

# u-blox Services Overview

MAY 2021

Product Strategy Services

C1 - Public

# We provide a comprehensive “one-stop-shop” solution



Positioning and wireless communication technology bring things to the cloud

## From the customer’s perspective:

- A seamlessly integrated bundle of technologies leads to faster time to market
- Execution risk greatly reduced when working closely with one competent supplier
- Customer may be unable to create the desired solution on their own when dealing with several suppliers
- u-blox can deliver the desired combination of hardware components and services, and ensure that it will cooperate seamlessly
- **No other provider has this capability**

## U-blox solutions comprised of chipsets, modules and data services



### Services

To enhance and complement location, connectivity and security.



### Positioning

To locate the source of information



### Cellular connectivity

To connect over a wide area



### Short range connectivity

To connect over short distances

# Services overview



We make wireless and location easy

We deliver leading wireless technology to reliably locate and connect people and devices. We are forging a path in which our services can be combined with products to enhance functionality, improve quality of service in challenging conditions, and solve the problems of complexity, cost, and availability.



**IoT Communication-as-a-Service** combines true global connectivity with a fixed-price global MQTT network that works seamlessly in 190 countries.



**IoT Location-as-a-Service** set the standard for reliable and fast location information as well as accurate assistance and augmentation data.

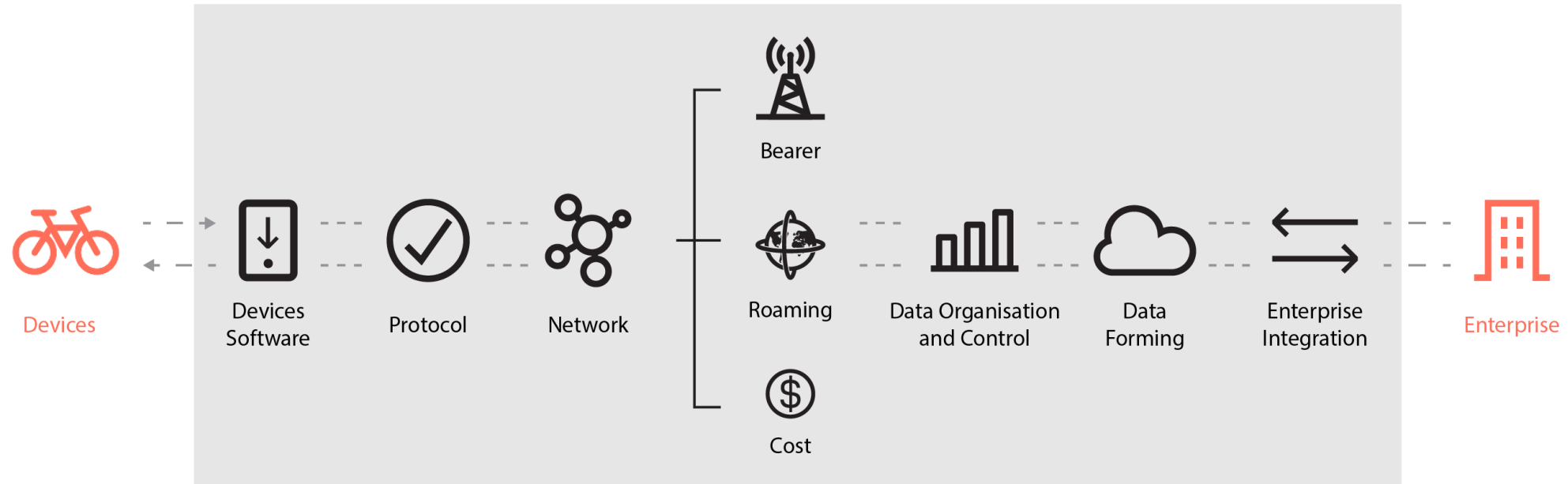


**IoT Security-as-a-Service** protect your business and your data, with safety as a core value, through a world-class scalable symmetric key management system.

# IoT Communication-as-a-Service



We solve the problems of complexity, cost and availability



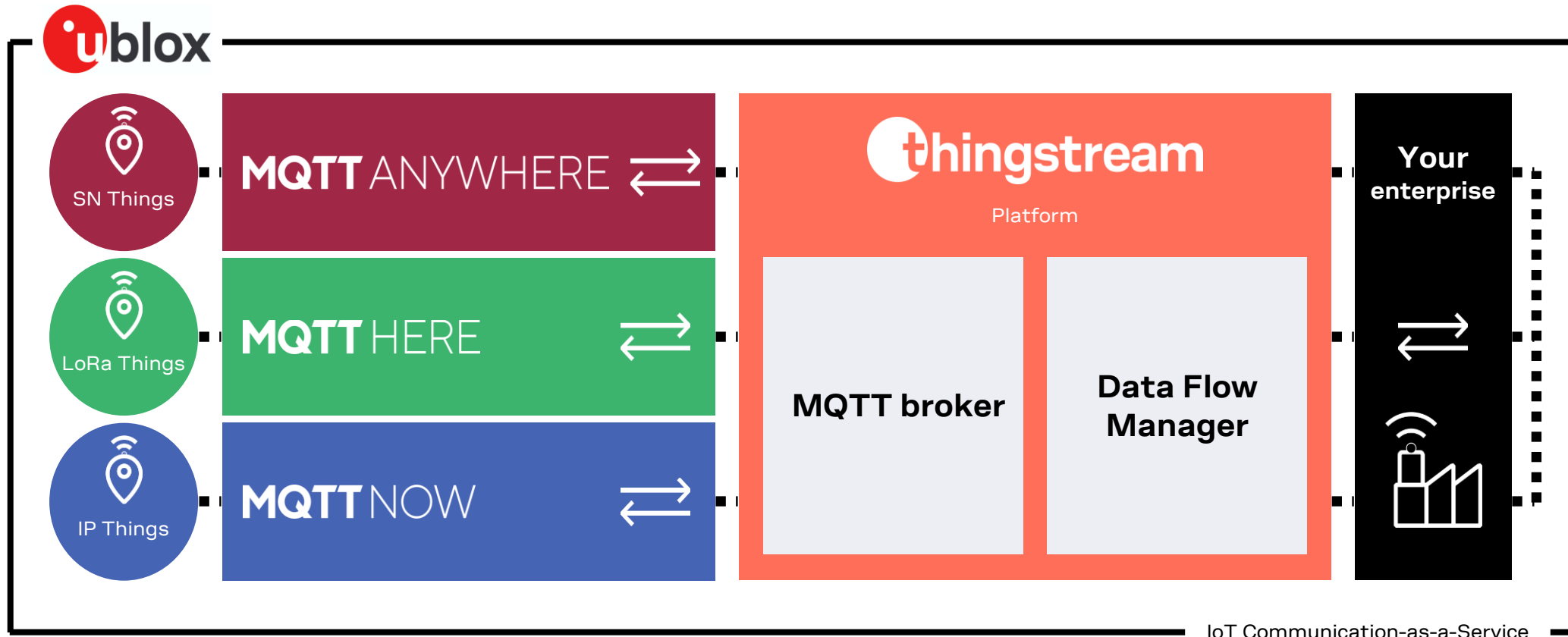
The complexity of IoT Connectivity solved by a comprehensive end-to-end solution based on the industry standard MQTT, with our globally available network that works in 190 countries.

Simplifying cost of ownership by offering a product “as-a-Service” at predictable cost with on-demand scalability.

# IoT Communication-as-a-Service

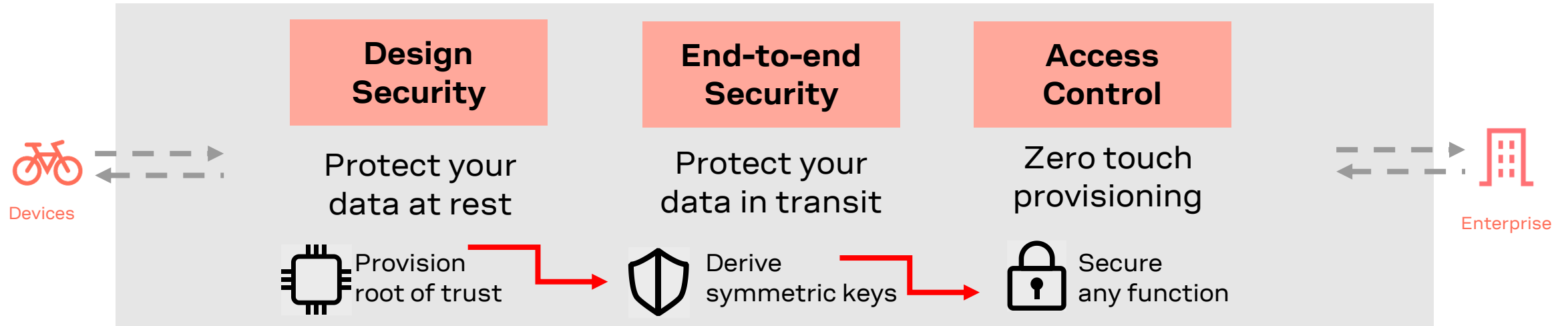


Getting data from IoT devices anywhere in the world to the enterprise is simplified through the availability of three complimentary products:



# IoT Security-as-a-Service

Out-of-the-box protection for LPWA constrained devices



Data is the main asset of your business. Encrypting and transferring data in IoT settings requires complex and expensive solutions that involve millions of devices.

Our out-of-the-box solution vastly simplifies data protection for IoT devices, accelerating the go-to-market and safeguarding your business, while reducing data usage, power consumption and cost.

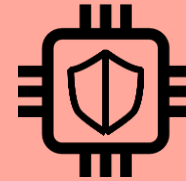
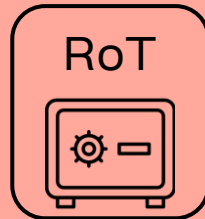
# IoT Security-as-a-Service



Protect your IoT device and your sensitive data for the entire lifetime leveraging the u-blox toolbox optimized for the LPWA devices:

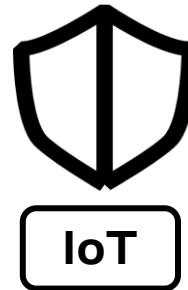
## Foundation Security

A unique and immutable device identity and robust root of trust are the foundation of IoT Security



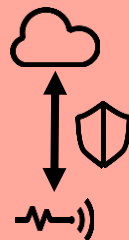
## Design Security

Guard sensitive information on your device without the need of a specialized trusted chip



## End-to-end Security

Ensure the real end-to-end privacy, integrity and authenticity of your data in transit from silicon to cloud



## Access control

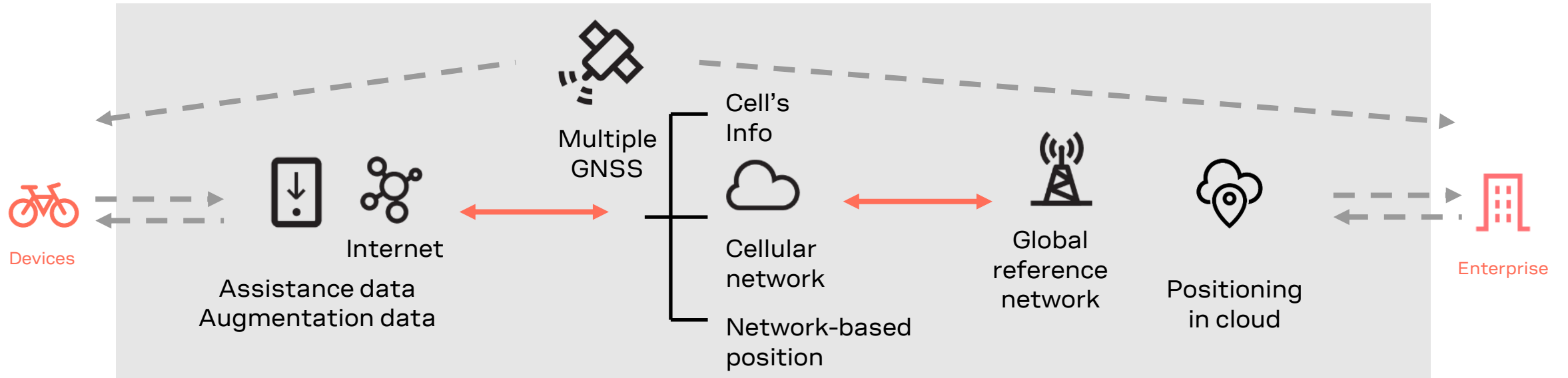
Out-of-the-box, simple, secure and cost-effective device on boarding in the leading IoT cloud platforms



# IoT Location-as-a-Service



Enhanced positioning for speed, redundancy, and accuracy



Accelerate GNSS performance using our real-time online A-GNSS service, with assured global availability. We set the standard for reliable delivery of augmentation data at sub-10cm accuracy

Enable years of power autonomy by getting location data where you need it, in the cloud enterprise. Virtually eliminate the 'no fix' scenario by leveraging network-based positioning



# IoT Location-as-a-Service

Reliable, fast positioning and accurate assistance services



**AssistNow** is u-blox's end-to-end A-GNSS location service that provides data in real time as well as predicted data and the two can either be used alone or in combination. Accelerate GNSS performance and lower power consumption. Integration is easy



**CellLocate** provides a best-in-class mobile network-based location service with global availability. This end-to-end solution is proven, scalable, and ready to virtually eliminate any “no position scenario”



**CloudLocate** delivers cloud-based-positioning to extend the life of energy-constrained IoT applications up to 10x vs standard GNSS power-saving approaches



**Thank you  
for your attention**