u-blox services product overview

Cloud services that help you overcome your positioning challenges and drive results

We make it simple to locate every thing

Stay connected to the people and things that matter most with positioning solutions that are smart, precise, reliable, and easy to use. Achieve greater positioning accuracy, lower power consumption and improved performance in challenging conditions. Locate what matters, anywhere and anytime, and solve the problems of complexity, cost, and availability by combining our services with your products.

High precision positioning

GNSS correction services for cm-level precision that are robust, secure, and scalable. Support of open standards makes your application easy to deploy and a demand-based subscription model minimizes operating costs.

Low power positioning

Cloud-based positioning and assisted GNSS solutions to maximize your IoT device performance. Deliver fast, accurate location fixes in challenging environments. Balance speed and accuracy, while reducing power consumption.

Our high precision positioning services

Achieve accurate and reliable precision with our augmentation and correction services, which enable precise and fast positioning. Many rapidly growing GNSS applications require centimeter-level positioning information, which cannot be achieved via hardware alone, even under good signal conditions. As a result, augmentation and correction services are becoming essential functions to deliver the required performance.

PointPerfect Flex™ obtains fast, cm-level positioning across continents with PPP-RTK correction data, compatible with a range of GNSS RTK hardware. Attain flexibility via open-standards and scalable usage-based pricing that fit your budget and business.

PointPerfect Live™ achieves superior regional performance for the most demanding applications on a highly reliable and dependable network. Receive IP-based, network RTK correction data on open standards with any GNSS RTK hardware.

PointPerfect Global™ delivers highly accurate positioning via IP or L-band with PPP-AR correction data, even in remote areas. Simplify device design together with the all-band u-blox X20 platform with built-in L-band support.

PointSafe™ enables you to achieve commercial scale with a proven solution already on the road today, consisting of an ISO 26262-certified safe correction service and safe on-board position engine software.

Our low power positioning services

Optimize the performance of your IoT device by reducing power consumption and time to position fix via GNSS assistance data and cloud-based, standard precision positioning solutions. Many IoT applications operate in constrained or challenging environments, but still require fast time-to-first fix and ultra-low power consumption. We provide easy-to-deploy solutions with flexible pricing models that increase positioning performance.

AssistNow Predictive Orbits™ improves your time to position fix and power efficiency in challenging IoT environments with free, predictive GNSS assistance data. It is compatible with all u-blox standard precision GNSS hardware.

AssistNow Live Orbits™ maximizes your time to position fix, accuracy, and power efficiency in the most challenging IoT environments with premium, real-time GNSS assistance data. It is compatible with all u-blox standard precision GNSS hardware.

CloudTrack™ is a one-stop solution that simplifies your IoT deployment by combining ultra-low power positioning and global cellular connectivity. It is compatible with all u-blox standard precision GNSS hardware and any cellular module, regardless of brand.

CloudLocate™ extends the battery life of your IoT device by off-loading GNSS, Wi-Fi and Cell ID positioning calculations to the cloud, using 10% power of a standalone GNSS fix. It is compatible with u-blox standard precision GNSS hardware and any low bandwidth connectivity.

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Effortless IoT management, from design to development with Thingstream

Streamline onboarding and management of your IoT devices with the Thingstream cloud platform, u-blox's service delivery platform. Take the complexity out of device management and move easily from design to production. Our flexible pricing plans are tailored to a wide variety of high and low volume use cases. Get started right away with an intuitive user interface that provides a self-serve environment from which you can directly manage your IoT device fleet, including billing, event monitoring, and complete API control of functionality.
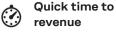
Thingstream features and benefits

	Enterprise-grade reliability	Auto-scaling technology handles billions of messages with ease
	All-in-one solution	Access all u-blox location services in a single solution
	Intuitive data flow manager	Visual programming interface simplifies data processing and transformation
	Smooth enterprise integration	Quickly deploy with pre-built connectors for leading cloud platforms
	Effortless, secure onboarding	Simplify manufacturing with automated zero touch provisioning
	Easy device management	Manage IoT devices, APIs, and services in one place
	Flexible, transparent pricing	Pay-as-you-go price plans tailored to your use case

Learn more about the Thingstream platform at www.u-blox.com/product/thingstream.

Your benefits of working with u-blox positioning services

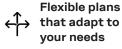|		
	Expertise and support you can trust	• Leverage 25+ years of positioning expertise – so you can focus on bringing innovative products to market • Resolve technical challenges quickly with excellent world-wide support
	Quick time to revenue	• Easily go from design to production with our scalable self-service platform • Accelerate development with a diverse ecosystem of out-of-the box partner products
	Quality you can rely on	• Simplify operations working with one global positioning service provider • Industry-leading uptime means your product always performs • Meet your customers' expectations with guaranteed performance and Service Level Agreements
	Comprehensive, end-to-end solutions	• Solve your accuracy, availability and energy efficiency problems • Avoid setup and compatibility issues with our broad portfolio of GNSS chips, modules, and services, designed and tested together
	Flexible plans that adapt to your needs	• Manage your costs with a demand-based subscription model • Easily adjust subscriptions as your needs change – without long-term commitments

Further information

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

For more details, see **www.u-blox.com/iot-communication-service** and **www.u-blox.com/iot-location-service**.