



StellarFusion

Global Precise Positioning Services

GLOBAL COVERAGE, PRECISE POSITIONING

StellarFusion is a global high-precision positioning service platform built on next-generation state-space augmentation technology. Centered on multi-source GNSS data fusion algorithms and a cloud-based real-time state-space correction generation engine, the platform delivers network-based positioning services, satellite-based positioning services, and fusion positioning services.



CM-Level Accuracy



Global Coverage



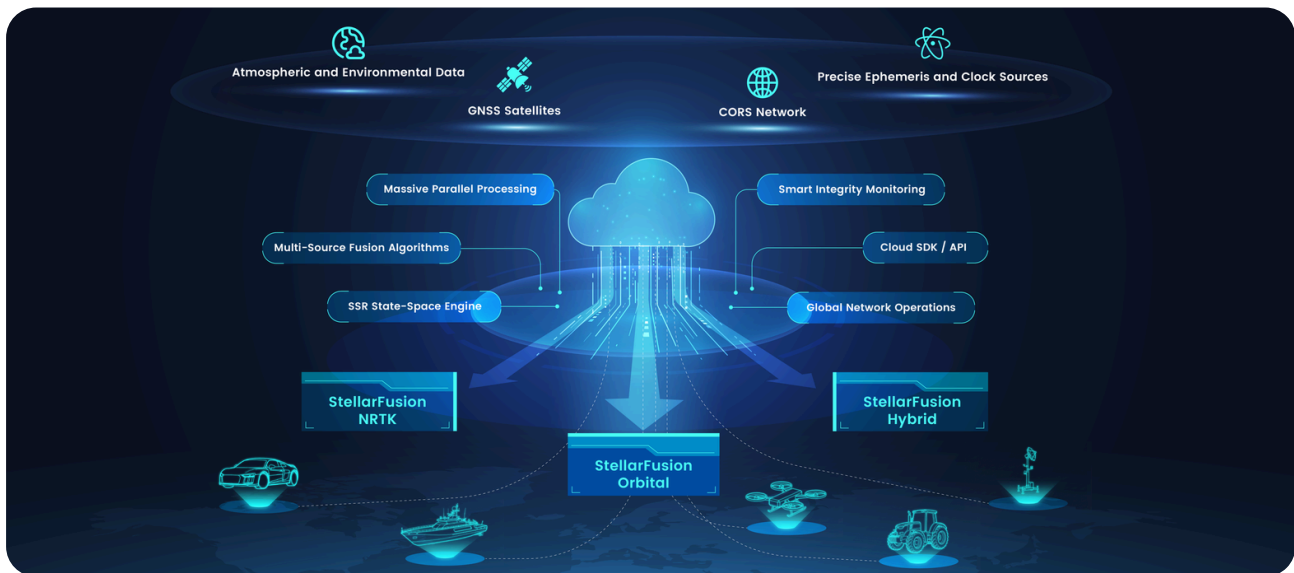
Stable Signal



Automatic Setup

GLOBAL CENTIMETER-LEVEL ACCURACY

Deliver fast-converging, centimeter-level positioning that works globally in any weather. With over 99.9% availability, it sets a new benchmark for precision—now trusted across more than 140 countries through a network of 3,500+ dealers—making it ideal for autonomous vehicles, drones, high-tech surveying, and IoT applications.



FAST ACCESS, FLEXIBLE PLANS

Work easily with common GNSS receivers and devices. You can get corrections quickly via NTRIP or satellite signals. With flexible subscription plans (yearly or daily), you only pay for accurate services when you need them, making it ideal for any size job, big or small.



THREE SERVICE MODES

StellarFusion NRTK	StellarFusion Orbital	StellarFusion Hybrid
Network-based cm-level positioning in real time	Global satellite signals for wide-area positioning	A combo of network and satellites for reliable coverage

RELIABLE PERFORMANCE

Stay stable using both network and satellite correction paths. StellarFusion performs reliably in suburban areas, weak-network regions, and even without network coverage, ensuring consistent positioning across a wide range of farming conditions.



APPLICATION SCENARIOS



Agriculture

Offer stable positioning services for autonomous tractors, sprayers, and seeders, achieving precision operations across various operations.



Construction Machinery

Provide high-accuracy positioning for excavators, dozers, pavers, and other machines, even in tough jobsites.



Lawncare/ Public Works

Deliver stable positioning for robotic mowers and sweepers, allowing for automated route planning and execution.



Surveying & Mapping

Work with measuring equipment and handheld devices to provide global, high-accuracy positioning right out of the box.

QUICK SPECS

StellarFusion NRTK

Network-based cm-level positioning in real time

Positioning Accuracy	Horizontal < 2 cm, Vertical < 2.5 cm ¹ , Vertical < 5 cm
Convergence Time	<3s
Supported GNSS	GPS / GLONASS / Galileo / BeiDou / QZSS
Coordinate Frameworks	CGCS2000, WGS84, ITRF2008
Availability	≥ 99.9%

StellarFusion Orbital

Global satellite signals for wide-area positioning²

Positioning Accuracy	Horizontal: <3 cm; Vertical: <6 cm
Convergence Time	3min–8min
Supported GNSS	GPS / GLONASS / Galileo / BeiDou
Coordinate Frameworks	CGCS2000, WGS84, ITRF2020
Availability	≥ 99.9%

StellarFusion Hybrid

A combo of network and satellites for reliable coverage²

Positioning Accuracy	Horizontal: <3 cm; Vertical: <6 cm
Convergence Time	<120s
Supported GNSS	GPS / GLONASS / Galileo / BeiDou
Coordinate Frameworks	CGCS2000, WGS84, ITRF2020
Availability	≥ 99.9%

Notes:

¹ When the distance between base stations is within 3 km, vertical accuracy (3σ) is within ±2.5 cm.

² Satellite-based services require support from specific hardware models.

Free Quote: sales.global@fjdynamics.com

Address: 15 SCOTTS ROAD #03-12, Singapore

FJDynamics.com



CREATE FOR A BETTER WORLD

Copyright © FJDynamics. All rights reserved.