Sigfox 0G Network

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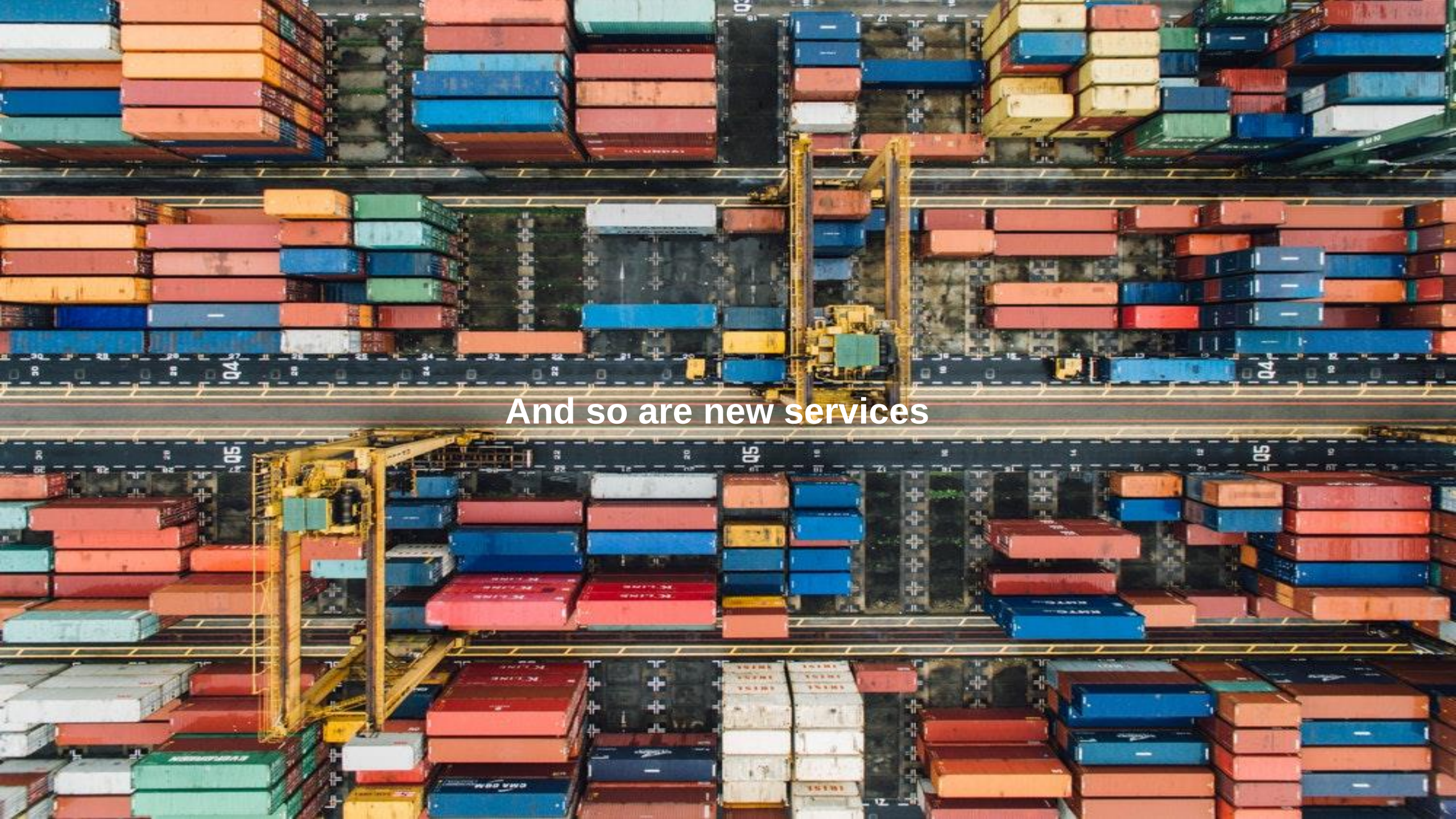
Reducing costs, losses are critical to large corporations and industries success


And so are new services

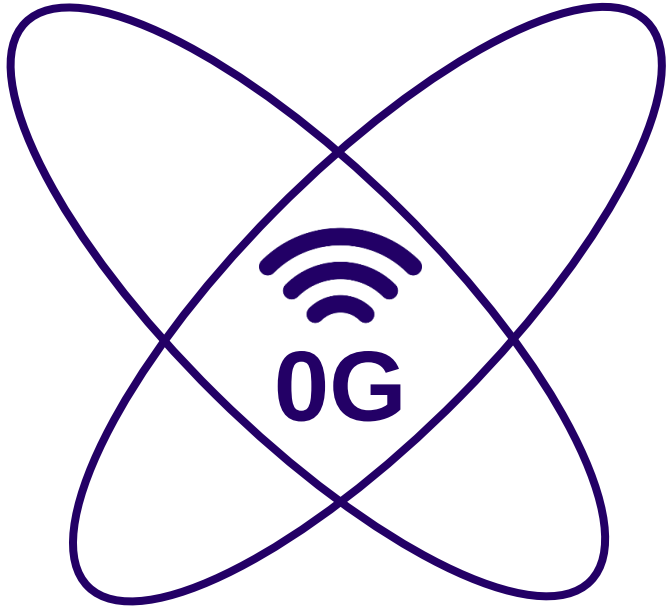
Each corner of the planet shall be reachable

We launched Sigfox in 2010 to connect any object surrounding us
with 3 pillars…
Low overall TCO
low energy
global
…which are key characteristics of Sigfox 0G network

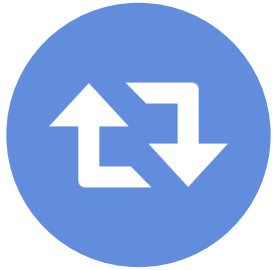
Other key characteristics that make Sigfox 0G unique

Anti-jamming

Fallback mode



Security enhancement



Simplicity

We bring value to our customers enabling business transformation to…

Increase operational efficiency

Create new revenue streams

…for all their use cases

Assets management and tracking

Freight monitoring

Smart building management

Office management

Smart metering

Infrastructure monitoring

Preventive maintenance

Customer satisfaction

Security

Stolen vehicle recovery

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Track automotive packaging to optimize logistic loop & usage

Manufacturer

BENEFITS

COST OF HANDLING

Reduce handling error

UTILISATION

Increase container availability

LOST

Reduce packaging loss per year

Indoor air quality monitoring

Problem solved

Improve the air quality

Solution

Monitor the CO2 level, its ambient temperature and the ambient relative humidity.

Benefits

- Regulatory compliance for buildings (public or private school, nursery, …)
- Improve employees working conditions and efficiency
- Better management of heating and ventilation systems

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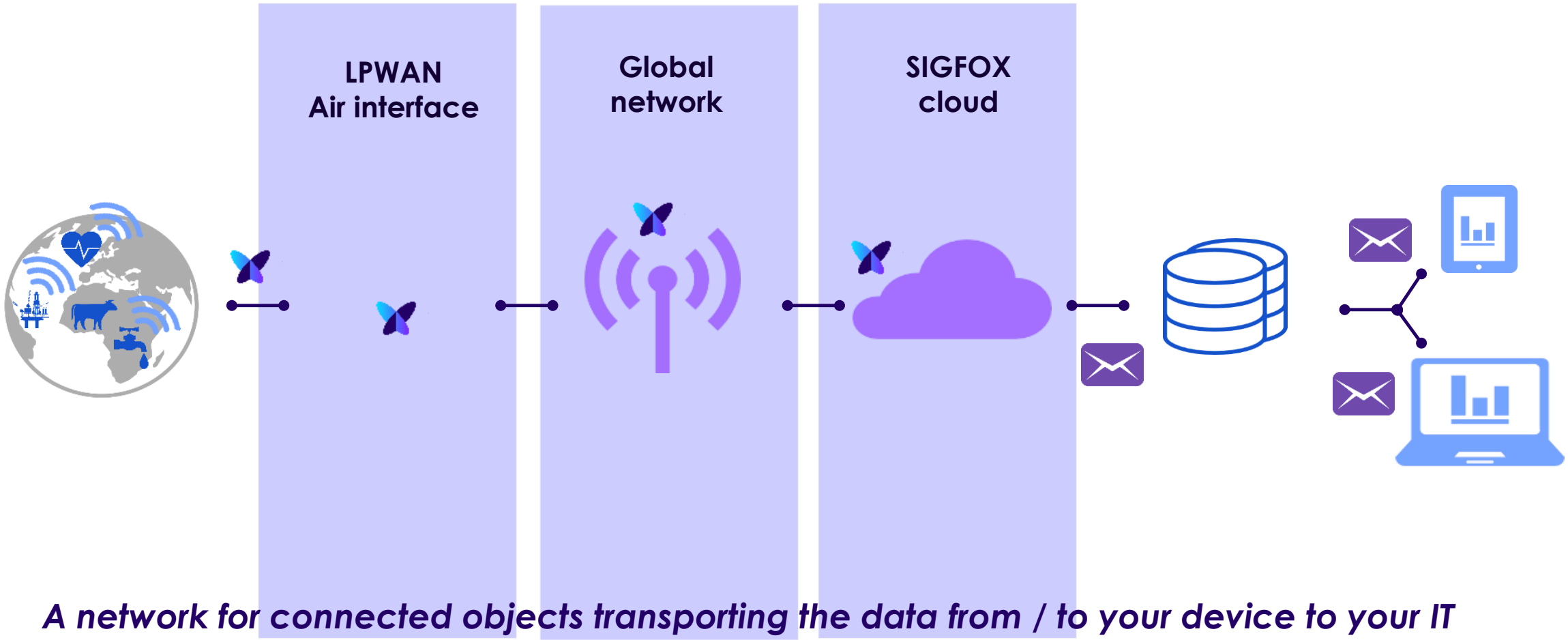
What we provide



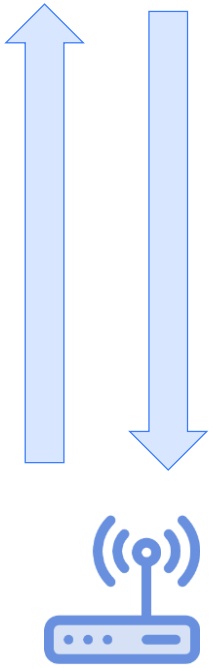
A network for connected objects transporting the data from / to your device to your IT systems

Small Messages

UPLINK
12-Byte payload

- Sensor data
- Event status
- GPS fix
- Application data

1 % duty cycle for Objects
Up to 6 messages/hour



DOWNLINK
8-Byte payload

- Action / actuator trigger
- Device management
- Application parameter setting

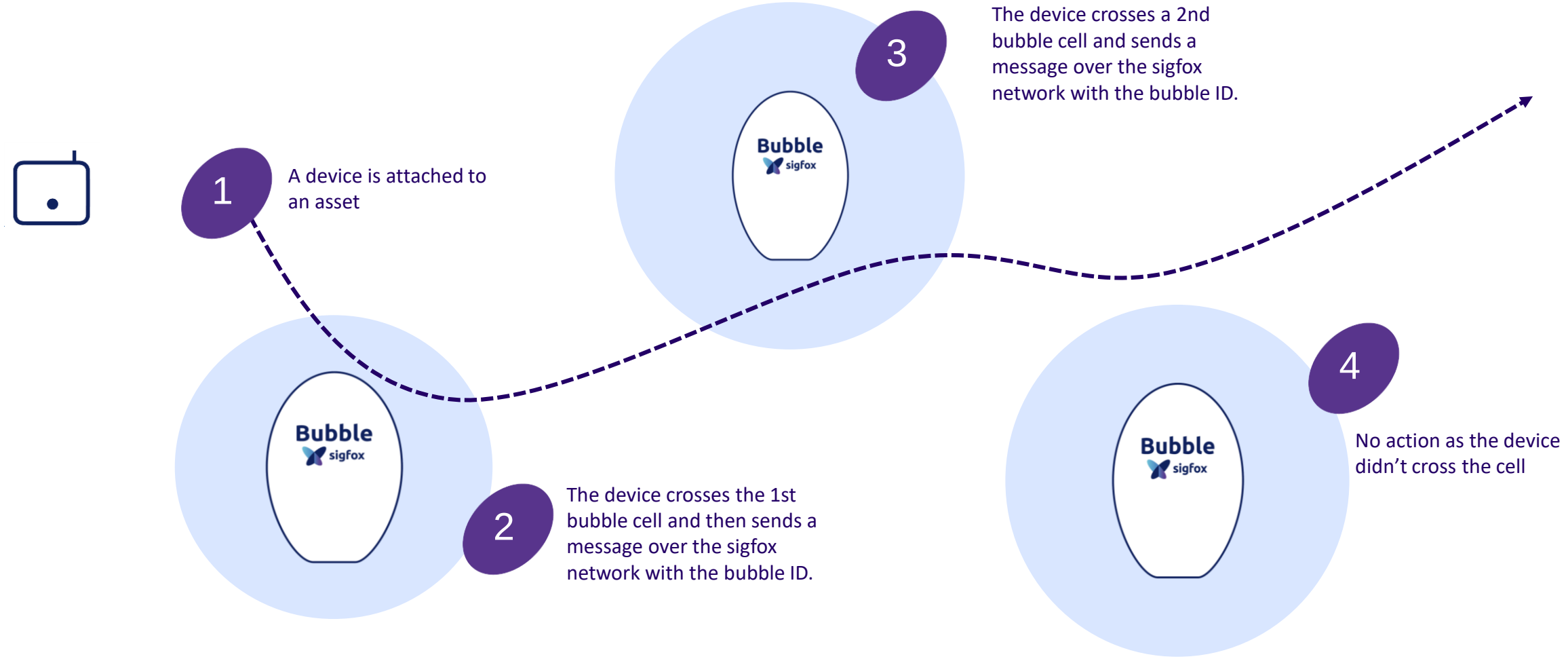
10 % duty cycle for Base Stations
4 guaranteed downlink msg/day

Sigfox is not only about connectivity…

…it’s also :

- ☑ Monarch, enabling nomadic devices to travel the world
- ☑ A partnership with Eutelsat to enable IoT with satellites
- ☑ Partnership or joint ventures with companies such as Michelin
- ☑ A beaconing solution
- ☑ Consultancy services to support you from use case definition to industrialization

The Bubble, Sigfox beaconing solution



Bubble IDs are mapped to geo coordinates in the Sigfox Bubble cloud enabling the geolocation of the device

CONFIDENTIAL

Implementing IoT into your business is…

All about

- core business processes.
- mastering the RoI
- business transformation

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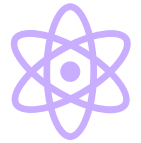
We help our customers thinking IoT

Transforming a business Idea

Into a complete usecase definition

Matching RoI



IOT Day

Framing
Solution
Design

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… integrating IoT

Proof of value integrating operationnal process

Design to cost HW

Tailored Logic

Test & Learn (POC / POV)

Platform & Apps

Performance Improvement & Assistance

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… building IoT

Making the device

Right what is needed

Ready to scale

Design & Industrialisation

Screening Sourcing Partnership

Sales & Delivery

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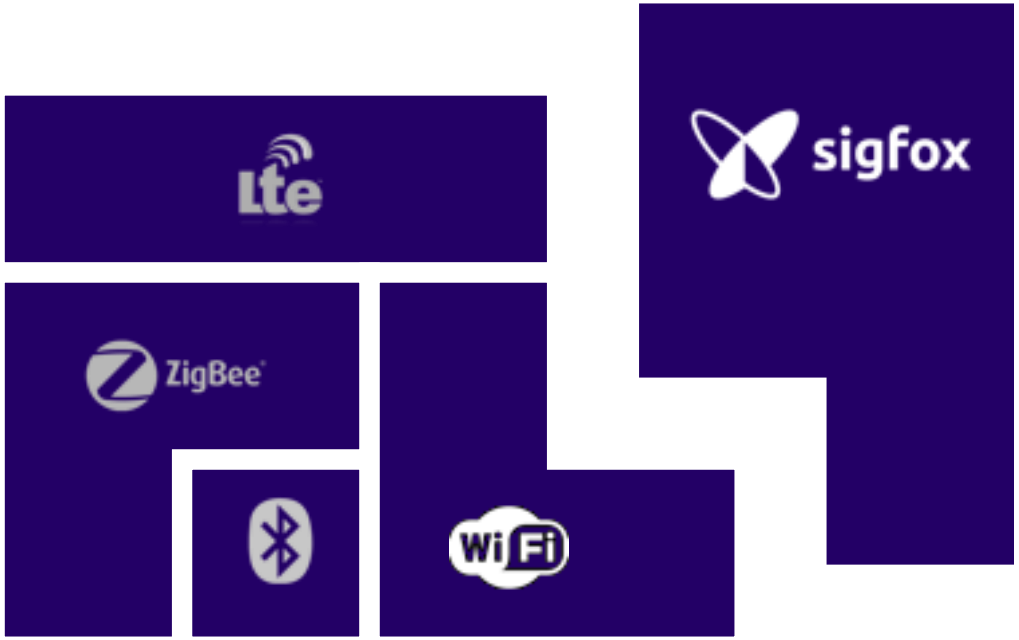
… connecting IoT



Complements other Connectivity Technologies

The use case dictates the technology/ies to be used

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Useful links

Sigfox.com for general and coverage information

Partners.sigfox.com for existing solutions ranging from RF modules to application platforms

Resources.sigfox.com to access useful documentation and ask questions

Build.sigfox.com a guide for building a device from design to industrialization

Aitäh

شكرا

Děkuji

Obrigado

谢谢

Merci

Tack

Hvala

Gracias

Terima kasih

Thank you

Danke

ありがとう

Grazie

با تشکر از شما

Dankjewel

Dankie

고맙습니다

Tak

Kiitos

Nirringrazzjak

ขอบคุณ

Go raibh maith agat

Teşekkür ederim

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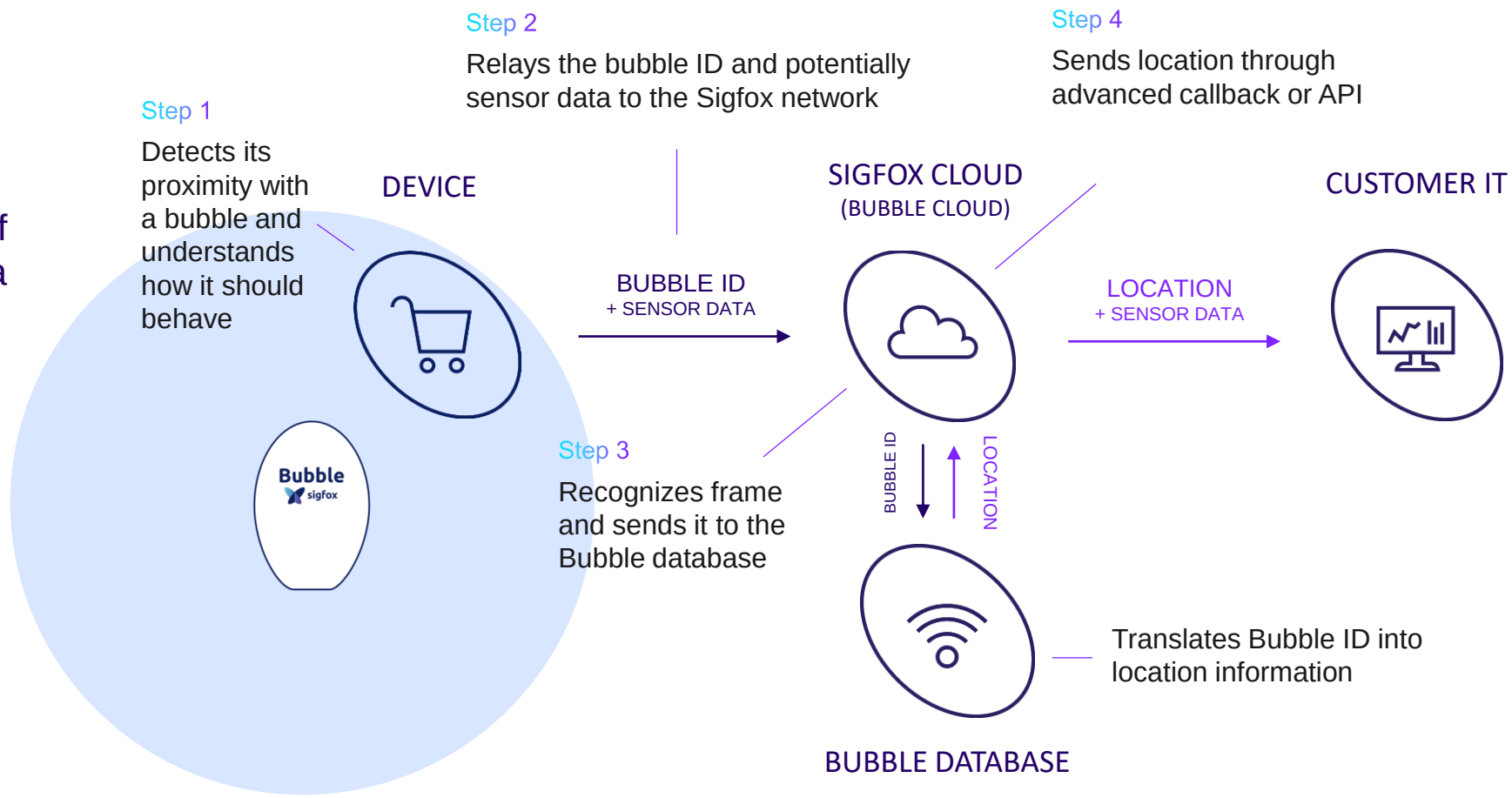
Bubble

Proximity detection relying on the Bubble, the Sigfox beaconing solution

- Location service based on the proximity detection of a nearby Bubble by a Sigfox device.
- Very high accuracy (below 10m, configurable) in both indoor and outdoor (close to buildings) environments.