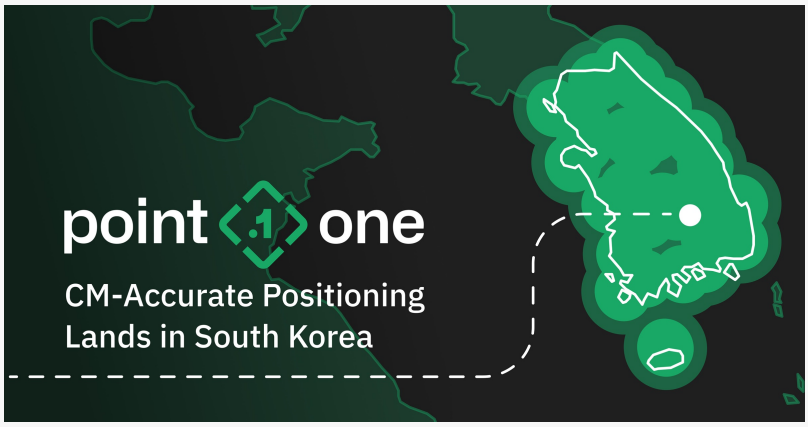
Point One Navigation Announces Polaris™ Location Services in South Korea

Point One Navigation's Polaris™ Real-Time Kinematic (RTK) location network is now available in South Korea.



Point One Navigation's Polaris RTK network is now available in South Korea

SAN FRANCISCO, CALIFORNIA, US, January 23, 2024 /EINPresswire.com/ -- Point One Navigation Announces Polaris™ Location Services in South Korea

Precision positioning platform Point One Navigation announced today that their Polaris™ Real-Time Kinematic (RTK) location network is now available in South Korea. The network is available to deliver centimeter-accurate location services to businesses and application developers who want pinpoint location data for their projects in the region.

> The Polaris™ network will provide comprehensive coverage throughout S. Korea. Existing Polaris customers can immediately utilize the S. Korea integration. ”
>
> *Aaron Nathan, CEO and Founder*

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Polaris: Centimeter-Accurate GNSS

Point One’s Polaris™ is an RTK corrections network that enables centimeter-level accurate GNSS positioning. The Polaris™ system delivers accuracy from 10 cm to 1 cm, even in challenging environments like urban canyons and occluded sky-views. Standard GNSS systems observe position uncertainty from sources such as atmospheric signal delay, satellite orbit variation, clock drift, and signal multipath. The Polaris™ network uses additional sources of information from compact base stations, greatly reducing position uncertainty.

Point One Navigation FusionEngine software further integrates inertial measurement, wheel

odometry and additional sensors to achieve the desired level of precision in the complete absence of satellite signals.

Point One Navigation Logo

The Polaris™ network, with FusionEngine software, delivers cost-effective precision location services for autonomy and robotics applications. Polaris™ supports all major GNSS constellations and has an extremely dense global network of base stations that cover the United States, Europe, New Zealand, S. Korea, and parts of Canada, Australia. The network supports all modern navigation signals, maximizing compatibility and performance with all devices.

GraphQL-based API

Developers can integrate the Polaris™ RTK network and FusionEngine software using the robust and standardized GraphQL API.

It now takes only a few minutes to integrate Polaris RTK into developer-built applications with the robust GraphQL API. The Polaris™ RTK network can be built into demanding applications, including Industrial Autonomy, Precision Agriculture, Logistics and Delivery, Robots and ADAS.

For more information about the Polaris™ RTK network, visit https://pointonenav.com/polaris

ABOUT POINT ONE NAVIGATION

Point One Navigation, headquartered in San Francisco with offices in Boston, specializes in building precise location services with accuracy down to a few centimeters at a cost 100x less than existing solutions. State of the art sensor fusion techniques and a proprietary network of sensors enable Point One to determine location with unrivaled precision and cost. To learn more about Point One Navigation and its products, visit: www.pointonenav.com.

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