



Septentrio introduces the 4.2 firmware delivering greater performance, security and functionality

Leuven, Belgium – 15 June 2017 – Septentrio, a leading provider of GNSS solutions announces the release of the 4.2 firmware for the AsteRx4, AsteRx-U and the newly launched AsteRx-m2. The 4.2 firmware brings higher output rates, low and constant latency, support for TerraStar-C and a built-in NTRIP caster.

The 4.2 firmware targets machine control applications delivering higher output rates with consistent and low latency. Maximum output rates have increased on all platforms: up to 100 Hz for the AsteRx4 and AsteRx-m2 and 50 Hz for the AsteRx-U with latencies better than 10 ms and 20 ms respectively. TerraStar-C is now supported bringing PPP horizontal position precision to 4 cm. In addition, Septentrio algorithms deliver fast PPP re-convergence making PPP even more attractive for positioning in difficult environments.

For the AsteRx4 and the AsteRx-U, the 4.2 firmware enhances ease-of-use by including a built-in NTRIP caster. Correction data from the receiver is available for up to 10 NTRIP clients (or rovers) over the internet. The caster supports up to three mount points and can also rebroadcast correction data from a remote NTRIP server.

“For machine control and automation, Septentrio receivers have unique low-latency behaviour which is constant and independent of the update rate.” stated Francesca Clemente, Product Manager at Septentrio. She continued: “The 4.2 firmware demonstrates Septentrio’s commitment to advancing performance and functionality of its products.”

About Septentrio:

Septentrio designs, manufactures and sells high-precision multi-frequency multi-constellation GPS/GNSS equipment, which is used in demanding applications in a variety of industries such as marine, construction, agriculture, survey and mapping, geographic information systems (GIS), and unmanned aerial vehicles (UAVs) as well as other industries. Septentrio receivers deliver consistently accurate GNSS positions scalable to centimetre-level, and perform solidly even under heavy scintillation or jamming. Septentrio receivers are available as OEM boards, housed receivers and smart antennas.



Europe
Greenhill Campus
Interleuvenlaan 15i
3001 Leuven
Belgium
+32 16 30 08 00

Americas
Suite 200
23848 Hawthorne Blvd
Torrance, CA 90505
USA
+1 310 541 8139

Asia-Pacific
Unit 1901
111 Queen's Road West
Sheung Wan
Hong Kong
+852 3959 8680



Septentrio offers in-depth application and integration support to make its customers win in their markets. Septentrio is headquartered in Leuven, Belgium, and has offices in Torrance, California, and Hong Kong, and partners around the world. To learn more about Septentrio and its products, visit: www.septentrio.com.

###

Press Contacts:

Neil Vancans

Septentrio Americas

+1 310 541-8139

neil.vancans@septentrio.com

Martin Mc Cormack

Septentrio Europe

+32 16 30 08 00

martin.mccormack@septentrio.com

Max De Proft

Septentrio Asia-Pacific

+852 3959 8680

max.deproft@septentrio.com



Europe

Greenhill Campus
Interleuvenlaan 15i
3001 Leuven
Belgium
+32 16 30 08 00

Americas

Suite 200
23848 Hawthorne Blvd
Torrance, CA 90505
USA
+1 310 541 8139

Asia-Pacific

Unit 1901
111 Queen's Road West
Sheung Wan
Hong Kong
+852 3959 8680

www.septentrio.com