

TERSUS

Tersus Advanced Positioning

TAP here, TAP there, TAP everywhere.



Tersus Advanced Positioning(TAP)

Tersus TAP, an advanced satellite-based Precise Point Positioning service that brings centimeter-level accuracy to users across the globe. By delivering real-time corrections such as ephemeris and clock errors directly via satellites, TAP empowers GNSS rover receivers to operate independently without relying on local base stations, or even networks. This breakthrough enables highly precise positioning even in the world's most remote and challenging environments—from open oceans and vast deserts to rugged mountains and high-altitude terrains.



Building on the robust TAP service, Tersus offers a versatile range of products tailored to diverse applications. The Oscar Trek, LUKA TAP and TS20/TS21 models deliver reliable performance for conventional surveying, while the David30-TAP and David60-TAP split receivers are designed for seamless integration into mobile platforms such as tractors and autonomous machinery. For developers and integrators, Tersus also provides TAP-enabled OEM boards, enabling customized high-precision positioning across a wide spectrum of innovative solutions.



Application



**Marine
surveying**



**Precision
agriculture**



Machine control



**Intelligent
transportation**



**Navigation
applications**



Construction



**Mining, oil and
gas and more**

Features

High-performance global solution

Achieve 15mm horizontal and 30mm vertical accuracy worldwide in just 3 minutes.

Security and simplicity in operation

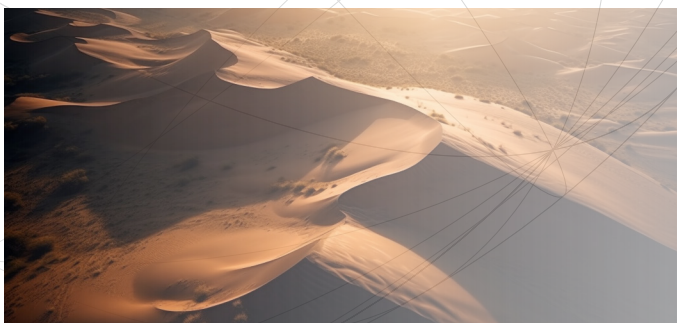
Say goodbye to base stations and networks. With one-way correction data transmission, enjoy fast, secure, and easy setup.

High-availability & redundancy

Redundant hardware and broadcast pathways guarantee exceptional service availability—exceeding 99.99%.

Seamless subscriptions

Activate remotely with one click and choose a plan that fits your project's timeline and scope.



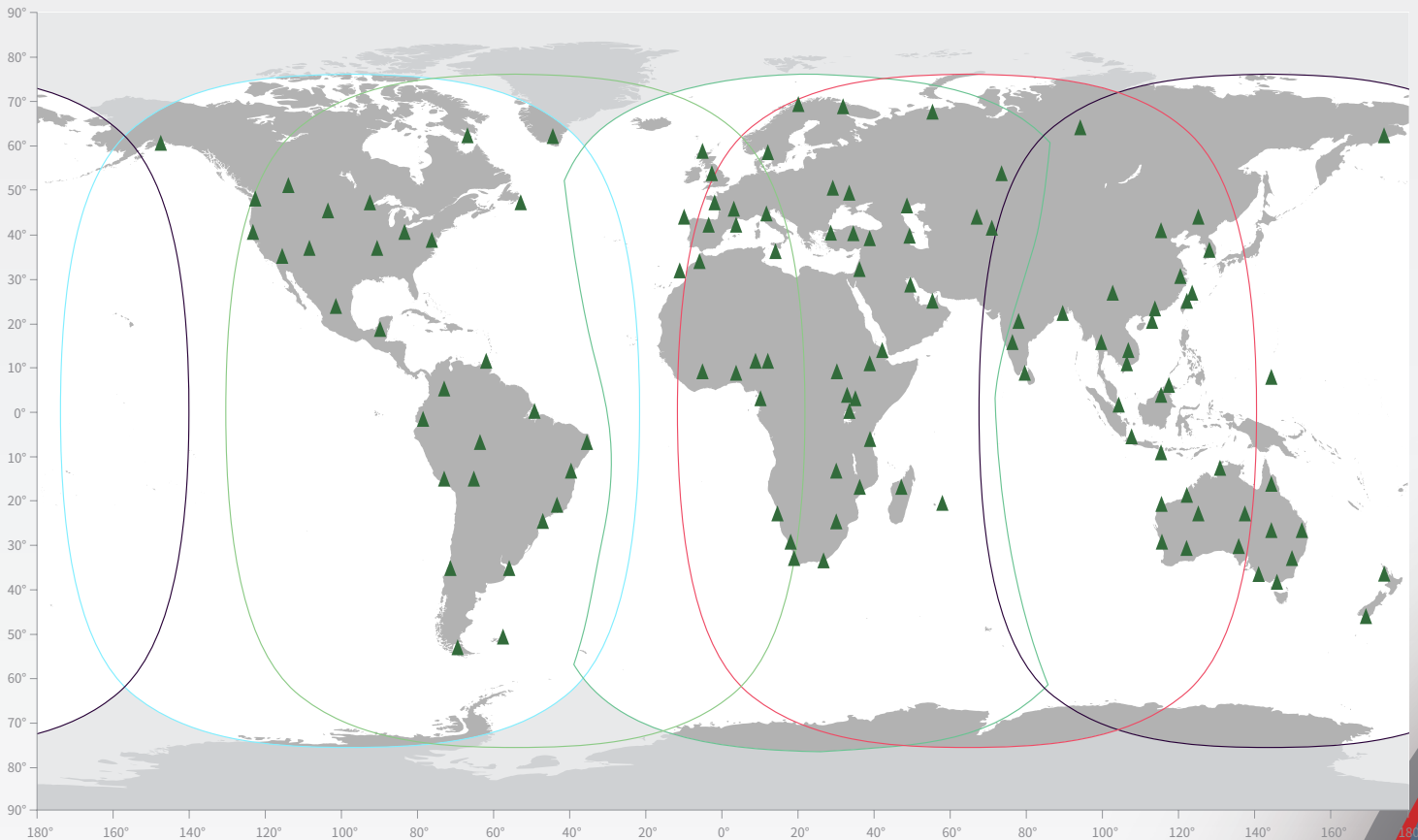
Technical Specifications

Tersus Advanced Positioning (TAP)

Performance

Coverage	Global
Signal Tracking	GPS, GLONASS, BeiDou, Galileo, L-Band
Delivery	Satellite or Internet / cellular

Accuracy	<1.5 cm horizontal, < 3 cm vertical (RMS)
	<2 cm horizontal, < 6 cm vertical (95%)
Reference frame	ITRF2020
Convergence	<3 minutes
Signal Stability	99.99%



Tersus GNSS Inc.

Right to the point.

Tersus GNSS is a leading Global Navigation Satellite System (GNSS) solution provider. Our offerings and services aim to make centimeter-precision positioning affordable for large-scale deployment. Founded in 2014, we have been pioneers in design and development GNSS RTK products to better cater to the industry's needs. Our portfolios cover GNSS RTK & PPK OEM boards, David GNSS Receiver, Oscar GNSS Receiver and inertial navigation systems. Designed for ease of use, our solutions support multi-GNSS and provide flexible interfaces for a variety of applications, such as UAVs, surveying, mapping, precision agriculture, lane-level navigation, construction engineering, and deformation monitoring.

Descriptions, specifications and related materials are subject to change.
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To learn more, please visit: www.tersus-gnss.com
Sales inquiry: sales@tersus-gnss.com
Technical support: support@tersus-gnss.com