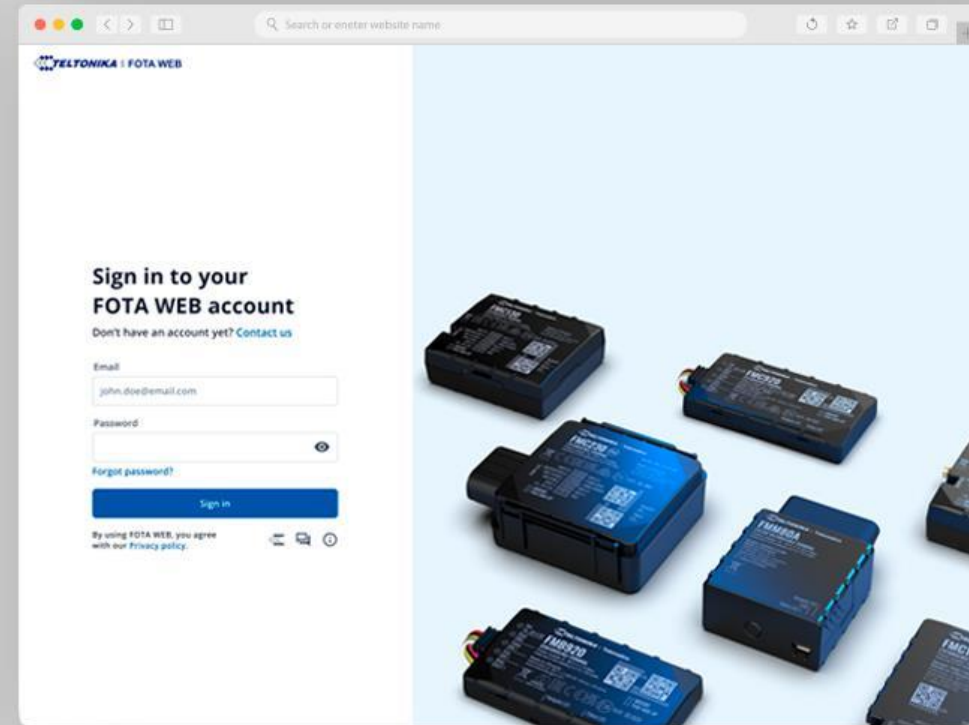
- Auto update
- Search & filters
- User-friendly interface
- Parameter dependencies
- Device setup wizard





# FOTA WEB

- Remote device configuration and update
- Device and company management
- Smart groups for task automation
- API for seamless data integration







# FLEET TELEMATICS PLATFORM





## CURRENT PLATFORM



Main chip  
Mass production started in  
**2015**

## NEW PLATFORM



Main chip  
Mass production started in  
**2022**





**HIGH  
VOLTAGE  
POWER  
10-90 V**

**1.4x  
INCREASED  
GNSS  
ACCURACY**

 **2x  
MORE  
SATELLITES\***



**NANO  
SIM**



**IP69K  
PROTECTION**



**BLUETOOTH 5.2  
(UPCOMING)**



**DEAD-RECKONING  
(UPCOMING)**



**4x  
LOWER ULTRA SLEEP  
POWER CONSUMPTION**



**USB TYPE C  
PORT**



# FTC921 | 4G

Next-generation high voltage vehicle GPS tracker with enhanced GNSS accuracy



More precise tracking (L1)



4G LTE Cat 1



5 – PIN



High voltage



Low power consumption



# FTC96x | 4G

Next-generation vehicle GPS tracker with enhanced GNSS accuracy and IP69K resistance



More precise tracking (L1)



4G LTE Cat 1



5 – PIN



High voltage (FTC961 only)



Robust IP69K-rated casing



320 mAh battery



Low power consumption



FTC880	4G
FTM880	M1
FTC881	4G

Next-generation battery-mounted vehicle GPS trackers  
with enhanced GNSS accuracy and IP69K resistance



More precise tracking (L1)



4G LTE Cat 1 or 4G LTE Cat M1



U-type



High voltage (FTC881 only)



Robust IP69K-rated casing



320 mAh battery



Low power consumption

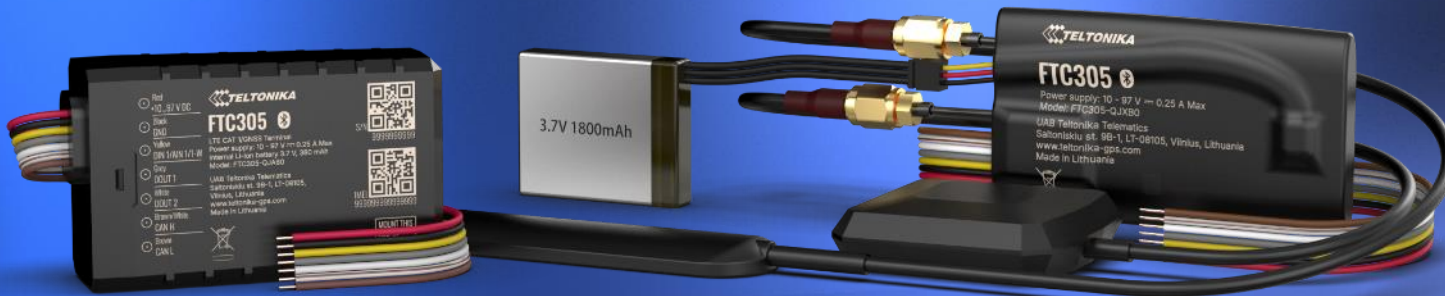




# FTC305 FTM305

## 4G M1

Compact 4G e-mobility trackers with CAN data reading and flexible installation options



More precise tracking (L1)



4G LTE Cat 1 or 4G LTE Cat M1



Manual CAN functionality



10-97 V power supply voltage range



Robust IP67-rated casing



FTC305 no-casing version



# FLEET MANAGEMENT

Fast & Easy

Basic

Advanced

OBD data

CAN data

E-mobility

Professional

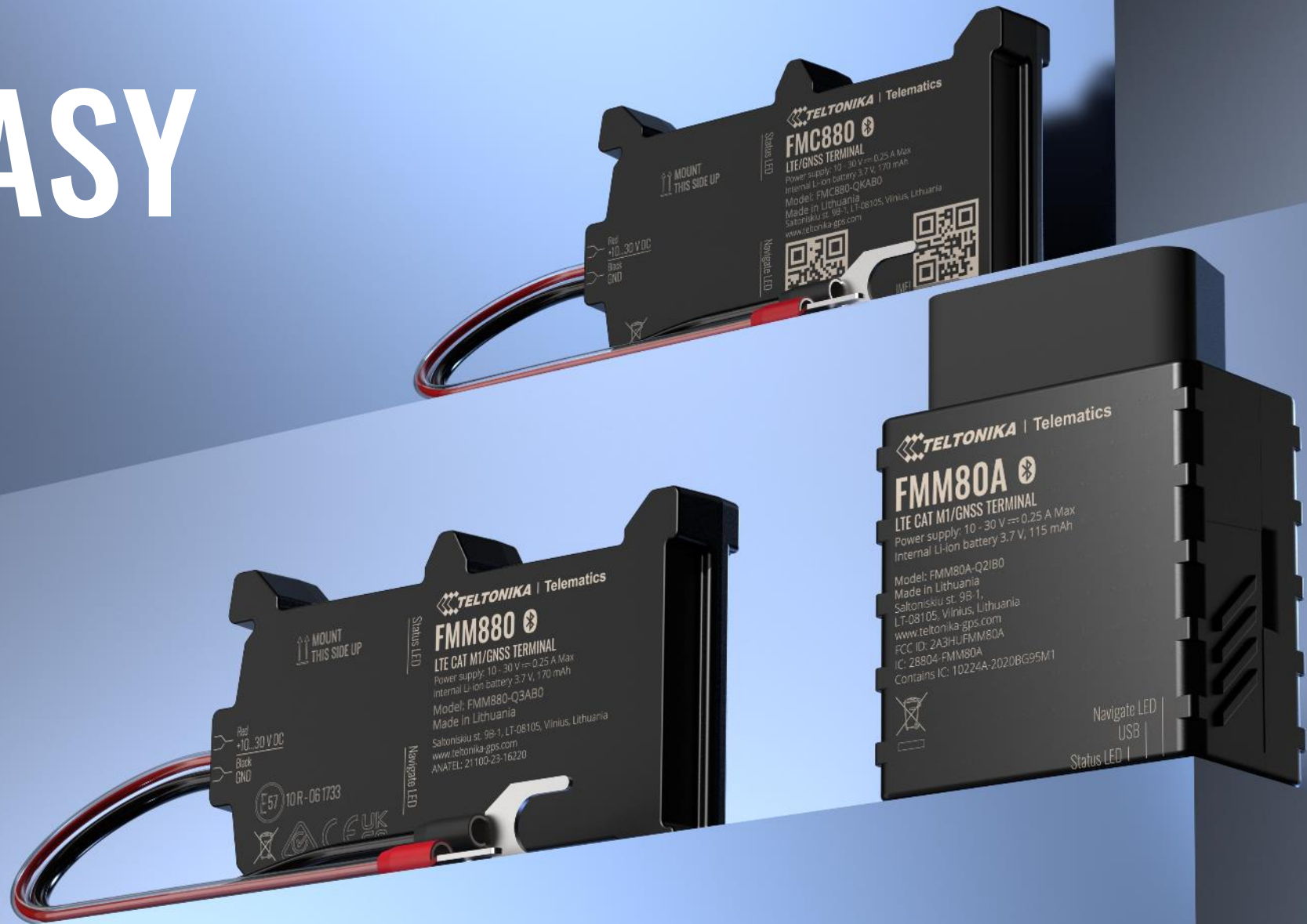
Assets &  
Workforce

Video Telematics

EYE sensors



# FAST & EASY







# FMC880 | 4G

# FMM880 | M1

Water-resistant high GNSS precision battery-mounted trackers



Improved GNSS tracking accuracy



Easy & fast installation under 5 minutes



Robust IP65-rated casing



# FMT100 | 2G

Battery-mounted tracker



Easy & fast installation under 5 minutes



Robust IP65-rated casing



Accurate crash trace data



# FMC800 | 4G

# FMM800 | M1

Plug & Play trackers



Effortless Plug & Play installation



Accurate crash trace data



Bluetooth® LE sensor & beacon support





# FMM80A | M1

Plug & Play tracker designed for North America



Effortless Plug & Play installation



Accurate crash trace data



Bluetooth® LE sensor & beacon support



# FMB020 | 2G

Ultra-small tracker



29.1 MM width ultra-small casing



Effortless Plug & Play installation



Bluetooth® LE sensor & beacon support



# FMB010 | 4G

Plug & Play tracker for a wide range of use cases



Effortless Plug & Play installation



Unplug detection



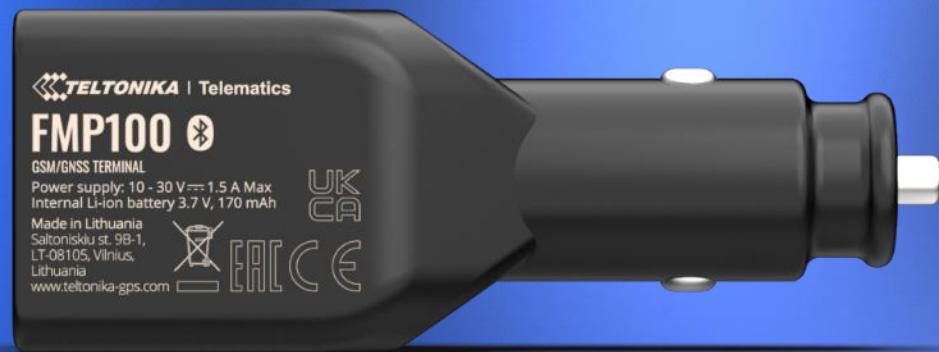
Bluetooth® LE sensor & beacon support





# FMP100 | 2G

Plug & Play tracker connected via cigarette lighter socket



Built-in configurable button



Built-in RGB LED & buzzer



Charger for external devices



# BASIC





# FMB930 | 2G

Small tracker for electric two-wheelers and similar vehicles



Ultra-low 1 mA power consumption



10-90 V power supply for integration variety



Extended operation without external power source





# FMx920 SERIES | 4G M1 2G

The most popular compact models for basic tracking



Bluetooth® LE sensor & beacon support



Accurate crash trace data



Slim design for the tightest spaces



# FMB910 | 2G

Low-cost model for basic tracking



Bluetooth® LE sensor & beacon support



Unplug detection



Accurate crash trace data



# FMB900 | 2G

Low-cost model for basic tracking



Bluetooth® LE sensors & beacons support



Eco driving scenario for all-round better driving



Accurate crash trace data





# FMB965 | 2G

Low-energy consumption and water-resistant tracker for motorcycles



Unique power-off sleep mode



Working up to 30 days on a single charge



Robust IP67-rated casing



# ADVANCED





# FMC234 | 4G

Water-resistant tracker with high-capacity battery



Perfect for stolen vehicle recovery



Prolonged autonomous usage



Innovative click-type two-phase closing with no additional tools needed





# FMx230 SERIES | 4G M1 2G

Water-resistant trackers with flexible inputs



Robust IP67-rated casing



Precise fuel usage control with impulse counter



CAN adapter support



# FMx130 SERIES | 4G M1 2G

Advanced trackers with flexible inputs and CAN  
adapter support



Driver identification and  
temperature monitoring



Precise fuel usage control with  
impulse counter



CAN adapter support



# FMC13A FMM13A

4G  
M1

Advanced trackers with flexible inputs designed for North America



Driver identification and temperature monitoring



Precise fuel usage control with impulse counter



CAN adapter support





# FMB120 | 2G

Tracker for remote fleet monitoring



Driver identification and temperature monitoring



Excessive idling detection

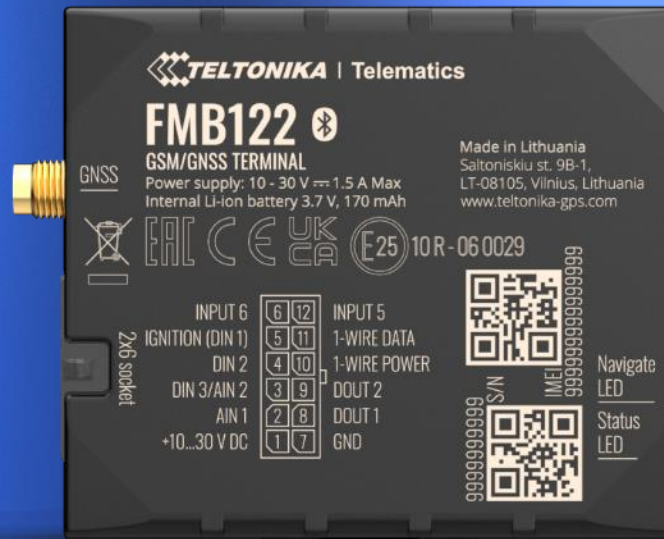


CAN adapter support



# FMB122 | 2G

Tracker with external GNSS antenna



External GNSS antenna for flexible mounting options



Dual SIM for significantly reduced roaming costs



Driver identification and temperature monitoring



# FMB204 FMB202

1.8 Ah 2G

0.4 Ah 2G

Tracking devices with a robust IP67 casing and 6-30 V voltage range



Power supply from 6 V



Working up to 7 days without external power



Robust IP67-rated casing





# FMB110 | 2G

Tracker for remote fleet monitoring



Driver identification and temperature monitoring



Towing detection



CAN adapter support



# FMB209 | 2G

Water-resistant 2G tracker with RS232 interface and large-capacity internal Li-ion battery



Available in two versions for Europe and India



Robust IP67-rated casing



RS232 interface for communication with external devices



# OBD DATA





# FMC003 FMM003

## 4G M1

Plug & Play trackers with OBD OEM data reading



Reading OBD OEM parameters – real odometer and fuel level data



Supported vehicle list



Effortless Plug & Play installation





# FMB003 | 2G

Ultra-small OBD tracker



Reading OBD OEM parameters –  
real odometer and fuel level data



Supported vehicle list



29.1 MM width ultra-small  
casing



# FMB001

## 2G

Plug & Play tracker



Reading OBD OEM parameters –  
real odometer and fuel level data



Supported vehicle list



Effortless Plug & Play  
installation



# FMM00A | 4G

Advanced Plug & Play OBD-II tracker designed for North America



Reading OBD OEM parameters – real odometer and fuel level data



Standard OBD protocols support – 30+ parameters available



Supported vehicle list



Specific US brand models support – EV and regular



Truck support with 9-pin adapter available for ELD



# CAN DATA







# FMx250 SERIES | 4G M1

Water-resistant trackers with  
integrated CAN data processor



Robust IP67-rated casing



Integrated internal CAN chip



1,800+ supported vehicles and  
100+ supported EVs



# FMx150 SERIES | 4G M1 2G

Advanced GPS trackers with  
integrated CAN data processor



Full 2G, 4G LTE Cat 1, LTE Cat M1 portfolio



Integrated internal CAN chip



1,800+ supported vehicles and  
100+ supported EVs



# FMB240 | 2G

Tracker with water-resistant IP67 casing



Robust IP67-rated casing



Built-in CAN bus data reading chip

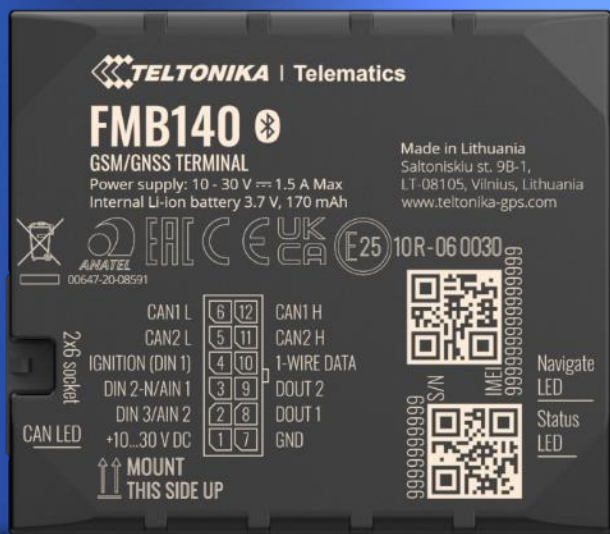


Vehicle list for reading CAN bus data from light, heavy, and special transport



# FMB140 | 2G

Tracker with integrated CAN reader



Built-in CAN bus data reading chip



Vehicle list for reading CAN bus data from light, heavy, and special transport



Efficient connection with wiring guides





# ECAN02

New-generation warranty-friendly CAN adapter for contactless access to CAN bus data



Contactless CAN data reading



LED indicators

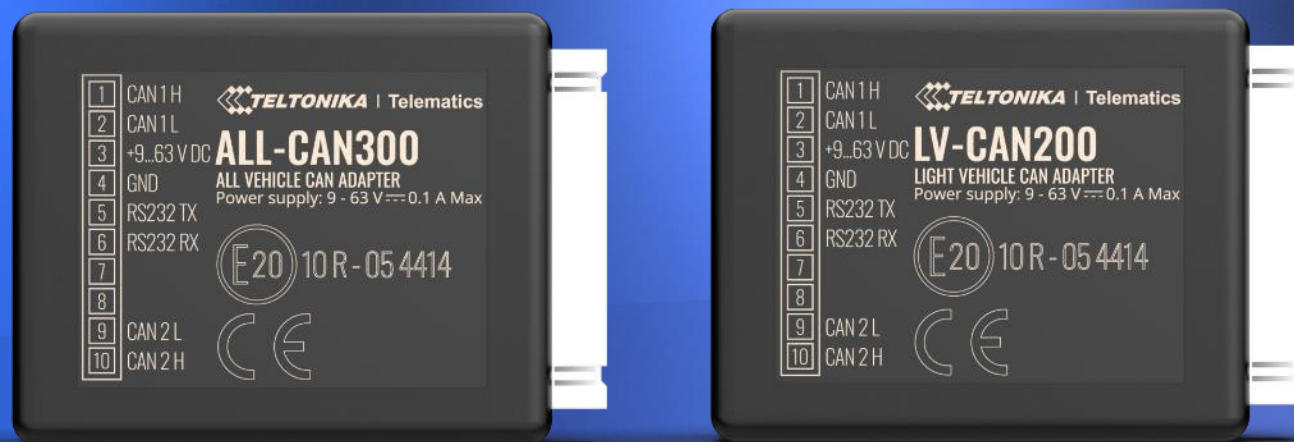


Warranty-friendly



# CAN DATA ADAPTERS

Light, heavy-duty, and special transport CAN data readers



LV-CAN200 designed to acquire data from light vehicles, vans, trucks, and buses



LV-CAN200+DTC in addition reads diagnostic trouble codes



ALL-CAN300 designed to read data from agriculture, construction, and special transport



# CAN-CONTROL ADAPTERS

CAN data readers for remote control



CAN-CONTROL allows remote doors and windows control



CAN-CONTROL+DTC in addition reads diagnostic trouble codes



CAN-CONTROL+IMMO allows immobilizing the vehicle without a relay installation



# E-MOBILITY







# TFT100 | 2G

Tracker with high-voltage support for e-mobility and heavy machinery



Various interfaces:  
CAN, RS232, RS485, UART



10-97 V power supply voltage  
range for integration variety



Robust IP67-rated casing



# PROFESSIONAL





# FMC650 | 4G

# FMM650 | M1

Trackers with high capacity backup battery and RS232, RS485 serial communication interfaces to connect external devices



Reliable global coverage and separate GNSS module



Remote download of tachograph files and live data



CAN data reading from heavy vehicles and special machinery



# FMC225 FMB225

4G

2G

Water-resistant trackers with RS485 and RS232 interfaces



Robust IP67-rated casing



RS232, RS485 interfaces for communication with external devices



Dual SIM for significantly reduced roaming costs





# FMx125 SERIES | 4G M1 2G

Trackers with RS232, RS485 interfaces and  
internal/external GNSS antennas



RS232, RS485 interfaces for  
communication with external  
devices



Dual SIM for significantly  
reduced roaming costs



External GNSS antenna option  
with FMB125



# ASSETS & WORKFORCE





# TAT1yx SERIES | 4G M1 2G

Wireless trackers to safeguard your assets



Periodic location reports



Extendable battery life  
depending on your needs



Ideal to be used as a smart backup  
tracker



# TAT240 | 4G

Wireless tracker with tamper detection for maximum safety of your assets



Instant tracker removal alerts



Reliable tamper detection technology based on magnet



Easy magnetic mounting with the included holder





# TMT250 | 2G

Autonomous mini GPS tracker for personal security



Small & easy to maintain



Alarm button for instant notifications in emergency cases



Robust IP67-rated casing and magnetic charging



# GH5200 | 2G

Tracker for personal security and workforce management



5 configurable buttons for different usage scenarios



Live help with two-way voice communication



Man-down and no-movement alarm



# VIDEO TELEMATICS





# TELTONIKA DSM

Driver safety and monitoring solution – PROFESSIONAL tracker and DSM camera to avoid accidents with visual monitoring functionality



Driver notification on drowsiness, distraction, and yawning



128 GB for offline video storage



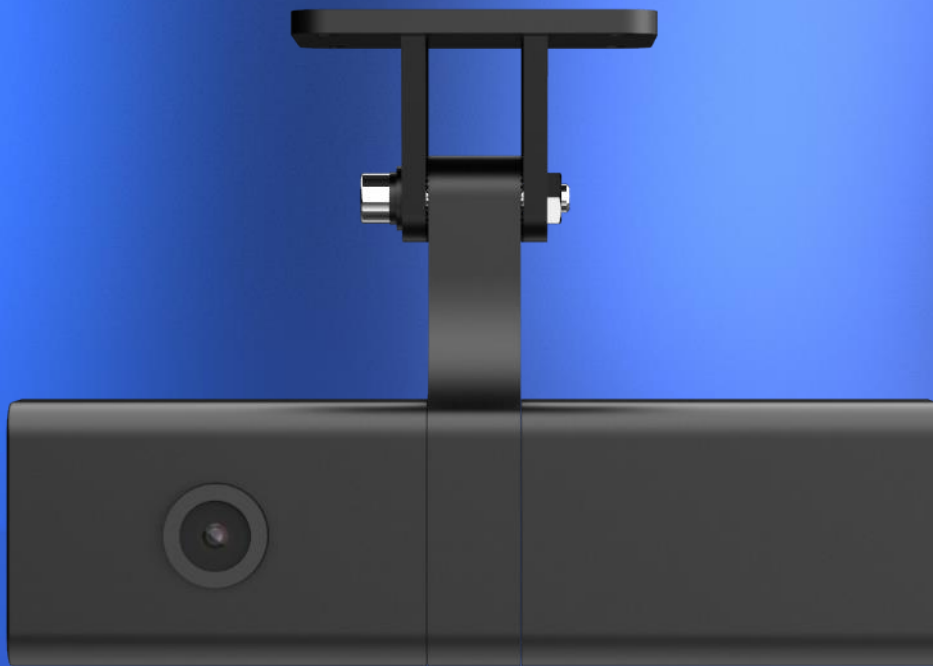
Sleek and compact design





# TELTONIKA DASHCAM

Road video monitoring solution



Video and photos – supporting  
High Efficiency Video Coding



Front view camera



Event-related video/photo data  
when you need it



# TELTONIKA DUALCAM

In-cabin and road video monitoring solution



Video and photos – supporting High Efficiency Video Coding



Front & back view with 2 cameras

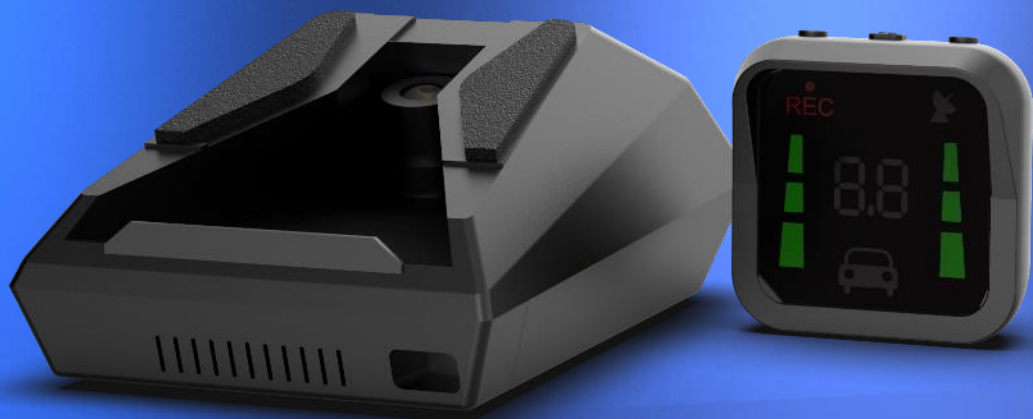


Event-related video/photo data when you need it



# ADAS

Advanced driver-assistance system designed to avoid collisions and accidents with visual monitoring functionality



Photos & videos on demand



Instant driver notifications on events



Driver behaviour monitoring



# EYE SENSORS







## EYE BEACON

Bluetooth® LE ID beacon to keep an eye on your assets



ID and magnet detection



Location of your assets



Up to 10 years battery life

## EYE SENSOR

Bluetooth® LE sensor to keep an eye on your assets



ID, movement, temperature, humidity, and magnet detection



Comprehensive monitoring of your assets



Up to 5 years battery life



## EYE BEACON ATEX

Bluetooth® LE ID beacon for hazardous environment



ATEX-certified



Location of your assets in hazardous environment



Up to 10 years battery life

## EYE SENSOR ATEX

Bluetooth® LE sensor for hazardous environment



ATEX-certified



Comprehensive monitoring of your assets in hazardous environment



Up to 5 years battery life



# EYE SENSOR EN12830

Bluetooth® temperature sensor with EN12830  
certificate for cold-chain solutions



EN12830-certified temperature  
monitoring



Saving temperature to internal  
memory for up to 345 days



Food-grade casing compliant with  
EU and FDA regulations



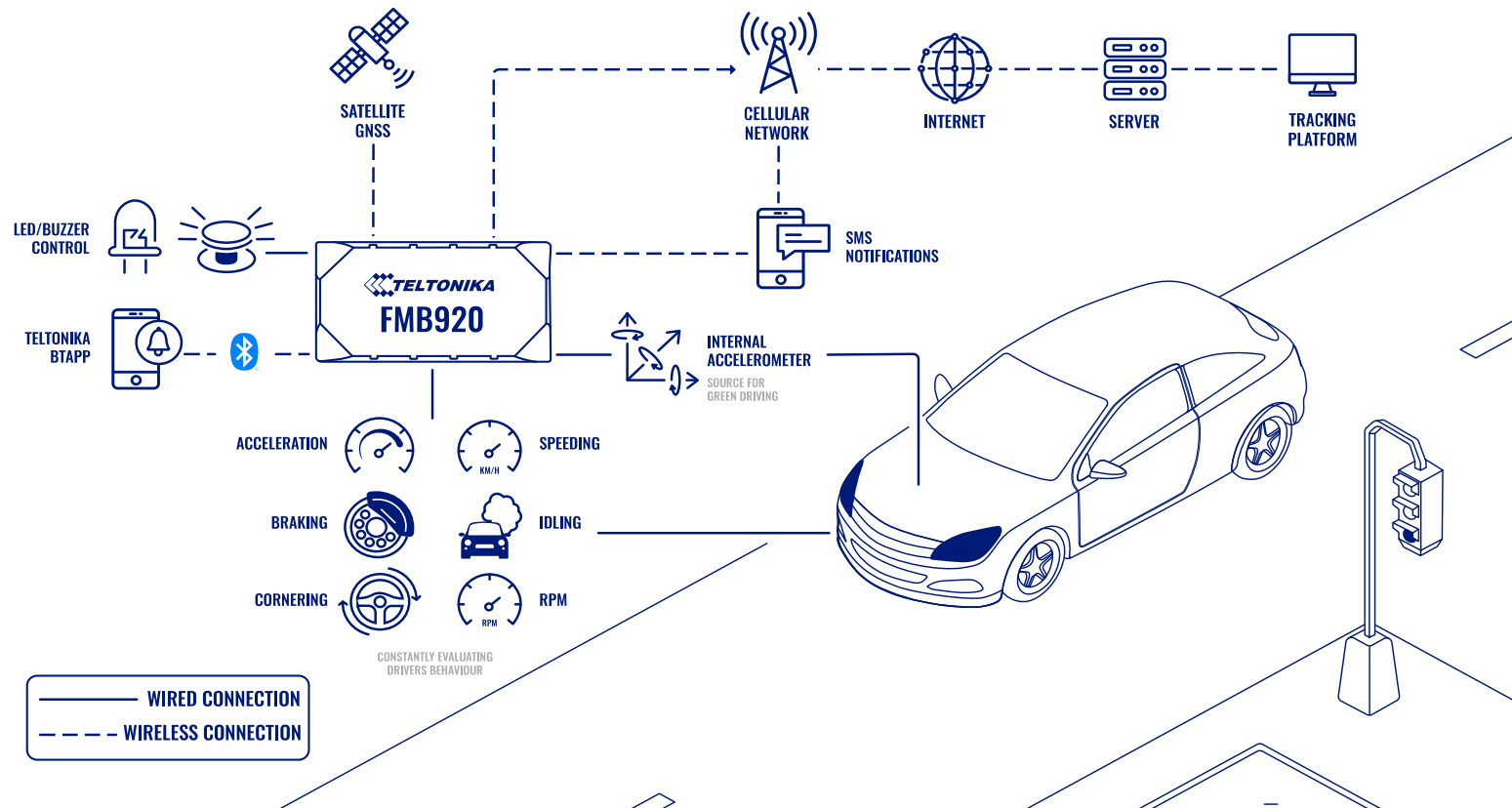


# USE CASES





# GREEN DRIVING SOLUTION

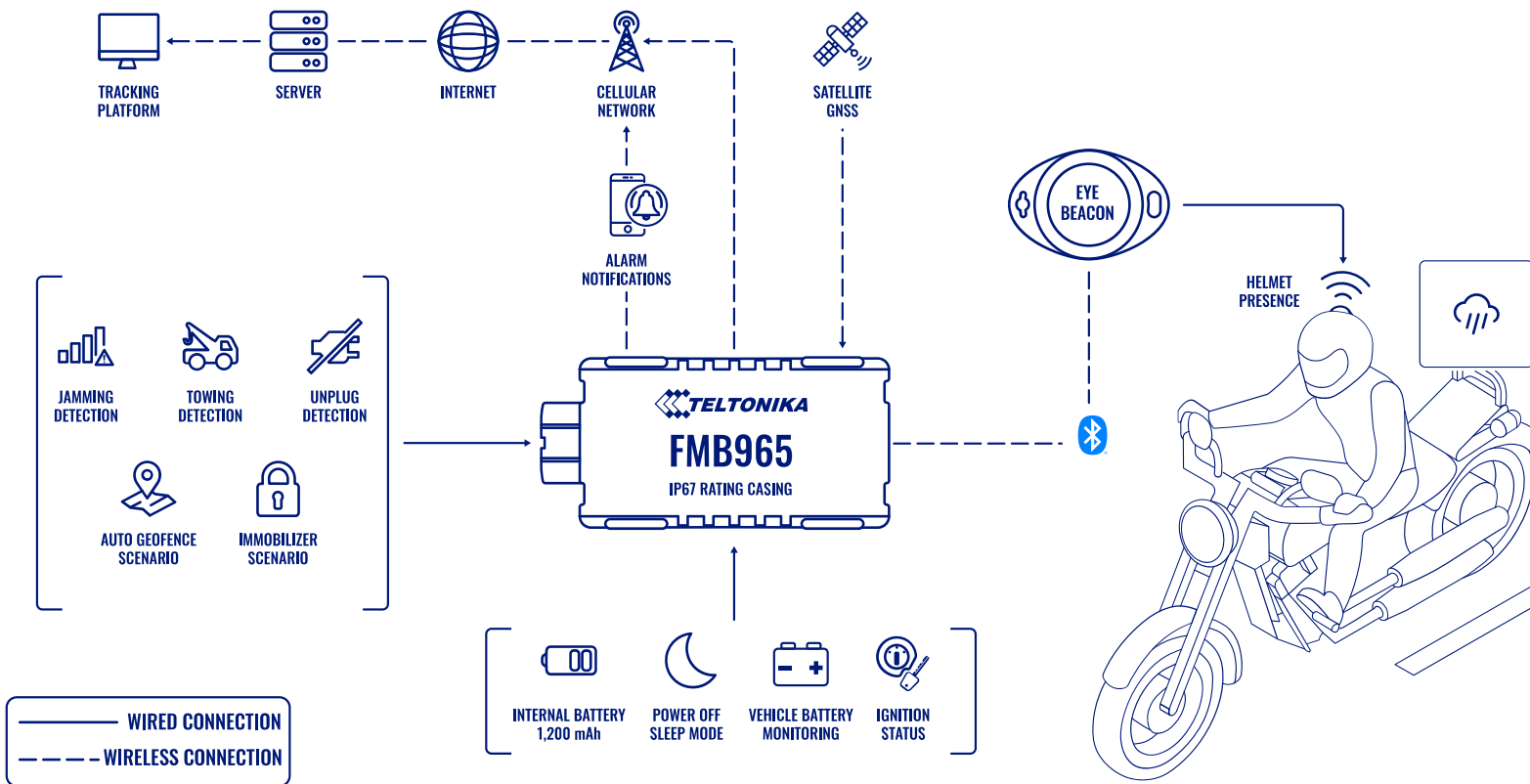


## BENEFITS

- Effective fuel consumption
- Reduced operational costs
- Longer vehicle life
- Increased road safety
- Cutting down exhaust gas emissions
- Enhanced cargo safety



# MOTORCYCLE TRACKING, PROTECTION AND SAFETY

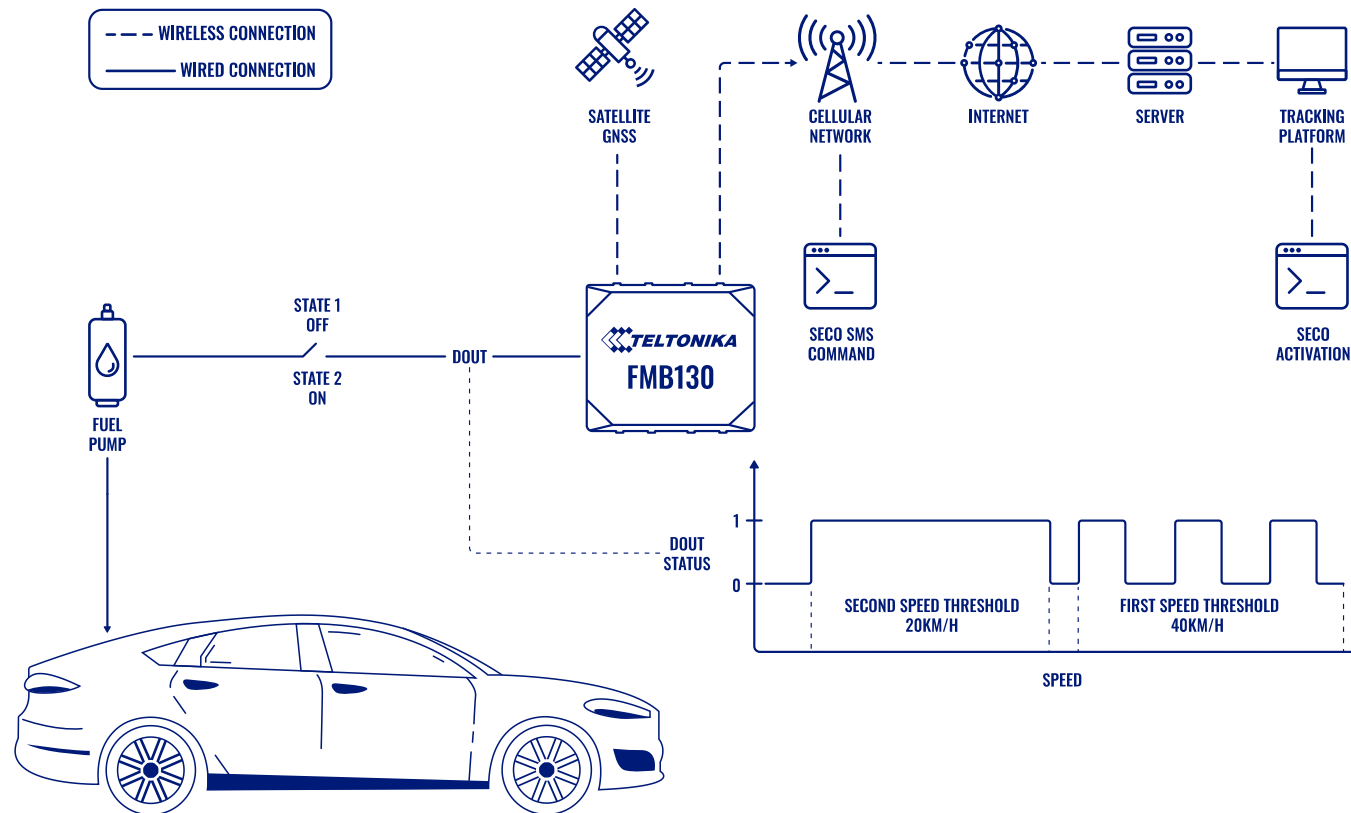


## BENEFITS

- Designed specifically with motorcycles in mind
- Reliable tracking in bad weather conditions
- Innovative click type casing closing
- All-in-one solution
- More business opportunities



# SECURE VEHICLE DISABLING

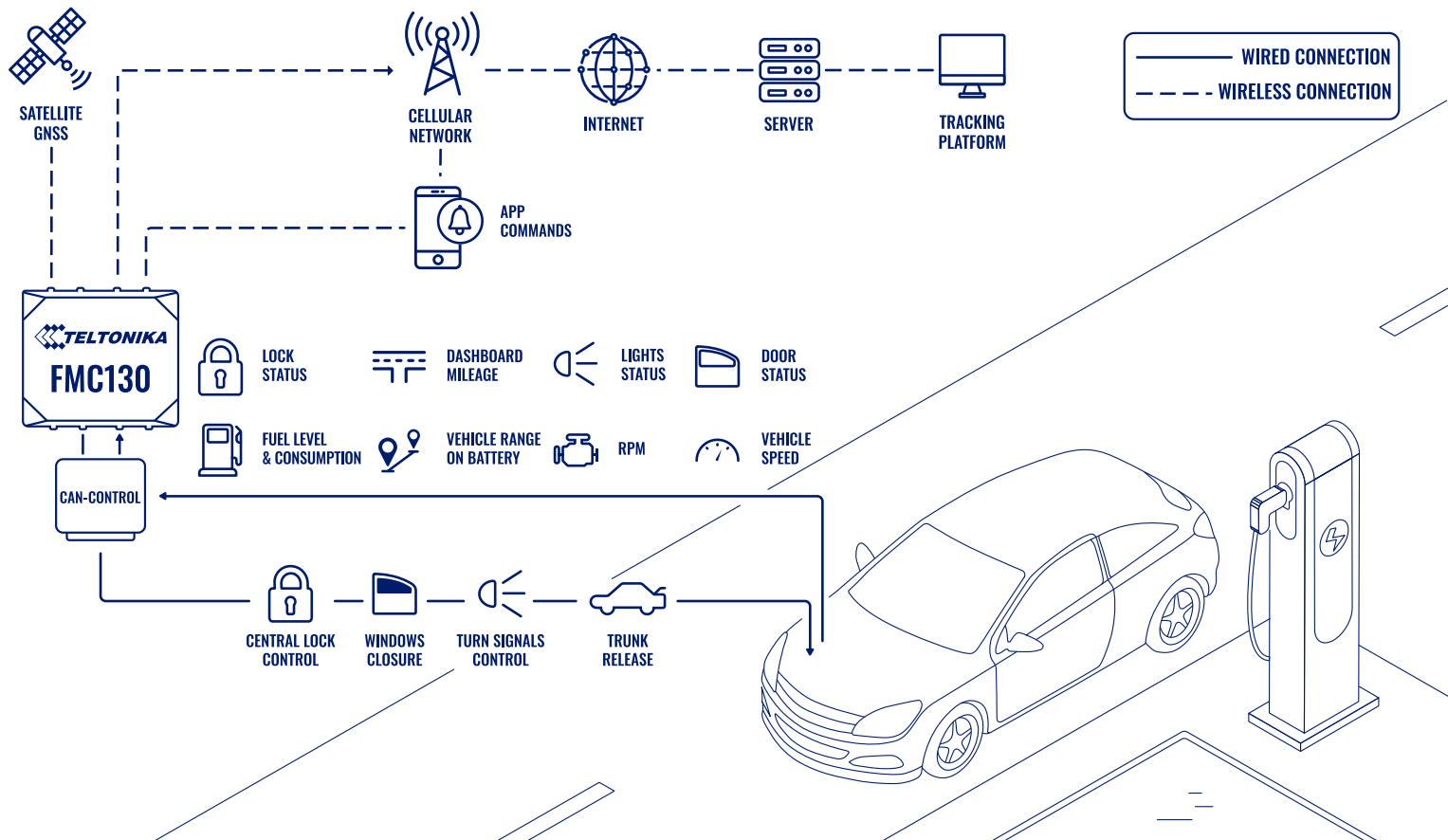


## BENEFITS

- Truly secure feature
- Facilitates cargo safety
- Allows avoiding traffic incidence
- User-friendly and convenient process management
- Saves time and effort, defeats uncertainty
- Keeping your business intact



# CAR SHARING SOLUTION



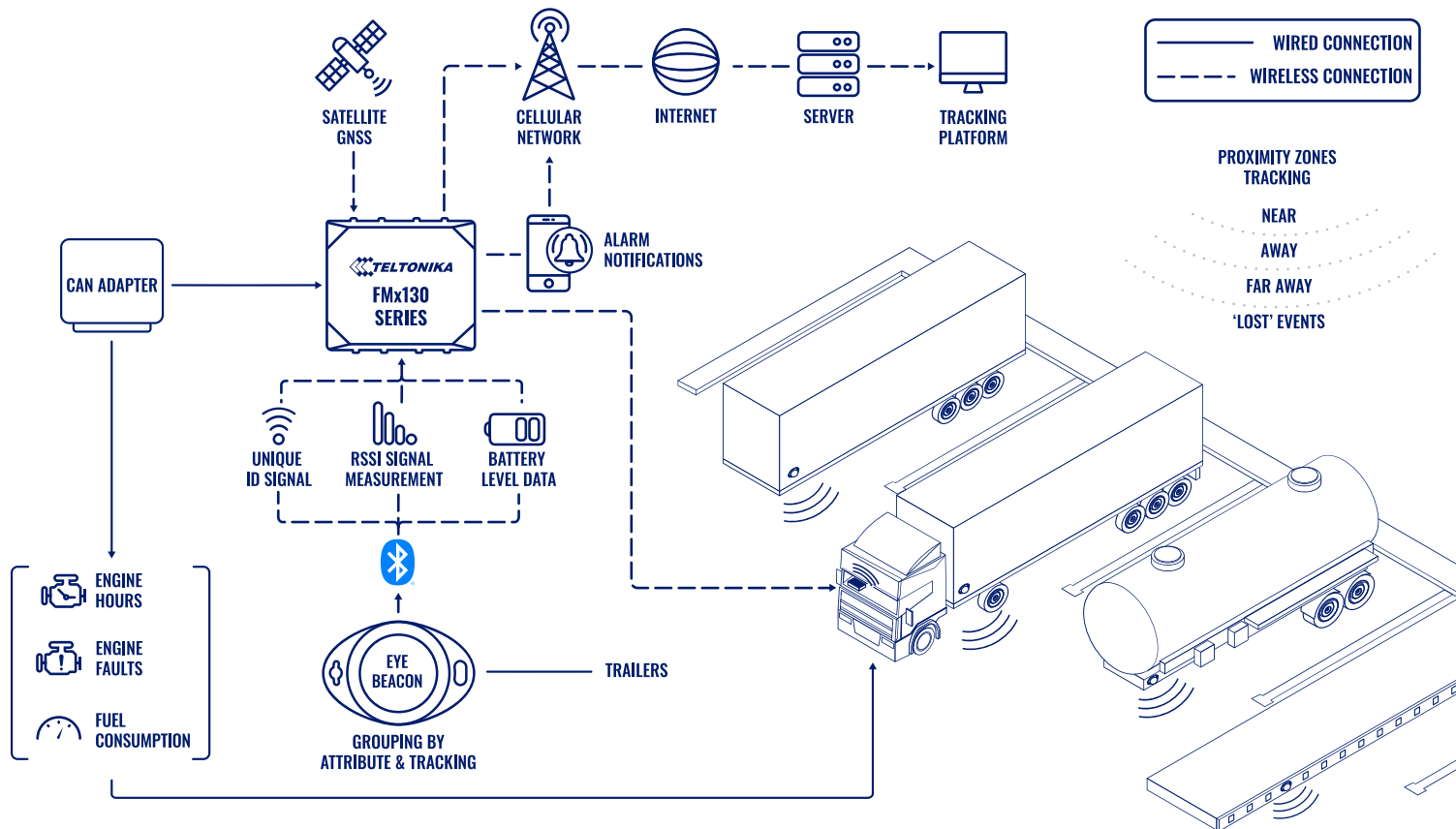
## BENEFITS

- Easy to configure devices
- Extensive list of supported cars
- CAN data reading





# TRAILER TRACKING WITH BLE ID BEACONS

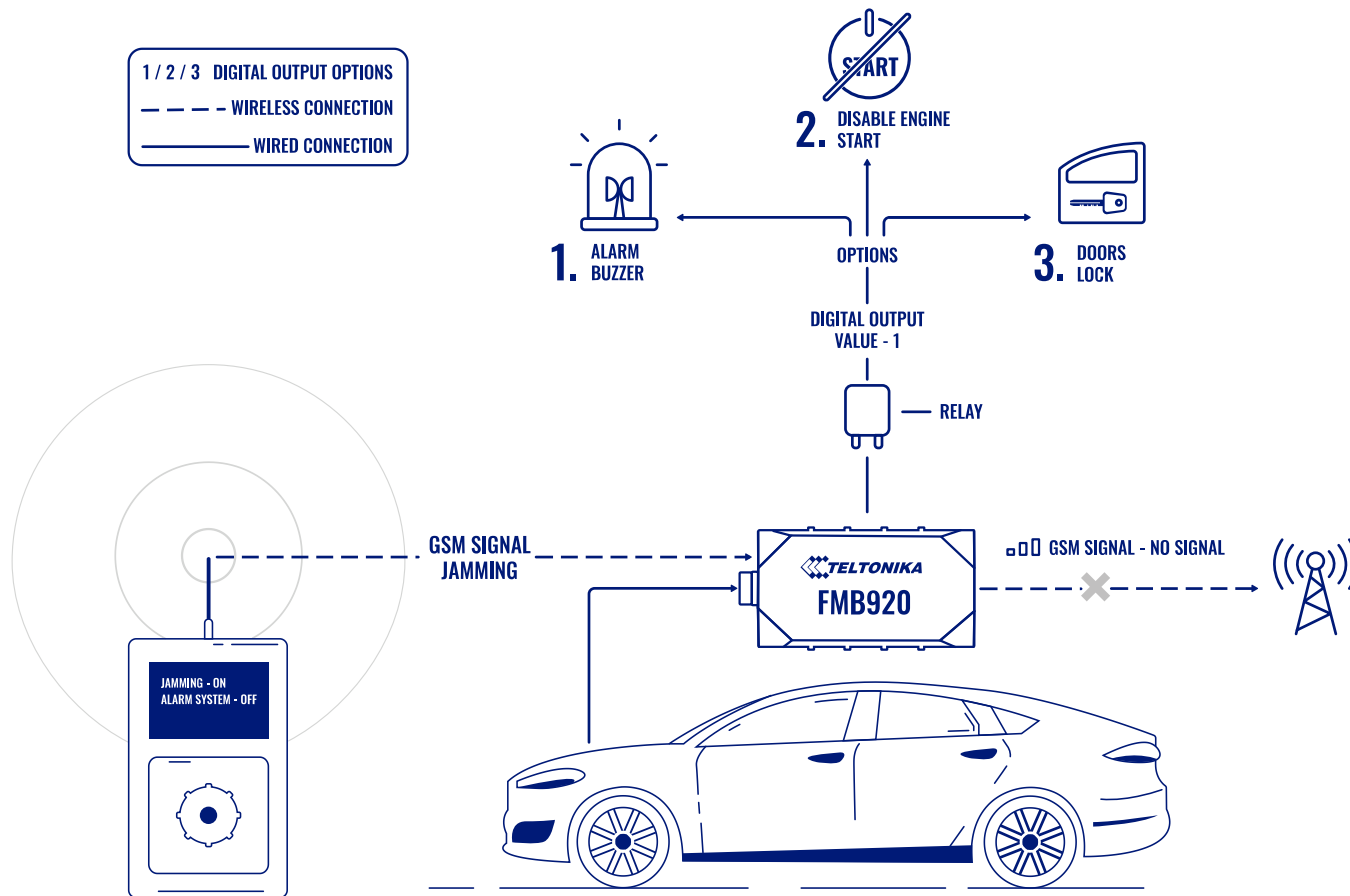


## BENEFITS

- Precise asset tracking anytime, anywhere
- Effortless inclusion of Teltonika EYE Beacons
- Value-adding smart EYE Beacon features
- Wireless and affordable
- Improved company reputation, competitiveness, and profitability

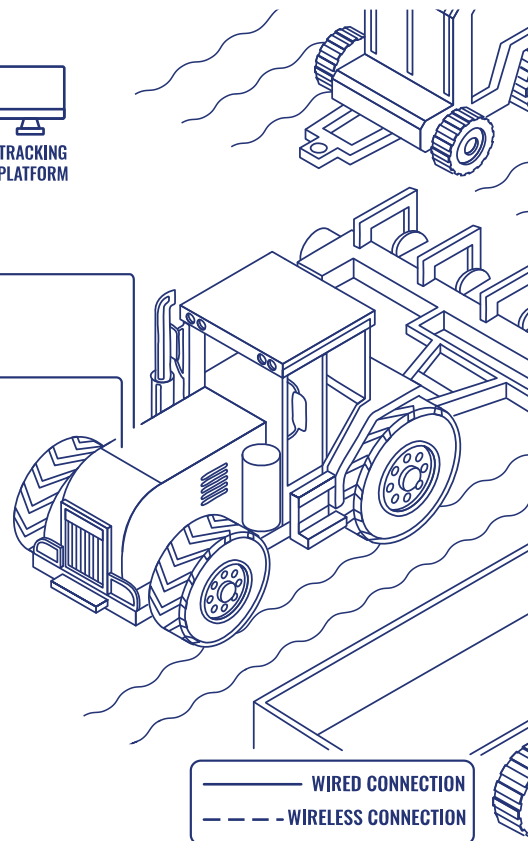


# ANTI-THEFT SOLUTION AND STOLEN VEHICLE RECOVERY



## BENEFITS

- Easy and fast configuration
- Keeping your vehicle safe
- Facilitating stolen vehicle recovery

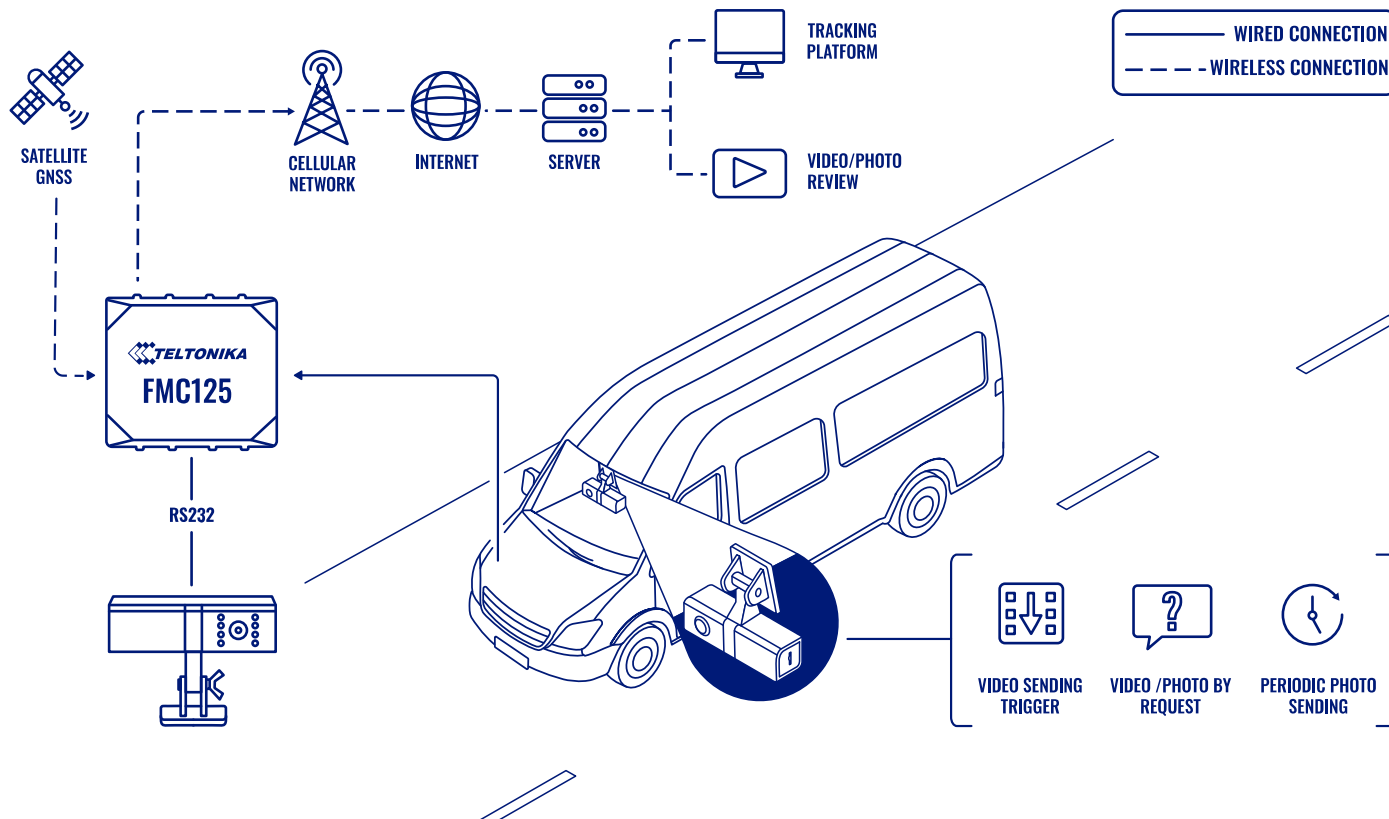


- Smart farming and outstanding efficiency
- Low-cost Bluetooth® ID beacon set up
- Customisable solutions for every business needs
- Efficient fleet maintenance, safety, and timely service
- Extensive Teltonika GPS tracker FMB140 functionality to serve farming needs

- Smart farming and outstanding efficiency
- Low-cost Bluetooth® ID beacon set up
- Customisable solutions for every business needs
- Efficient fleet maintenance, safety, and timely service
- Extensive Teltonika GPS tracker FMB140 functionality to serve farming needs



# TELTONIKA DUALCAM SOLUTION

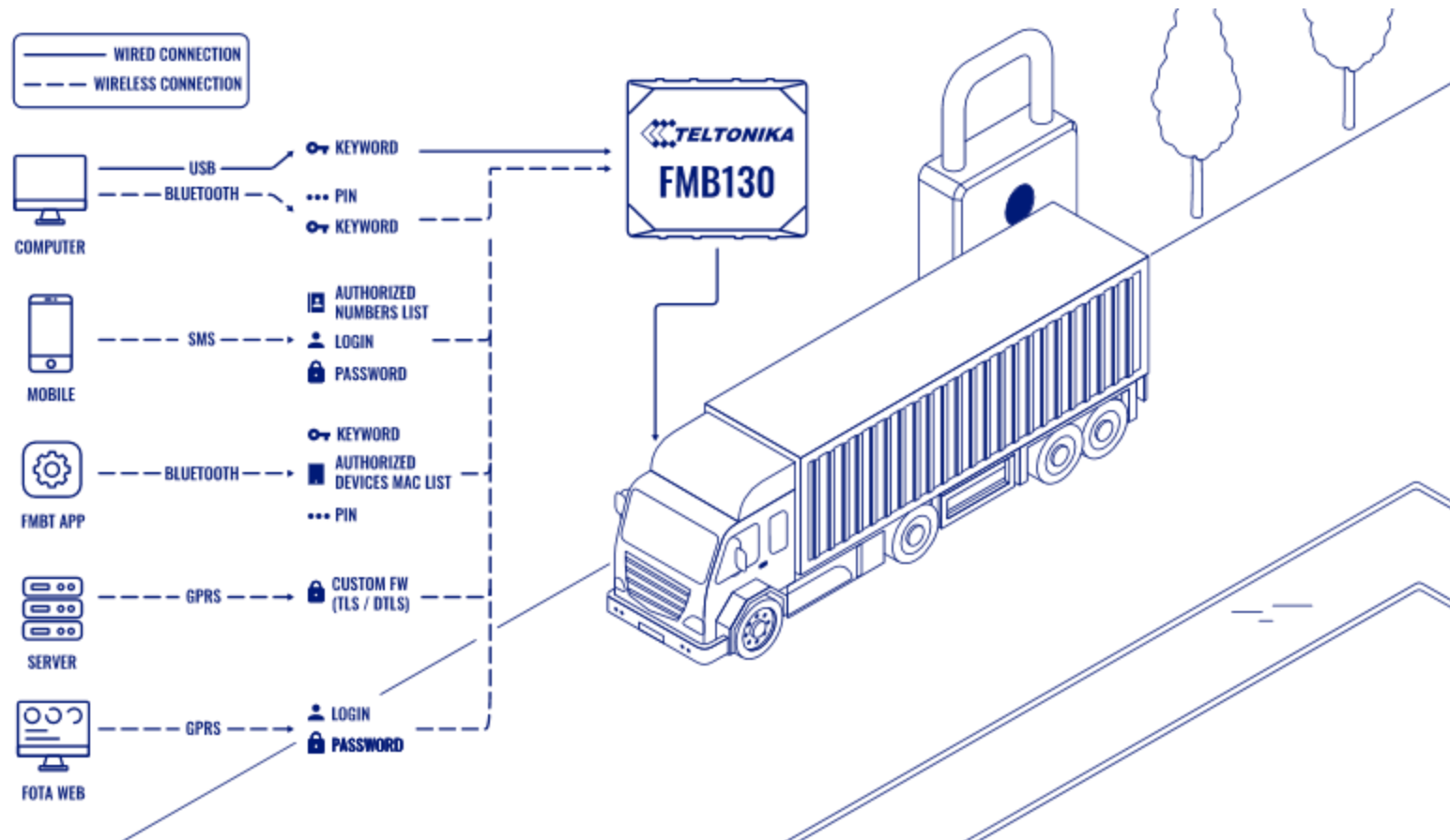


## BENEFITS

- Crucial information about the incidents on the road
- Seeing both ways
- Effective preventive measure
- Data automatically or by request
- Efficient fleet management



# TRACKER'S SECURITY



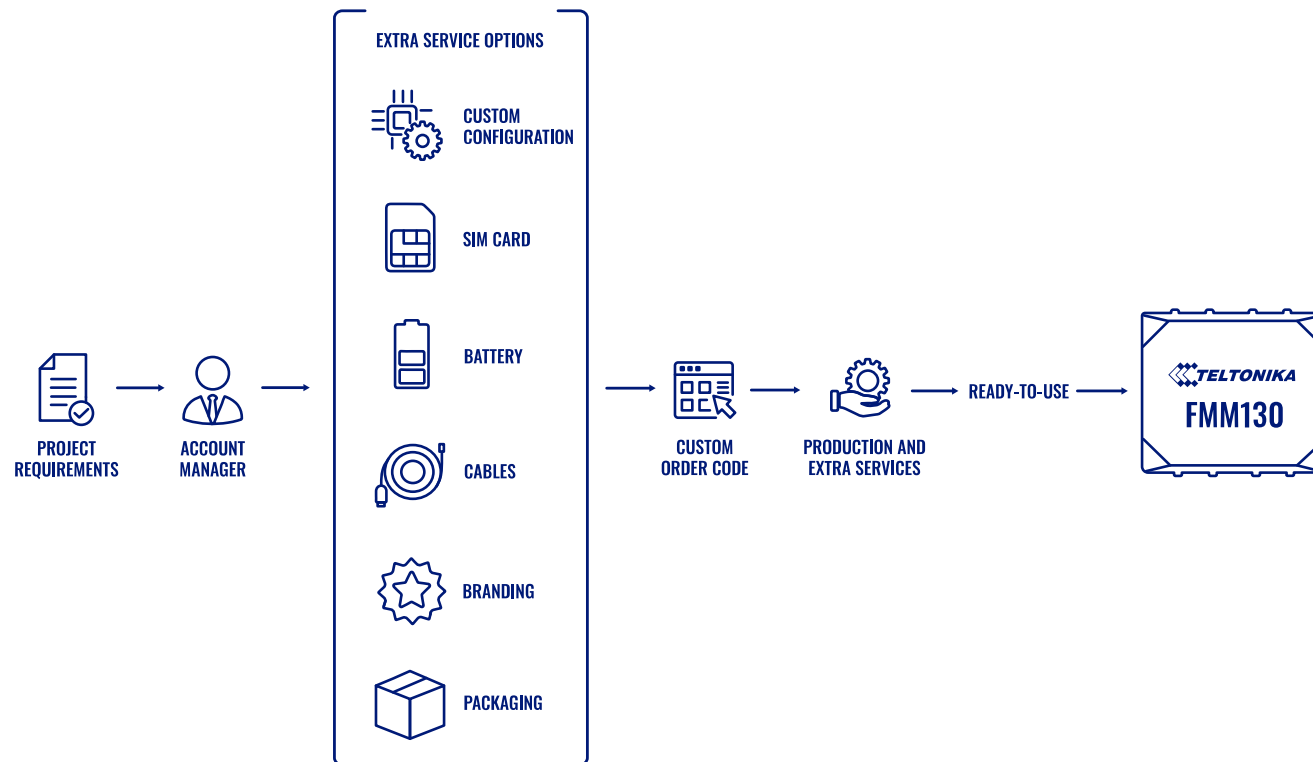
## BENEFITS

- Security options for various devices
- Fast way to configure secure logins
- Secure data sending





# SAVING TIME BY USING READY-TO-USE GPS TRACKERS

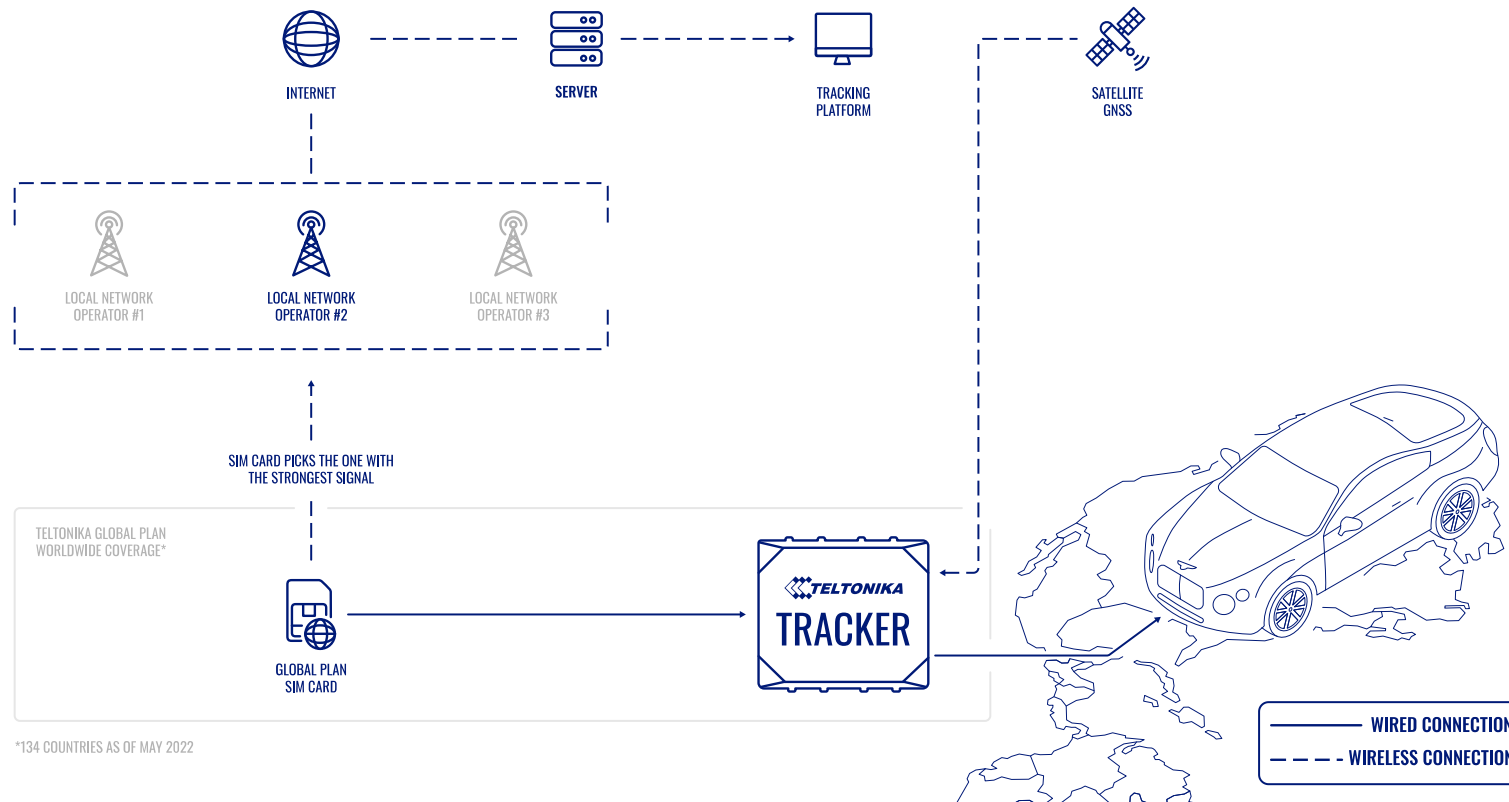


## BENEFITS

- Saving precious time and company resources
- Helping to avoid pricey errors and meet project deadlines
- Keeping company reputation intact
- Various product custom branding options



# GLOBAL CONNECTIVITY SOLUTION FOR STOLEN VEHICLE RECOVERY



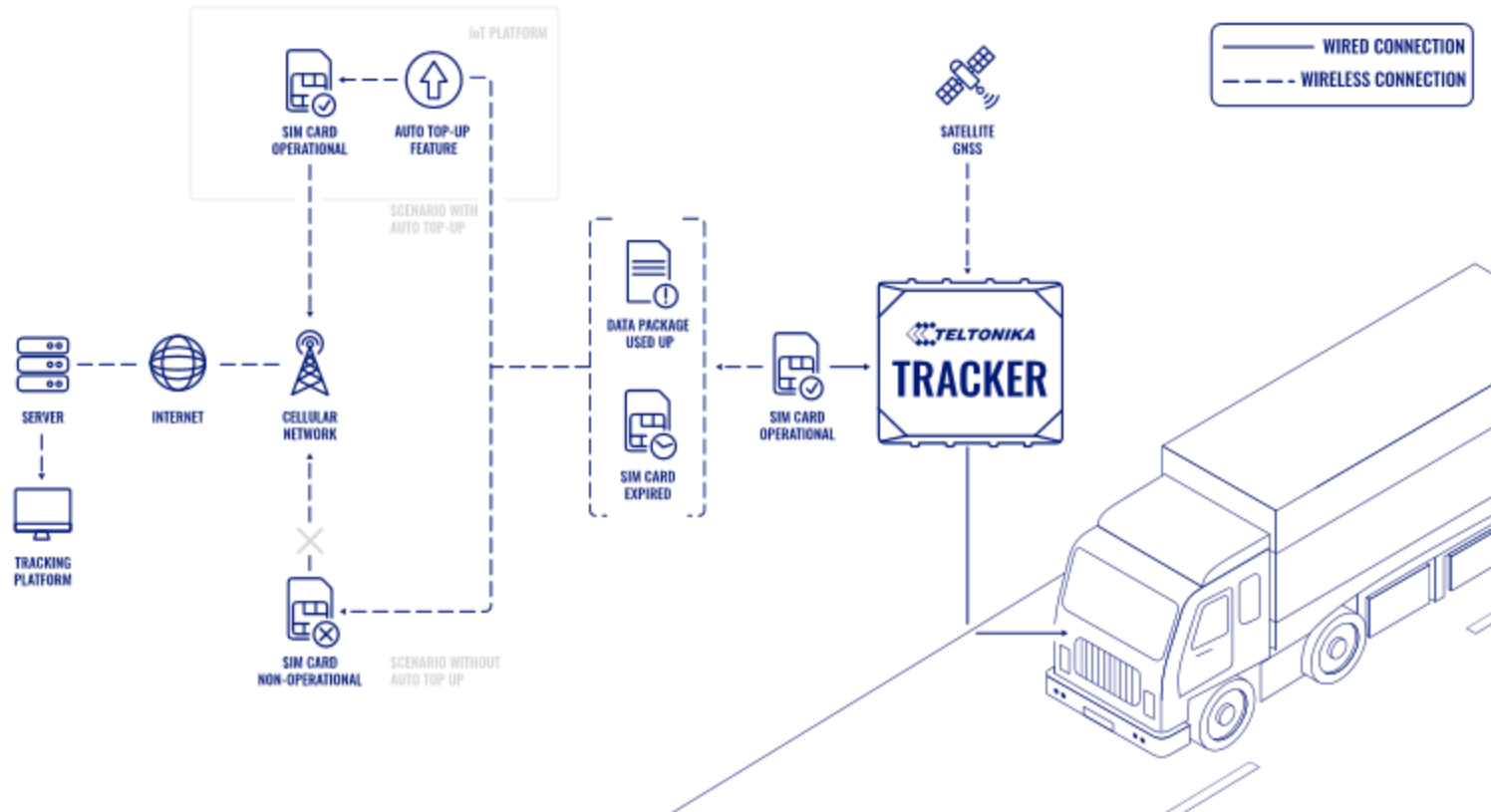
\*134 COUNTRIES AS OF MAY 2022

## BENEFITS

- Track and recover stolen vehicles virtually anywhere
- Always the strongest signal possible
- Network of your choice to suit business needs
- Platform for any type and size fleet
- Improved revenue streams and reputation
- All-in-one solution



# CONTINUOUS NETWORK CONNECTIVITY WITH **AUTO TOP-UP** FEATURE

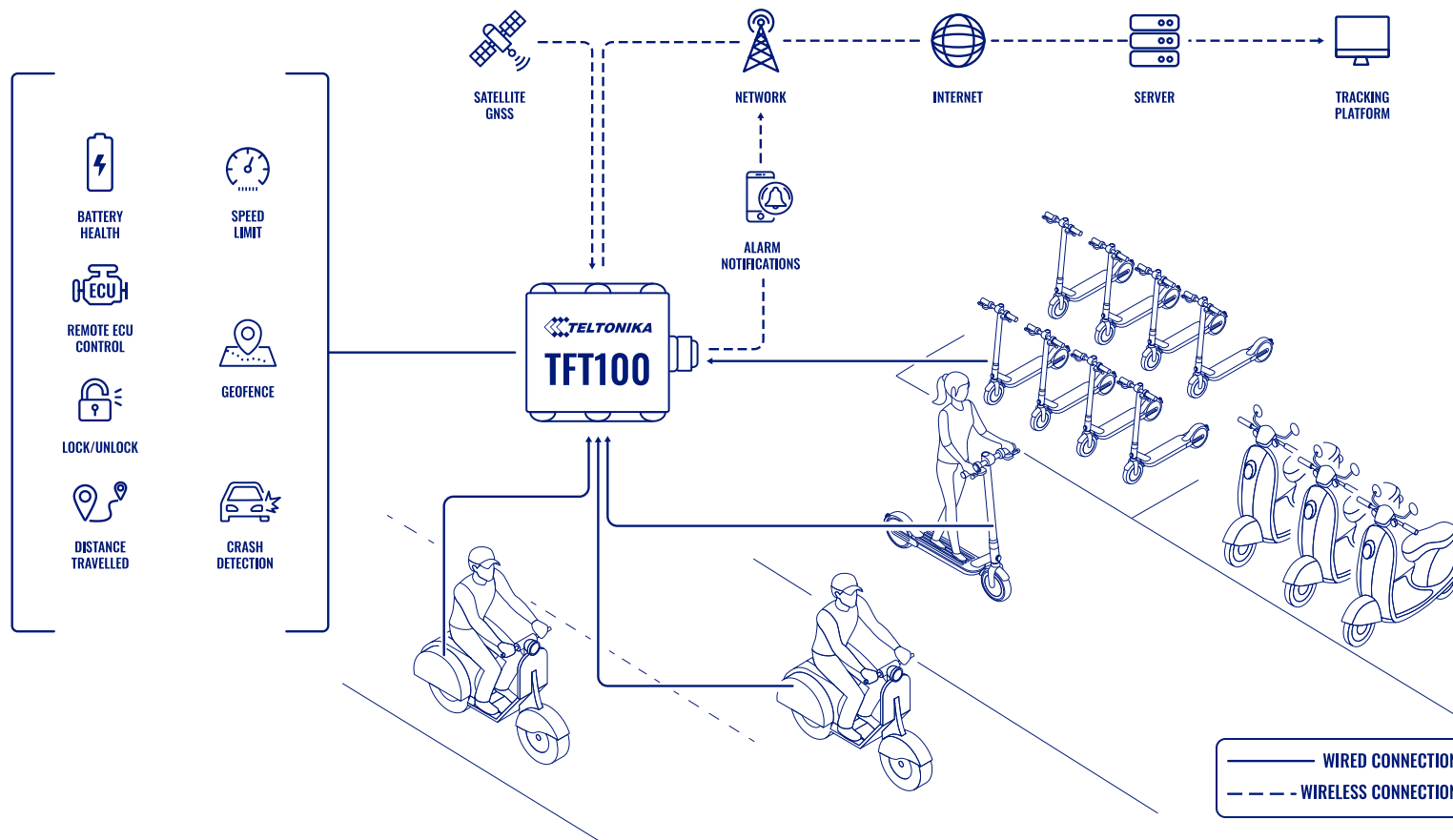


## BENEFITS

- No more disruptions and pricey surprises
- Full control of the connectivity
- Never lose a location of your fleet asset
- Have only the best connection available
- Connecting fleets of any size and any type of vehicles in one place
- Complete business package for telematics companies



# E-SCOOTER MANAGEMENT

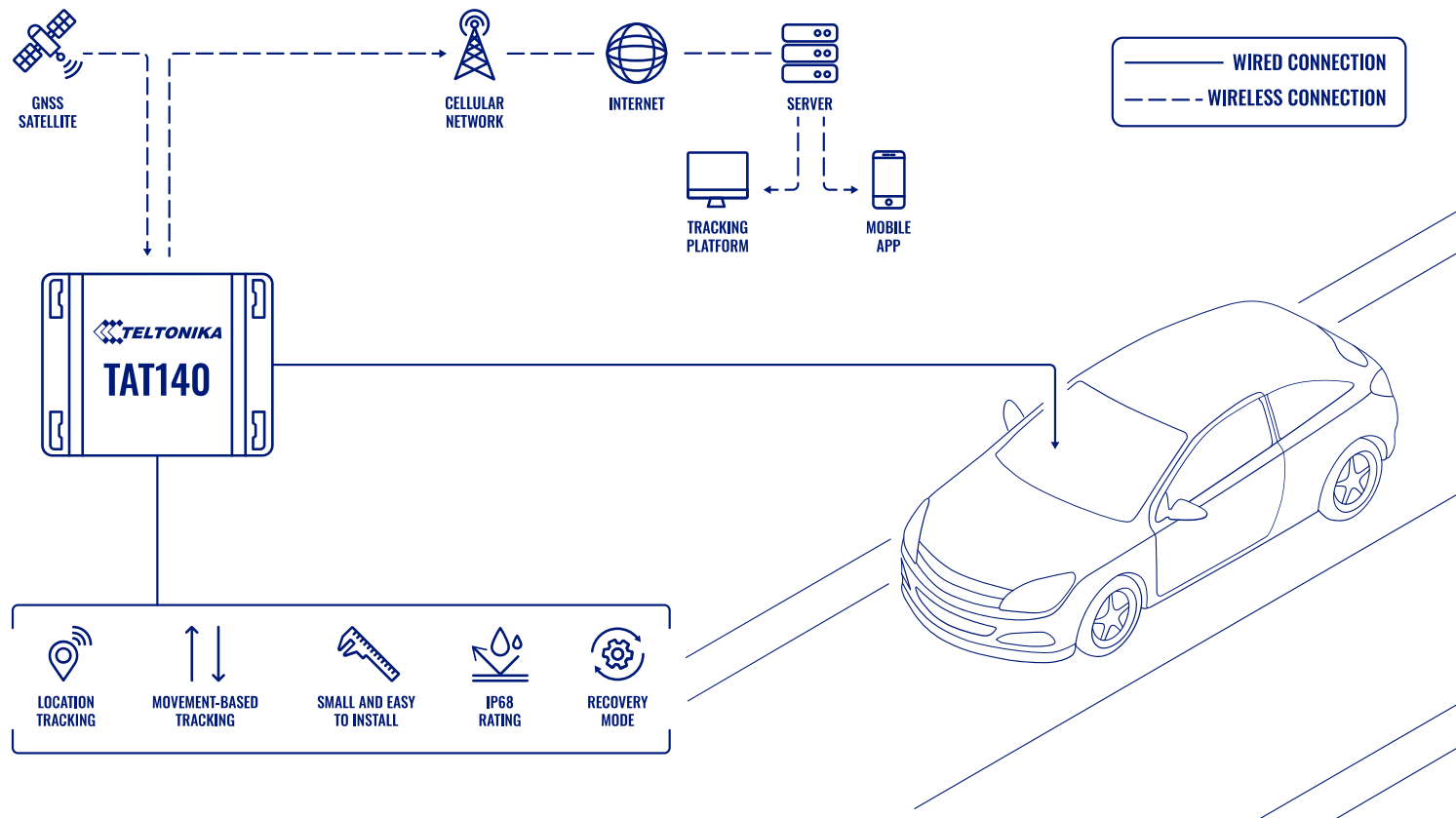


## BENEFITS

- Easy driver authentication with smart iButton to protect vehicles from jamming
- Ensuring safety with instant, real-time notifications in case of speeding, crashing, or breach of the desired perimeter
- Use it anywhere as IP67 certificate guarantees water & dust resistance and usage in harsh conditions
- Exceptional power supply voltage range for integration variety (10-97 V)
- Different interfaces and various e-scooter model support to fulfil your business needs



# DISCREET VEHICLE MONITORING



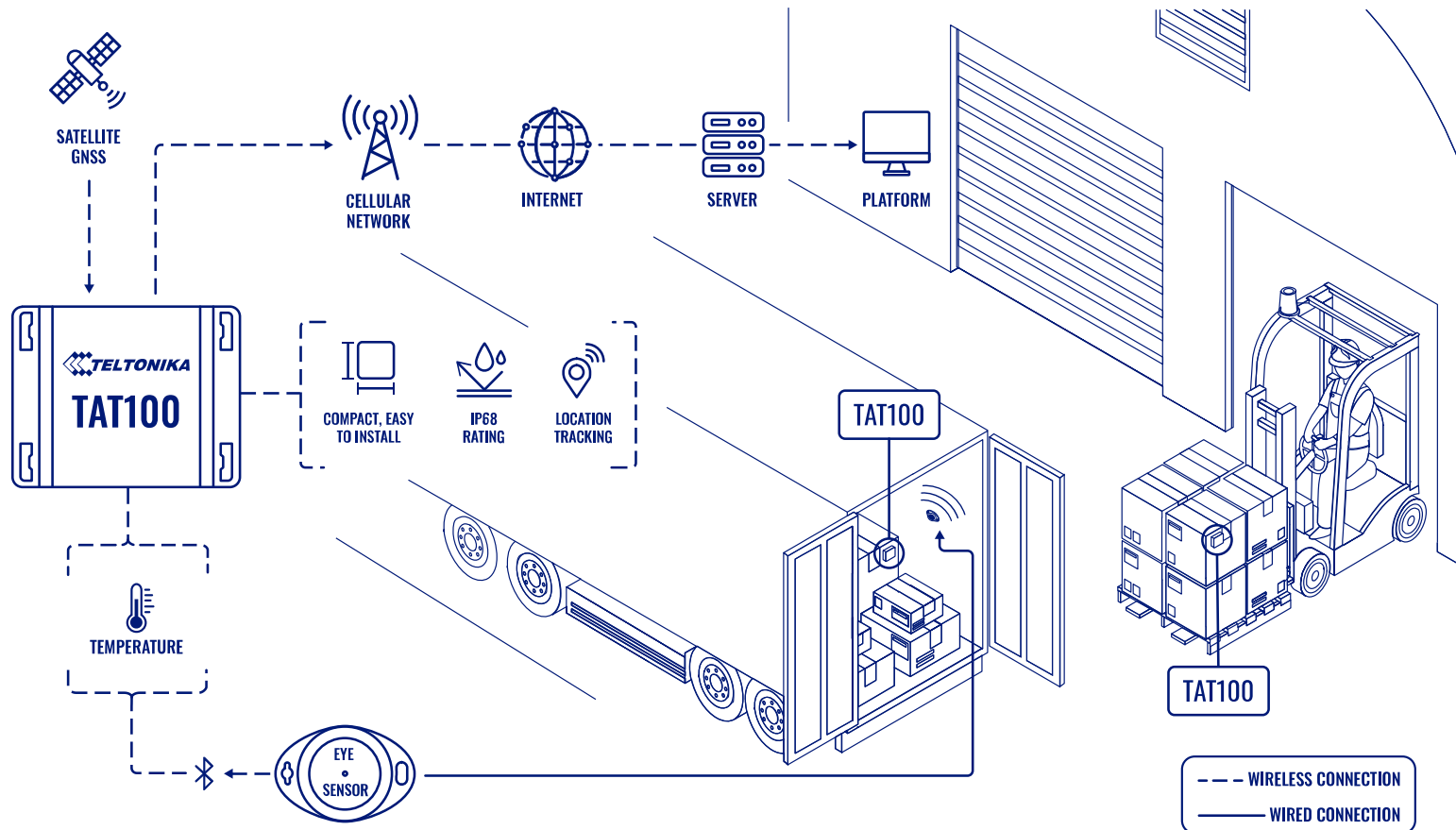
## BENEFITS

- Autonomous solution with Sleep Mode feature makes it easy to hide & hard to detect
- Easier and cheaper installation, which takes just a few minutes
- Different mounting possibilities make it suitable for any surface
- Easily adapted for personalized usage with FOTA WEB solution lasting up to 3 years
- It can survive any weather conditions or temperature deviations





# SIMPLE ASSET TRACKING

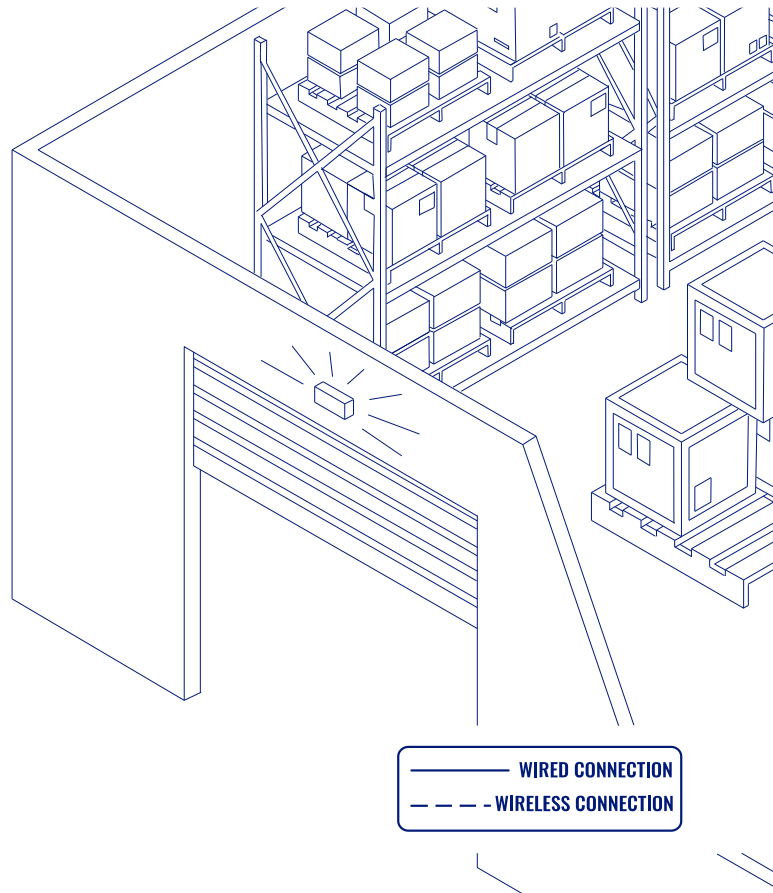
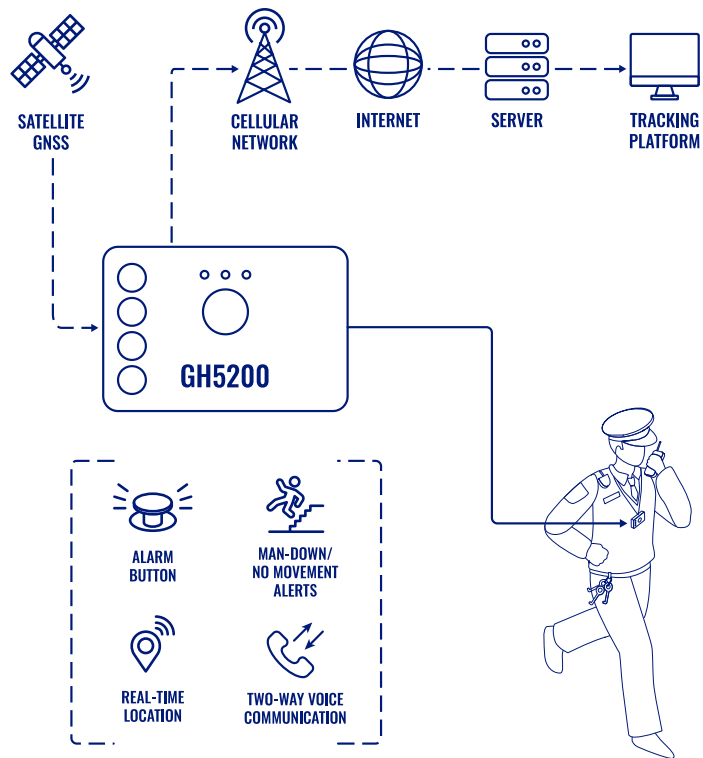


## BENEFITS

- Ensuring safety with instant notifications in case of theft or unauthorised movement
- Extendable battery life depending on your needs
- Different mounting possibilities make it suitable for any surface
- Convenient utilisation and personalised record sending scenarios with smart configuration and user-friendly interface
- It can survive any weather conditions or temperature deviations



# LONE WORKER MANAGEMENT



## BENEFITS

- Increased safety of employees with automated emergency alarm for no-movement & man-down scenarios
- Easily adapted for personalised usage with 5 configurable buttons
- Suitable size and design allow it to be put on a neck or a belt
- Increased workforce management efficiency
- Smart configuration and user-friendly interface contribute to the convenient utilisation experience

## PRODUCT COMPARISON

[illegible]

I - Internal antenna.  
E - External antenna.

<sup>2</sup>FMB125 version with an internal GNSS antenna is available.

<sup>2</sup> Supported via Bluetooth® OBD-II dongle.  
<sup>4</sup> Depending on ordered PCB modification.

<sup>6</sup> Additionally digital LLS is supported.

<sup>a</sup> FTC305 version with an external cellular antenna is available.

<sup>10</sup> FTM305 version with an external cellular antenna will be available on special request.

<sup>12</sup>FTM305 version with an external GNSS antenna will be available on special request.



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