



SECORX is a subscription-based service providing over-the-air corrections for Precise Point Positioning (PPP). It uses TerraStar technology and brings sub-decimetre positioning to land and sea applications.

Increased Accuracy and Reliability

Septentrio's positioning algorithms and error models use SECORX data to provide accurate and reliable positioning without the need for ground base stations.

The use of dual-frequency GNSS hardware in Septentrio's receivers allows the calculation and removal of local ionospheric errors, while tropospheric delays are estimated within the calculation. Other sources of errors including ocean loading, earth tides and phase windup are also modelled.

The duration of your SECORX activation plan can vary to suit your particular needs.

SECORX-60

Provides sub-decimetre reliable positioning over land and up to 60 km offshore.

SECORX-C

Provides reliable sub-decimetre positioning over land.

SECORX-D

Provides reliable decimetre positioning over land.

SECORX Seismic

This service has been specifically tuned to be able to respond to the typical dynamics of earthquakes, further improving Septentrio LOCK+ algorithm to maintain tracking under the typical earthquake fingerprint vibrations.

PPP Service	Position Accuracy ^{1,2}		Compatibility
	Horizontal	Vertical	
SECORX-D ^{3,4}	6cm	9cm	AsteRx-m2, AsteRx-U, AsteRx4, AsteRx SB, Altus NR3
SECORX-C ^{3,4}	4cm	6cm	AsteRx-m2, AsteRx-U, AsteRx4, AsteRx SB, Altus NR3
SECORX-60 ^{3,4}	4cm	6cm	AsteRx4, AsteRx-U MARINE
SECORX Seismic ^{3,4}	4cm	6cm	PolaRx5, PolaRx5e

¹ Open sky conditions

² RMS levels

³ After convergence

⁴ Service subscription required

EMEA (HQ)
Greenhill Campus
Interleuvenlaan 15i
3001 Leuven, Belgium
+32 16 30 08 00

septentrio.com

Americas
Los Angeles, USA

sales@septentrio.com

Asia-Pacific
Melbourne, Australia
Shanghai, China
Yokohama, Japan

