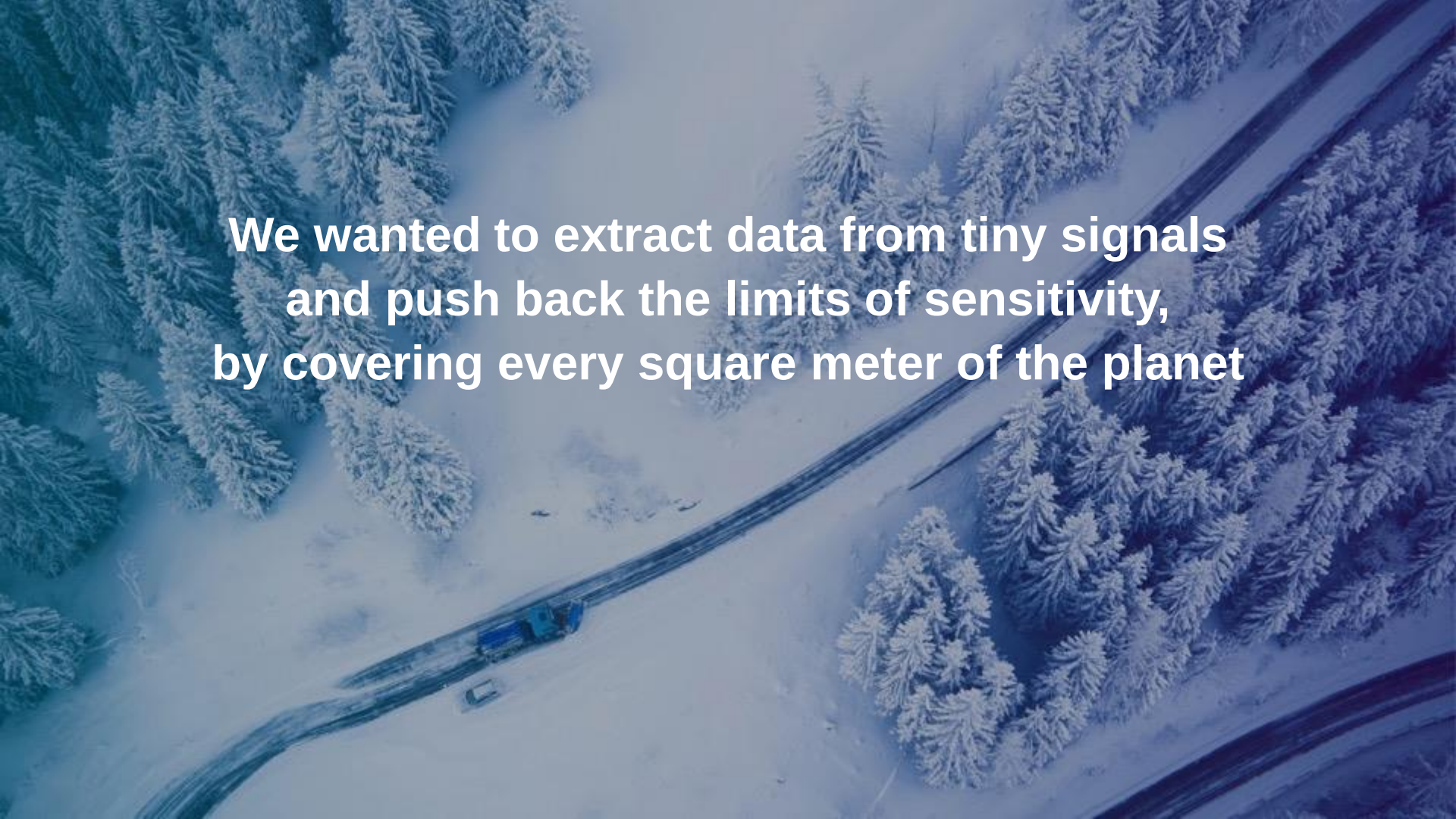
A brief introduction to

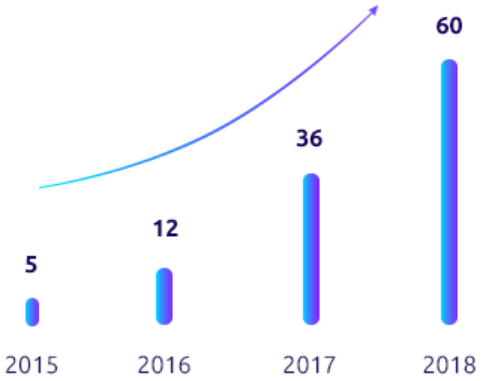
sigfox


We launched Sigfox in 2010
to connect any object surrounding us in our daily life,
to get them digitized in the cloud


We wanted to extract data from tiny signals
and push back the limits of sensitivity,
by covering every square meter of the planet

Today present in 36 countries

Scheduled to double the amount in 2018



Currently covering 660 million people

More than tripled the amount in just 2 years

17 countries covered nationwide

- Belgium
- Czech Republic
- Denmark
- France
- Italy
- Ireland
- Luxembourg
- Malta
- Mauritius
- New Zealand
- Oman
- Portugal
- Singapore
- Slovakia
- Spain
- Taiwan
- The Netherlands

Currently spanning 2,6 million km²

Tripled the surface in just 2 years

September 2017

Global & Reliable

- One contract, One network
- Managed Network with high Quality of Service
- Highly resistant to interferences & jamming

Simple

- One central system: No pairing, no configuration
- No connection, No protocol: the only way to reach the simplest and most efficient link between objects and Internet

Overall TCO at lowest

- Device: Enabling the simplest, lowest cost radio chips
- Network: One central network
- Integration: comprehensive API and IoT platform provider

Low Energy

- Device in sleep mode most of the time
- Small messages (up to 12 bytes)
- Few messages per hour or day
- Smart cooperation between network and device

Sigfox: a Network at your Service

Creating connectivity **specifically** for devices.
Not the opposite.

sigfox

A network at your service: Services

Connexion

Admiral Blue

Core connection service
Low TCO
Simple, Reliable, Global

Admiral Ivory

Lowering TCO
Moving to disposable objects

Location

Atlas

GPS free
Location & accuracy

Cognition

Monarch

It just works.
It just happens.

sigfox

Admiral Blue

Admiral Ivory

Typical use cases	Asset tracking (containers, tools), machinery surveillance, water meter readings, logistics. Operational & Business critical activities.	Postal tracking, geo-marketing enhancement, inventory, supply management, integrity seals. Non-critical & operational purposes.
Connectivity need	Recurrent usage – Alert function or frequent data transfer.	Temporary or one-off usage – alert, event or human trigger.
Main device characteristics	Objects with a high quality of service in their transmission modules (went through the Sigfox ready certification).	Objects with low BOM (from 0.20€ to 5€) & very limited technological capabilities.
Device lifespan	Up to 12 years (ex. Water meters).	From one day to 3 years (depending on the power available).
Message capacity	Up to 140 per day (= one message every 10 minutes).	From 1 to a couple of hundreds of messages.
Message size	12 octets.	12 octets.
Power source	Low-consumption power source: batteries or other, adjusted to the lifespan of the device. Power consumption can also be predicted.	Batteries or an alternative power source for ultra-low consumption.
Remote management capabilities (downlink)	Yes.	No.
Security	Security based on standard crypto algorithms.	Adapted security.
Quality of Service and availability	High quality of service with Sigfox SLA. International coverage.	High quality of service. International coverage.
Complementarity with other technologies	Standalone or with Wi-Fi, Bluetooth, GSM, GPS.	None due to limited technological capabilities of the device.

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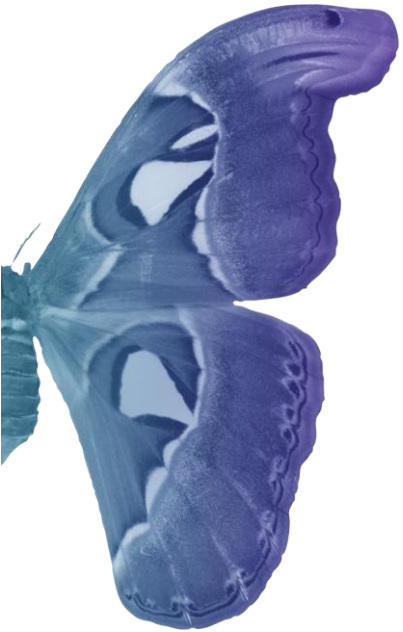
Atlas

Live



A variety of geolocation services to fit YOUR use case

Sigfox-only geolocation

Atlas

Global & less energy consuming.
Based on probabilistic algorithm.

Atlas POI (2018)

Machine learning running for higher precision on specific routes and POI (such as logistic nodes)

Sigfox + other technology geolocation

Atlas
Combined to your Wi-Fi

With Atlas, **improve** your geolocation **in indoor areas**

Atlas
Combined to your GPS

With Atlas, **improve** your WiFi-based geolocation **in rural areas**

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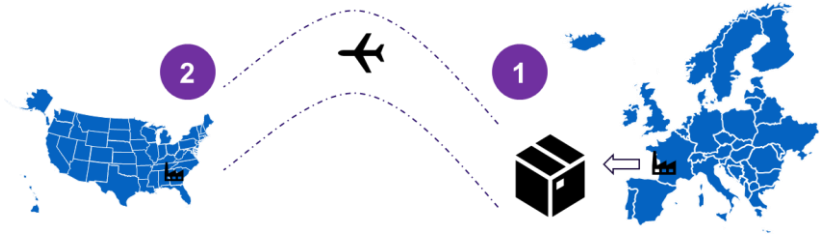
Monarch

2018

- **Enable a simple device to communicate on the Sigfox network whatever its location …**



- Special globe trotter module (Multiple RCZ) Selected Base stations (118 Point of Interest) broadcast RC beacon every 5 minutes
- Unique hardware SKU

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A network at your service: Sunrise

Buy

Live

Online purchasing platform

Buy your subscription in 3 clicks with a payment card

Build

Live

Online platform to ease device maker journey

From design to certification

Knowledge transfer

Faster, quicker to get a device

Partners

Live

Find out all solutions deployed

Key partners from design houses to device maker, and solution providers

Matching companies to deliver best in class massive IoT solutions

Sens'it

Q1 2018

Test & Learn

Open up Hardware Software (2018)

A perfect tool to experiment and deploy your application

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IoT is not about the hardware.
It’s not even about the data.
It’s about the end service.

They use Sigfox

Bringing value to our customers…

Improving business efficiency
& transforming business processes

Cost Reduction

examples: predictive maintenance, better asset utilization, higher productivity

&

Generating new opportunities
& enabling new business models

Value Creation

examples: HVAC-as-a-service thanks to remote monitoring

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… for all their use cases

Stolen vehicle recovery

Customer satisfaction

Infra monitoring

Smart home

Connected boiler

Freight monitoring

Sewage monitoring

Security as a backup

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simple. reliable. global.

www.sigfox.com