



Product summary

IoT Communication as-a-Service

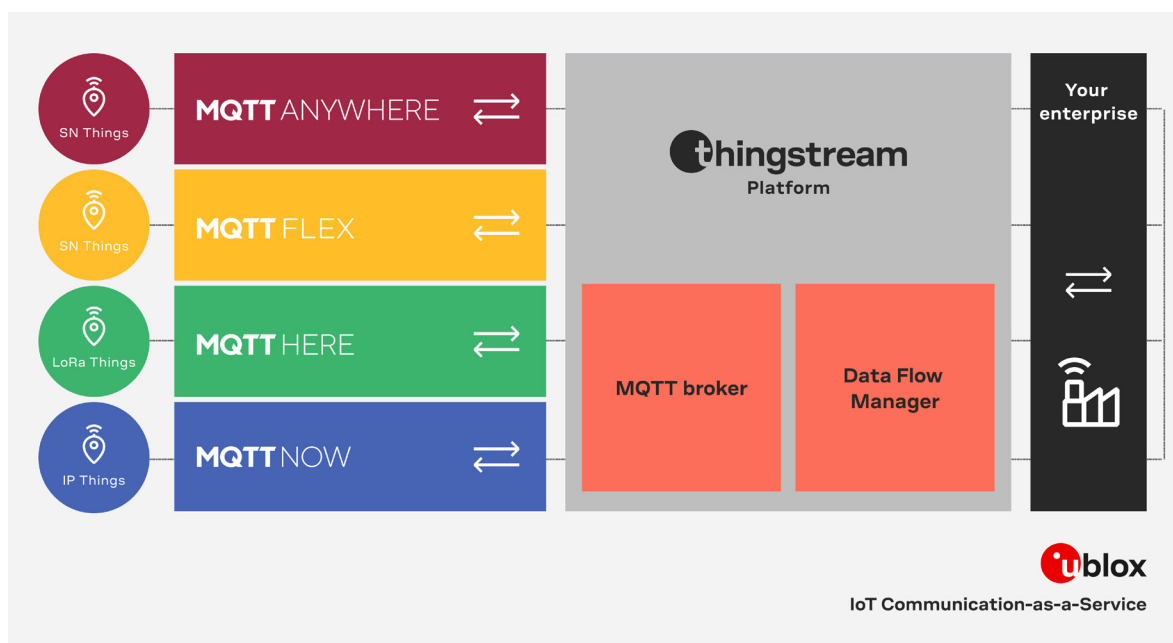
Ultra-low-power MQTT data between device and enterprise

Enables long-life, ultra-low-power IoT devices via the MQTT protocol

- Provides predictable cost and on-demand scalability for your solution
- Allows simple processing, transformation, and integration of messages into the enterprise
- Global availability for SIM-based LPWA, Lora WAN, and TCP-IP communication

Product description

Communication is so much more than connectivity. The complexity of IoT communication is solved by a comprehensive end-to-end solution based on the industry standard MQTT, with our globally available network that works in 190 countries. We simplify the cost of ownership by offering a product “as-a-Service” at predictable cost with on-demand scalability.



With IoT Communication-as-a-Service, getting data between IoT devices anywhere in the world and the enterprise is simplified through the availability of four complementary products: MQTT Anywhere, MQTT Flex, MQTT Here, and MQTT Now.

These products are built on top of the foundation of our scalable, high-performance MQTT broker and powerful Data Flow Manager, allowing simple processing, transformation, and integration of messages into the enterprise.

MQTT is ideally suited to the Internet of Things

IoT devices and applications require a reliable, robust, and secure messaging protocol. That is where MQTT comes in. MQTT is an OASIS standard messaging protocol for the Internet of Things (IoT). It is designed as an extremely lightweight publish/subscribe messaging transport that is ideal for connecting remote devices with a small code footprint and minimal network bandwidth. (Source: <https://mqtt.org/>)



We provide IoT Communication-as-a-Service

MQTT Anywhere

SIM-based LPWA IoT communication



MQTT Anywhere is a SIM-based communication solution supporting 2G, 3G, LTE, and LTE-M. MQTT Anywhere can be used within any type of IoT device to send and receive MQTT-SN (MQTT for sensor networks) messages. It provides an ultra-low-power, secure IoT communication service operating across 600+ cellular carriers in 190 countries around the world.

MQTT Flex

MQTT communication with flexible connectivity



MQTT Flex complements and expands the reach of our MQTT Anywhere service by providing the flexibility to choose your own cellular connectivity, combined with the advantages of IoT Communication-as-a-Service. MQTT Flex overcomes the limitation of permanent roaming restrictions, enables use of NB-IoT, and opens up projects with local authority restrictions on connectivity.

MQTT Here

LoRaWAN IoT connectivity solution



MQTT Here is a LoRaWAN IoT communication solution that removes the complexity of harvesting data from IoT devices on a private LoRaWAN network and makes it easy to get the data into enterprise systems through the provision of scalable LoRaWAN Network Server components combined with our powerful Data Flow Manager. MQTT Here is available in a simple subscription model and offers out-of-the-box support for a range of popular LoRaWAN gateways and devices.

MQTT Now

Cloud-based MQTT integration for IP devices



MQTT Now offers cloud-based MQTT integration for IP devices. Providing a carrier-grade MQTT broker with unique data enrichment and management capability for enterprise IoT deployments. MQTT Now enables IoT devices that require TCP-IP communication.

Thingstream

The u-blox IoT service delivery platform

Thingstream is a cloud-based delivery platform and administration interface for enterprise IoT services. The Thingstream platform comprises IoT connectivity, security, and location services, enterprise-grade MQTT broker, visual programming, simple enterprise integration, with flexible pricing plans tailored to specific use cases and applications. The intuitive interface provides a self-serve environment from which users have autonomy to manage IoT device fleets, manage billing, monitor events, and have complete API control of functionality. Thingstream enables a frictionless business experience because it eliminates complexities and allows users to engage more efficiently and reduce time-to-market.

Thingstream features and benefits



Enterprise-grade:

Auto-scaling technology proven to support billions of messages



One-stop-solution:

Delivering all u-blox IoT communication, security, and location services



Simple enterprise integration:

Ready-made connectors into leading cloud platforms



Data flow manager:

Visual programming interface to easily process and transform data



Connect everything:

Easily connect and manage IoT devices, APIs, and online services



Flexible plans:

Simple contractless pay as you go pricing plans tailored to suit your needs

Further information

For contact information, see www.u-blox.com/contact-us.

Thingstream developer

<https://developer.thingstream.io/home>

Legal Notice:

u-blox reserves all rights to this document and the information contained herein. Products, names, logos and designs described herein may in whole or in part be subject to intellectual property rights. Reproduction, use, modification or disclosure to third parties of this document or any part thereof without the express permission of u-blox is strictly prohibited.

The information contained herein is provided "as is". No warranty of any kind, either express or implied, is made in relation to the accuracy, reliability, fitness for a particular purpose or content of this document. This document may be revised by u-blox at any time. For most recent documents, please visit www.u-blox.com. Copyright © 2021, u-blox AG