flespi

FLEXIBLE TELEMATICS BACKEND

ACCELERATED TELEMATICS & IOT DEVELOPMENT

VALUE

flespi enables IoT solution companies to create advanced IoT & telematics location-based solutions with lesser effort and significantly shorter time-to-market.

flespi receives and normalizes IoT/telematics data, stores it, applies real-time analytics. You focus on designing the customer experience.

Accelerated development of location-based solutions: engage in fleet management, car or scooter sharing, insurance telematics, warehouse condition monitoring, you name it.

One-stop data processing: aggregate data from multiple telematics and IoT sources. Rely on uniform parameter naming across hundreds of device models.
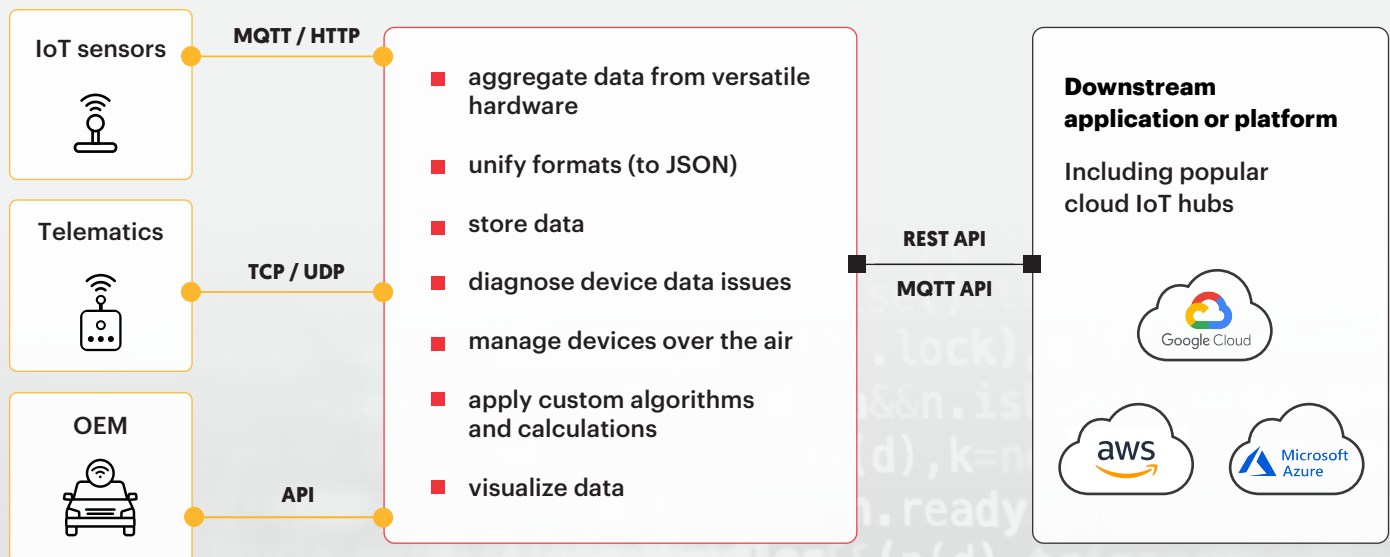
Quick insights: analyze telemetry data to get meaningful gems of info for your application capabilities.

Seamless integration:
plug your IoT data into any downstream platforms, BI tools, and ERPs to extract more value.

* Tell us about the pains of your project and we'll advise you on how to best tackle them.

CONCEPT

flespi

IoT sensors — MQTT / HTTP

Telematics — TCP / UDP

OEM — API

- aggregate data from versatile hardware
- unify formats (to JSON)
- store data
- diagnose device data issues
- manage devices over the air
- apply custom algorithms and calculations
- visualize data

REST API
MQTT API

Downstream application or platform

Including popular cloud IoT hubs

Google Cloud
aws
Microsoft Azure

WE'VE GOT YOUR BACKEND

POWERED BY
GURTAM

FUNCTIONALITY

Connect
- Start getting messages from hundreds of IoT & telematics devices in minutes
- Easily debug any device data issues using built-in developer tools
- Request integration of new protocols

Collect
- Store device data for up to 10 years
- Save your data in a distributed high-performance time-series database

Manage
- Configure multiple tracking devices regardless of manufacturer remotely from a single interface
- Embed a universal device configurator into your solutions

Integrate
- Forward the collected device data into any target platforms for further processing
- Send the data to Google Cloud, Amazon AWS or Microsoft Azure
- Pull the data via REST API or push via MQTT API.

Analyze
- Apply custom algorithms in real-time
- Calculate intervals continuously as device data arrives — from sensor value changes to geofence control to engine hours
- Script any logical expression your application requires

HIGHLIGHTS

Uptime > 99.99%
Rock-solid performance guaranteed

100% in-house development
We are responsible for every line of the code

Support by developers
Instant help and advice from the creators

Pay-as-you-use pricing
We charge for what you use only

Ready for enterprise solutions
Design a multi-level accounts hierarchy

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