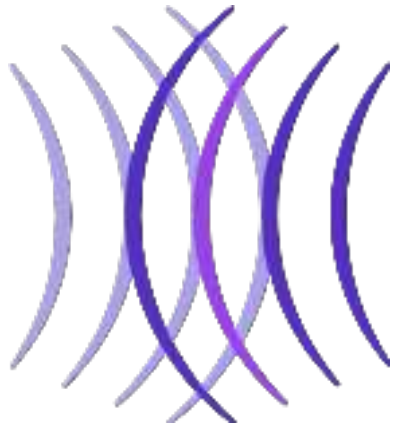


Have no fear



is here

Netnod 2018-03-14



IoT SWEDEN

Making things come alive

Kalle Eneroth – Chief Technology Officer





sigfox

Make Things Come Alive

A world map with several regions highlighted in cyan. These regions include Alaska, California, Texas, Florida, Brazil, Argentina, Chile, Australia, and parts of Europe and Asia. A circular inset highlights a portion of Europe. The text 'The Worlds Largest IoT Operator' is overlaid on the map.

The Worlds
Largest
IoT Operator





Swedens
Largest
IoT Operator



Coverage

60%

And growing...

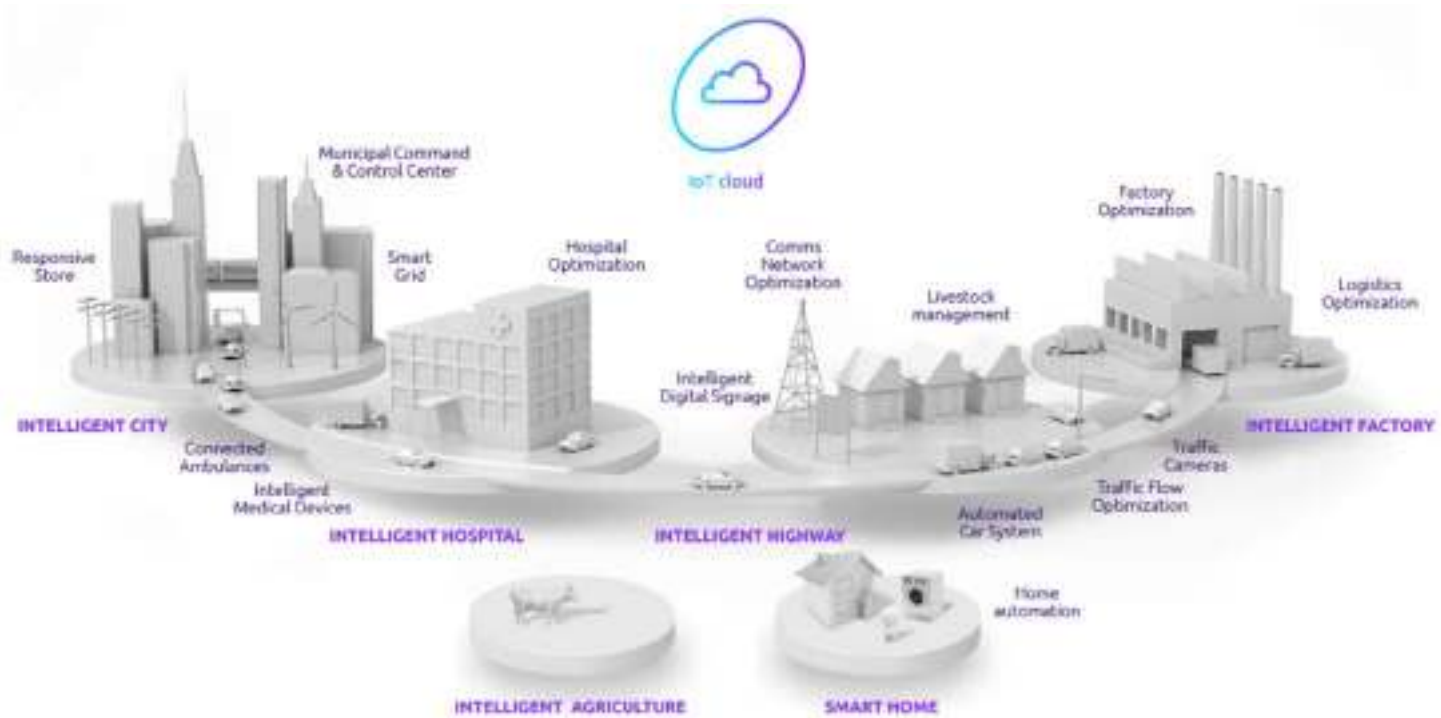
A world map with several regions highlighted in cyan, including Alaska, the western and central US, Mexico, South America, Europe, and Australia. A large, semi-transparent grey circle is overlaid on the map, containing a purple butterfly icon. The text '99.5%' is written in a large, dark blue font across the center of the map.

99.5%

Availability



IoT impacts industry, business & individuals



Yet the opportunities make it inevitable: to put innovation at the heart of your business

Cost reductions

Value creation

Optimize costs on existing processes



Asset management

Create new services or business models that will generate value

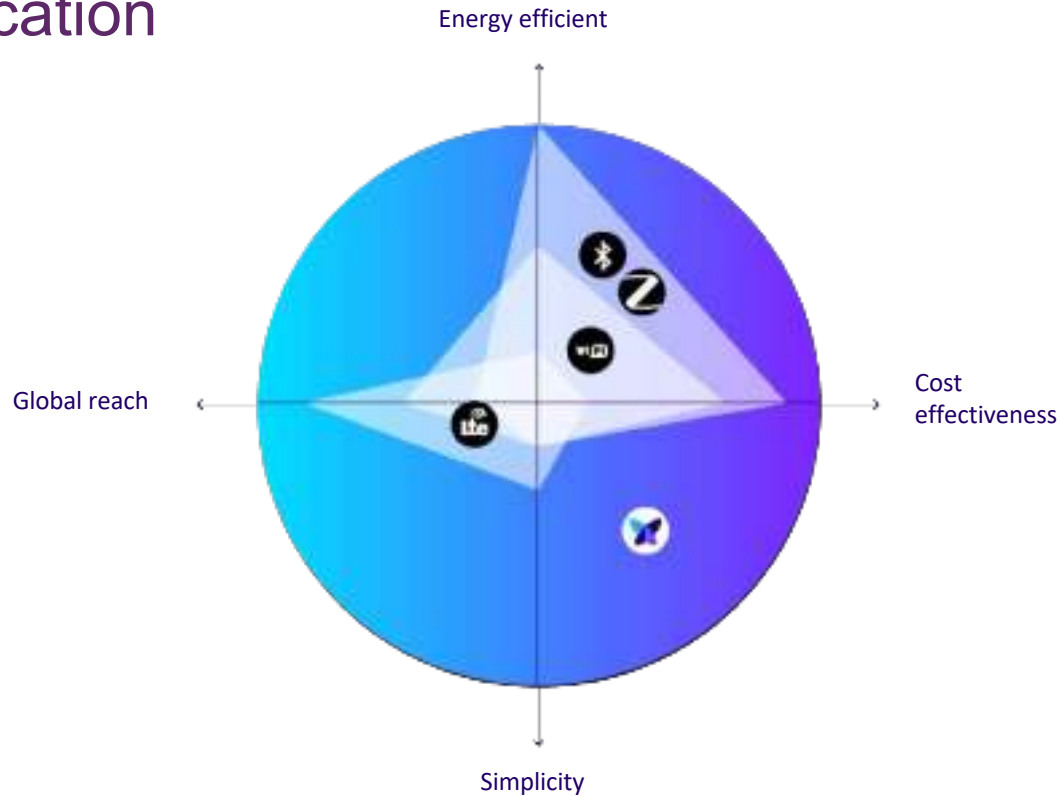


Irrigation management

LPWAN complements existing networks to address the bulk of the IoT



To take us there,
the IoT requires
new communication
networks



Sigfox is the first global service provider addressing the specific requirements of the IoT



Whatever your industry, LPWAN helps you address the IoT significant market potential

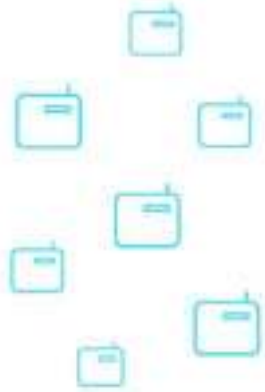


Source: Machina Research (December 2015)
LPWA connections as a % of total IoT connected devices estimated in 2024

Sigfox makes the IoT revolution happens



The Sigfox Solution



Small messages :

12 bytes Uplink
8 bytes Downlink



2-way data transport



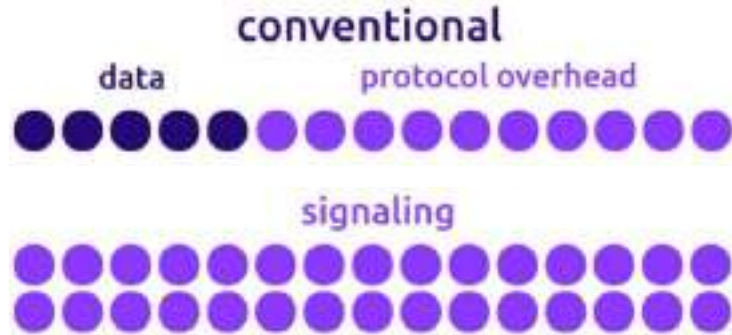
service optimized for IoT applications



Few messages :

up to 140 per day

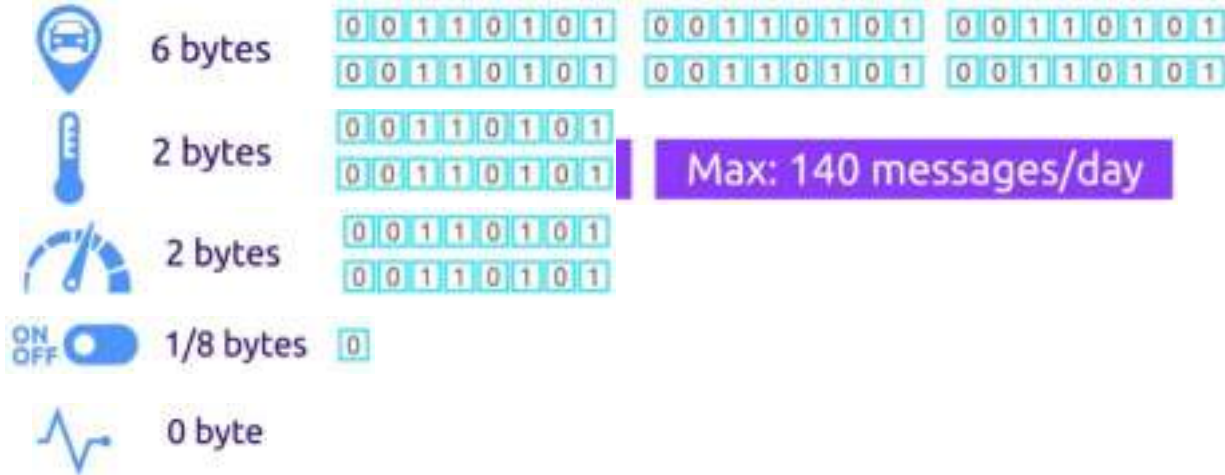
Lightweight protocol for small messages



lighter protocol frame size
less data to send
less energy needed

increased battery life
higher network capacity

Message types



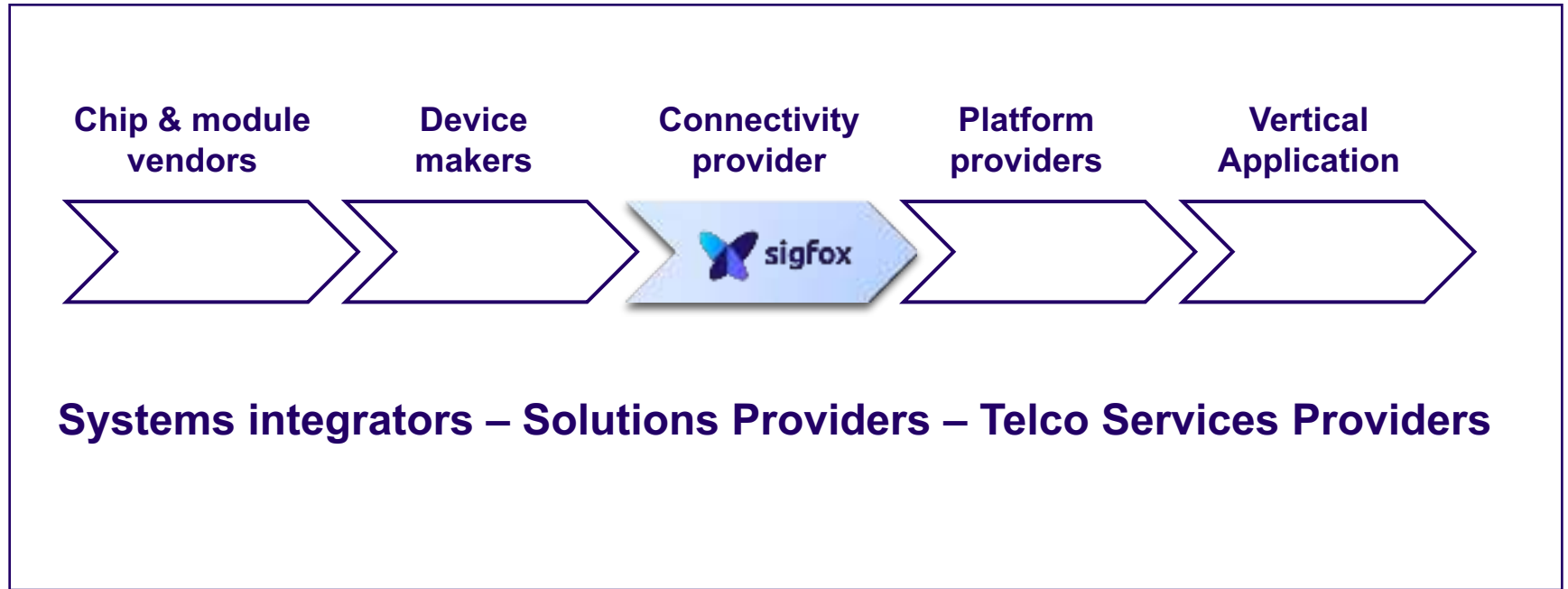
Message types

0 > 12 bytes

Max: 140 messages/day



Who is in our ecosystem?



The ecosystem

Chipsets and modules



IoT platforms



Devices and solutions







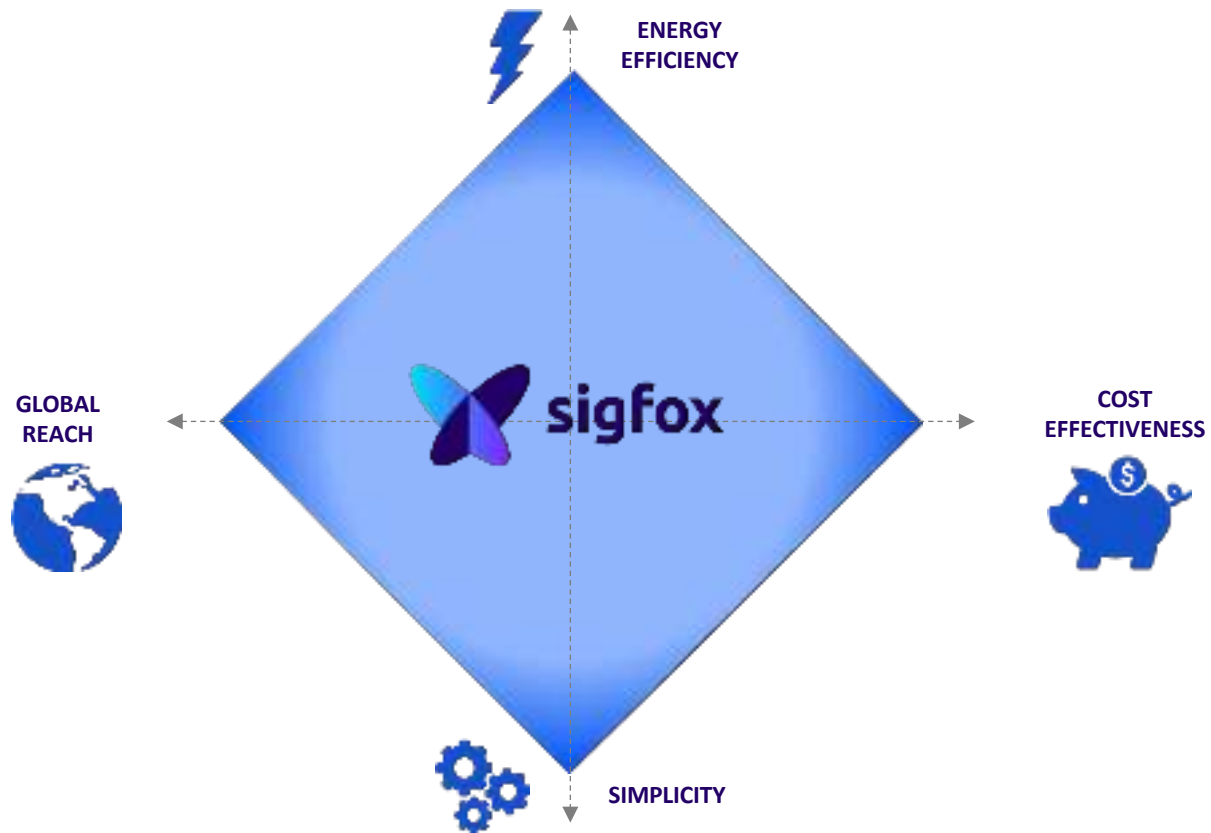


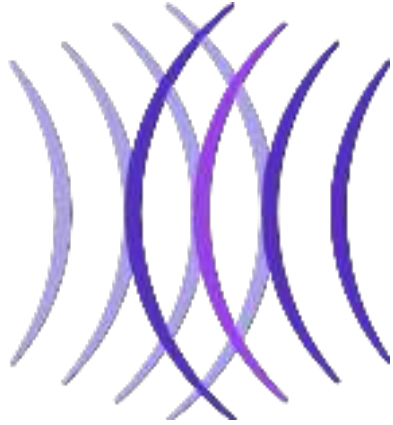












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Making things come alive