

TRACK YOUR FLEET & ENGINE HEALTH
in **REAL TIME**



T R A C K I N G
GPS



INNOVATIVE IOT SOLUTIONS

- GPS with CAN
- GPS with Fuel Sensor
- GPS with Video (ADAS & DMS)
- GPS with BLE (Angle & Rotation)
- GPS Based Mobile Tracking
- GPS Based Sim Tracking
- AI Based Facial Attendance
- Custom Application Development



Trans Global Geomatics Pvt. Ltd.
Reliable IOT & Mapping Partner

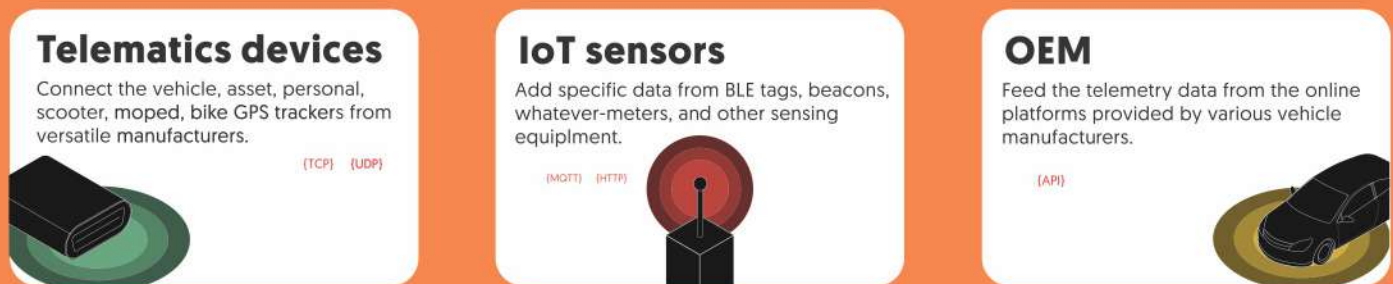
Integrations Enablement Platform for Telematics & IOT

ACCELERATED TELEMATICS & IOT DEVELOPMENT

Leverage TGG IOT Platform to aggregate normalized data from a variety of IOT and telematics sources, manage devices over the air, enrich messages, and analyze data in real-time. All via API.



WE COLLECT DATA FROM



With TGG IOT you can

- Ingest data**
Get the telemetry data from 1,000+ types of IoT and telematics devices by multiple manufacturers.
- Enrich messages**
Add calculated values, extract reverse geocoding data, script parsing logic, attribute geofence status, and more.
- Calculate aggregated metrics**
Slice and dice sets of messages based on custom criteria to get meaningful business-specific values.
- Access normalized data via API**
Consume the messages in a universal JSON format with unified parameter names.
- Forward data to third-party platforms**
Establish data streaming to cloud hubs, fleet management platforms, IoT & telematics solutions, and more.
- Manage devices**
Configure different IoT and telematics devices over the air via API or using a universal configuration tool.
- Debug & troubleshoot**
Use specialized tools to detect errors, diagnose connectivity issues, analyze raw traffic, and more.

Mining
&
Logistics

Smart Cities
&
Agriculture

Health Care
&
Oil & Gas



Advanced Tracking Solutions

GPS with CAN



- ❖ MQTT based data transfer protocol
- ❖ LTE / 3G / 2G (optional)
- ❖ 2 Simultaneous CAN-BUS connections
- ❖ OBDII and CAN protocols of light vehicles
- ❖ Geofencing and over speeding
- ❖ Fuel level sensors
- ❖ RFID support / driver ID
- ❖ Temperature / humidity sensors
- ❖ Remote output control and immobilization
- ❖ Data from agricultural machinery

GPS with Fuel Sensor

- ❖ 99.4% Accuracy in fillings, Consumption & Thefts
- ❖ Location of fillings at fuel filling stations with time stamp
- ❖ Live Tracking with fuel volume
- ❖ Fuel Consumption with or without vehicle movement
- ❖ Engine Running Hours
- ❖ 99.4% Mileage
- ❖ Live Alerts for Fillings & Theft
- ❖ Android & IOS & Web Application



GPS with Temperature (Wire & Wireless)



- ❖ Cabinet freezer, refrigerator monitoring remotely
- ❖ Cold chain logistics
- ❖ Greenhouse
- ❖ Medical environment control
- ❖ Assembly line, warehouse, workshop

GPS with Video (ADAS & DMS)



- ❖ Live Video along with location
- ❖ Live tracking & play back
- ❖ With ADAS & DMS
- ❖ Two way communication
- ❖ Panic button
- ❖ Collision alerts



Asset Tracker / Personal or Pet



- ❖ Pet Tracking - To know the location of your pet/asset
- ❖ Child Tracking - To know where about's of your loved ones
- ❖ Elderly Tracking - To track the Elderly People
- ❖ SOS - Emergency Panic Button
- ❖ MIC - To listen the surroundings
- ❖ Battery - Long Battery 1 month Back-up

GPS with RFID



- ❖ 5xinput, 5x output, 4x AD, camera and RFID
- ❖ Two way communication
- ❖ Connect with fuel sensor, fuel leak alarm
- ❖ Stop engine by manual or geo - fence based alarm
- ❖ Stop the vehicle by SMS - Immobilizer
- ❖ Door open / close alarm, takes photo when the door opens

Advanced GPS



- ❖ Four Wheeler Tracker - Trucks, Cars & Cargo
- ❖ Engine Cutoff - Stop the vehicle by SMS
- ❖ SOS - Emergency Button
- ❖ Mic - To listen to the surroundings
- ❖ Add ons - Fuel, Camera, Door & RFID

OBD, Plug & Play

- ❖ Four Wheeler Tracker - Trucks, Cars & Cargo
- ❖ Plug 'n' Play - Start Tracking within seconds
- ❖ SOS - Emergency Button
- ❖ Mic - To listen the surroundings
- ❖ Suitable for - Luxury Vehicles



E-Lock / Pad Lock

- ❖ Live Location of the Unlock/Lock
- ❖ Alerts for Locking & unlocking
- ❖ Ble based unlocking
- ❖ App based unlocking
- ❖ Portal Based unlocking
- ❖ RFID based unlocking
- ❖ Fast Ble Unlock
- ❖ App-authorized Unlock
- ❖ Above 50 thousand Unlock
- ❖ Rechargeable battery
- ❖ Above 1000 unlock logs
- ❖ Ip65



GIS Mapping & IOT

- ❖ PHOTOGRAMMETRY (Drone, Aerial, Satellite Imagery)
- ❖ DEM
- ❖ ORTHO MOSAIC
- ❖ 3D TEXTURING
- ❖ SATELLITE DATA PROCESSING
- ❖ GIS DATA PROCESSING
- ❖ LIDAR (Aerial, Mobile & Drone Data)





Application Development

Information of Engine On & Off

Operate Car From Your Phone

History of Your Past Journey

Choose the path for your Car

Over Speed Alarm

- ❖ Application Development
- ❖ Transportation & Logistics
- ❖ Cold Chain- Temperature & Humidity
- ❖ RMC Trucks & Cement Trucks - Drum rotation
- ❖ Heavy equipment-Mining -CAN
- ❖ School bus - RFID & BLE
- ❖ Asset trackers- market trucks-
- ❖ Logistics- fuel sensors with 99.4% accuracy
- ❖ Personal trackers/mobile tracking
- ❖ Municipalities -waste management
- ❖ Public transportation
- ❖ EV Vehicles (SOC & Engine Health)

- ❖ Video Telematics – ADAS & DMS
- ❖ AI based Facial Attendance & RFID
- ❖ Container Tracking (Satellite Trackers with Door sensors)
- ❖ Generators Fuel Monitoring
- ❖ E-Locks & PAD Locks for high value cargo
- ❖ Global Tracking Solutions with 130 countries coverage
- ❖ Trip Management Module
- ❖ Rest API Support
- ❖ ERP Integration
- ❖ Android & IOS Support
- ❖ Custom Business Dashboard
- ❖ Mobile Tracking & SIM Tracking

GIS Mapping

Photogrammetry

LiDAR



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