

# flespi

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IoT/Telematics Platform



flespi mission statement

developing **Technologies,**

creating **Toolkits,**

setting **Trends**

for **Telematics/IoT**

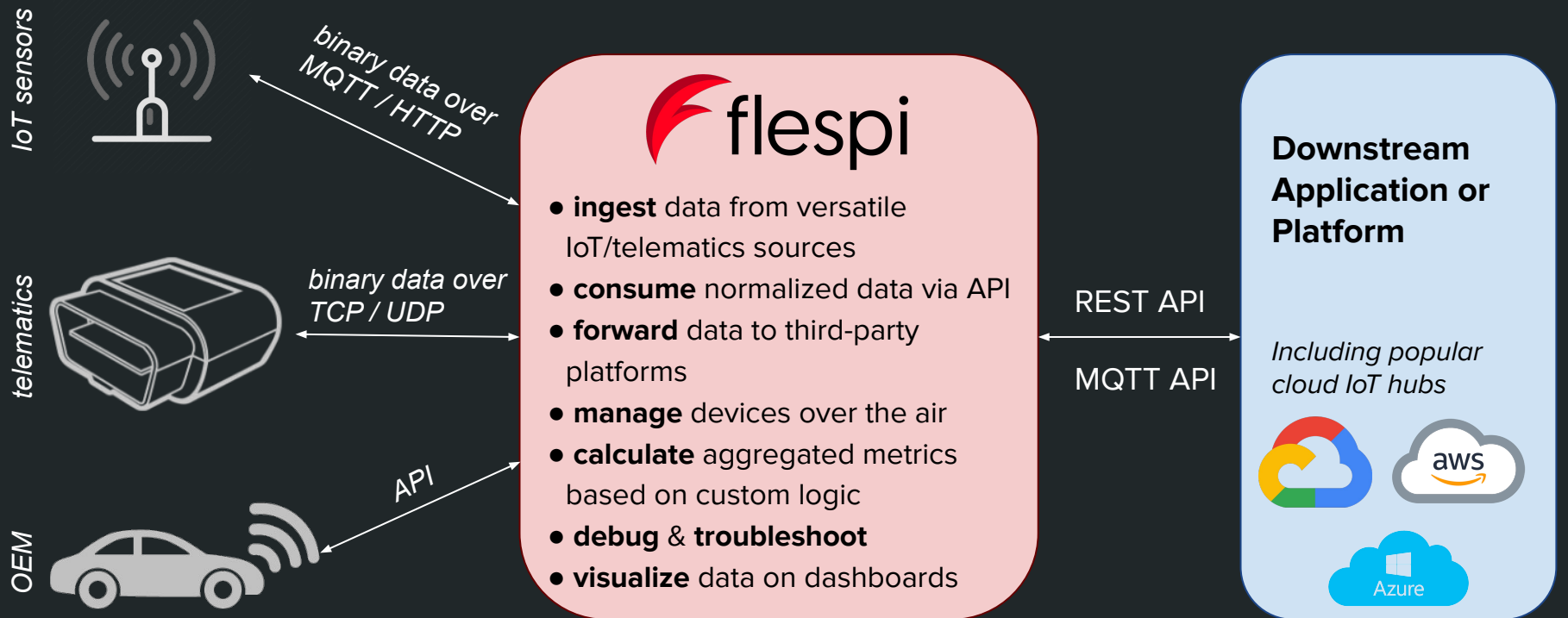
*...and beyond*

# who is flespi for?

*Hint: one of our slogans says “from developers to developers”.*

- **IoT solutions companies** to build and implement their offerings on top of flespi back-end
- **IoT / telematics hardware manufacturers** to offer API access to their device data
- **IoT integrators / consultants** to simplify the development and help their clients get to the market quicker
- **Companies** to integrate IoT/telematics into their business

# flespi concept



# sharing responsibility

- **flespi** receives and normalizes IoT/telematics data, stores it, applies real-time analytics, makes it available via REST or MQTT API
  
- **you** focus on devising the business logic and designing the customer experience



# Gateway

- Connect most popular IoT & telematics devices
  - 900+ device models supported
  - new devices supported upon request
- Collect data from OEM platforms (Scania, Volvo, Daimler, AEMP)
- Access the data from any third-party platforms (via REST or MQTT API)
- Integrate with ERPs
- Send the data to Google IoT, Amazon AWS or Microsoft Azure clouds

# Data transformation

- Plugins provide endless possibilities to enrich the received device messages:
    - Remove unnecessary parameters
    - Add extra parameters
    - Use geocoding
    - Add LBS data
    - Apply custom parsing logic
    - and a lot more
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# Real-time analytics

- 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
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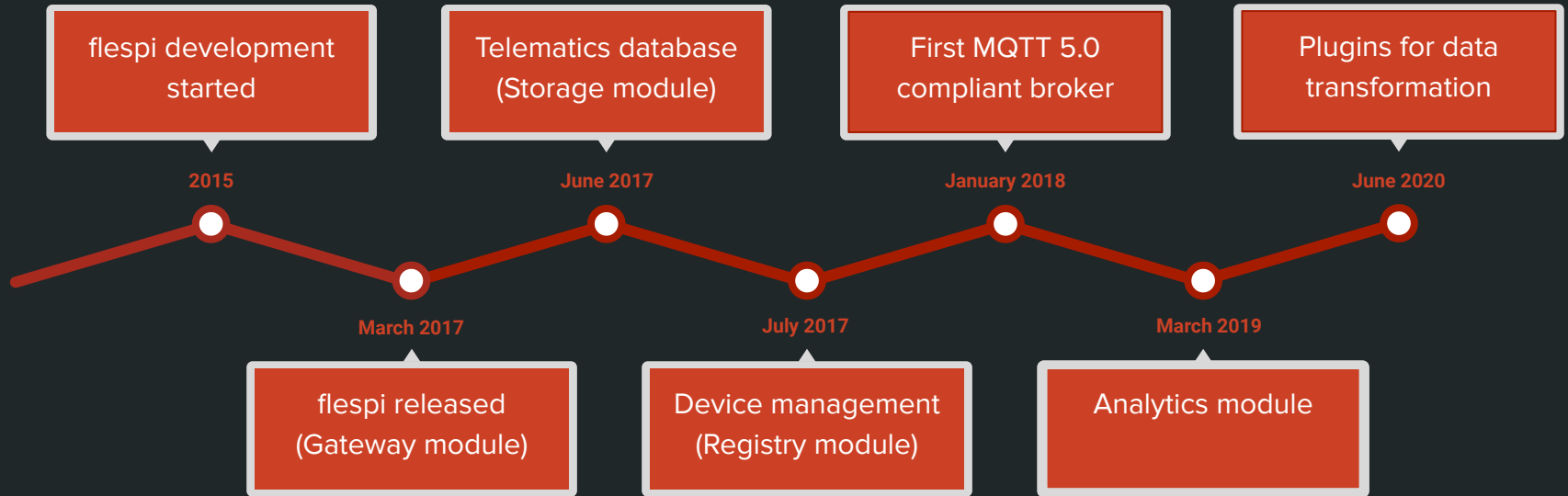
# Device management

- Configure different types of IoT/telematics devices in the same generic interface
  - Perform bulk setting updates via API or from the GUI
  - Send commands via SMS
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# Time-series database

- Store device data for up to 10 years
  - Fetch up to 100,000 messages per second
  - Never worry about data integrity with superior replication mechanism
  - Use storage API in your apps for easy integration
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# flespi timeline



why trust us?

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# 19

**years of experience in telematics & IoT**

# flespi principles

- **R&D lab**
  - We are inventing technologies and making them easy for you to integrate
- **All in-house**
  - We know every byte of the software and own all the mistakes
- **SWAT team**
  - Everyone of us is involved in programming, consulting, sales, and copywriting
- **Open**
  - We love sharing experience and contributing to the open-source community
- **Horizontal**
  - Minimal hierarchy stimulates personal responsibility and favors quicker results

# Uptime

**99.995%** in 2018

**99.96%** in 2019

**99.98%** in EU and **100%** in RU datacenters in 2020

**99.999%** in BOTH (EU and RU) datacenters in 2021

*with almost daily platform upgrades*

# flespi architectural features

- **Cloud (Platform-as-a-Service)**
  - Available from everywhere and always up-to-date
- **Own time-series database system**
  - Optimized for telematics and IoT data
- **Protocol virtual machine**
  - Universal protocol description technology
- **Platform health check every minute**
  - A comprehensive availability control system detects the tiniest issues
- **Powerful debugging tools**
  - Efficient troubleshooting at every step of the process



what's it worth?

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# flespi pricing

## Free

- Forever
- For testing and development
- Up to 10 connected devices
- No functionality limits

## Commercial

- Starting at €100/mo
- For large-scale projects
- 1000+ connected devices
- Official SLA
- Priority support
- Developer's time

# ultimate benefits

- Accelerated development process
- Reduced development costs
- Smooth integration with any third-party platforms
- High Availability architecture
- No need for backend maintenance and protocols actualization
- Consulting by the industry leaders
- Pay-as-you-use pricing policy

# what do you end up with?

- Your **custom** fleet management, GPS monitoring or niche **solution**
  - You devise and design the front-end and the business logic
- Easy **integration** of your IoT/telematics data into any platforms and ERPs
  - You pick the most convenient way to deliver the data
- A flexible **data aggregation** hub for your telematics or IoT infrastructure
  - You knit the relations between devices and platforms in the intended fashion
- A **pioneer** project in any industry and on any market
  - You utilize the technologies we offer in the ways never seen before

# contact us

Learn more at [flespi.com](https://flespi.com)

Tell us about your project at [info@flespi.com](mailto:info@flespi.com)



We've got your back**end**

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