RTK Premium

Premium Positioning

A multi-network RTK service for everyone, everywhere, anytime

Enable a continuous centimeter-level accuracy on your devices without needing a local base station

World's first redundancy approach
Experience unmatched service availability with a multi-network architecture that provides access to multiple independent correction engines within the same region.

Centimeter-level accuracy
Achieve instantaneous 1–2 cm precision in RTK fix mode.

Industry standards
Built on the RTCM format and NTRIP protocol, ensuring compatibility with any RTK receiver.

User-friendly management interface
Access your data, contracts, and session history through the Premium XYZ web portal.

Wide coverage
Use the service across multiple continents with a single set of credentials.

Use cases


Surveying / GIS


Machine Control


Agriculture


Robotics


Maritime


UAV

RTK Premium

Premium Positioning

A multi-network RTK service for everyone, everywhere, anytime

Technical specifications

Corrections engine	Network RTK, true virtual base
Positioning quality	Horizontal 1-2 cm (typ.) Vertical 2-3 cm (typ.)
Data rate	1 Hz
Data accessibility	Over Internet connection
Service availability	99,99%
Format	RTCM 3.2, RTCM 3.1
Protocol	NTRIP v1, NTRIP v2
Streamed GNSS signals	GPS (L1C/A, L1PY, L2C, L2P(Y), L5) Galileo (E1, E5a, E5b, E5 AltBoc, E6) Glonass (L1CA, L2CA, L2P, L3) BeiDou (B1I, B1C, B2a, B2I, B2b, B3I)
Coordinate reference frame	ETRS89 (ETRF2000) in Europe NAD83 in North America GDA2020 in Australia

XYZ portal core features

Live fleet management

RTK network selection

Sessions history

Contracts inventory

Reseller space

Product accessibility

Sales channels	Online or via local resellers
Subscription model	Short or long term Unlimited usage or credit-based
Contract management	Via the Premium XYZ web portal

Request your 7-day free trial