



Embargoed until 12 September

Septentrio Launches New GNSS Receiver for Time and Frequency transfer applications

Leuven, Belgium and Torrance, California. – September 12, 2016 – Septentrio, a leading provider of accurate and reliable GNSS solutions, today announces the launch of its most advanced GNSS receiver for dedicated time and frequency transfer applications, the PolaRx5TR.

The PolaRx5TR is the newest addition to Septentrio's renowned PolaRx product line of GNSS receivers which has established itself as the standard for timing receivers and which lead to the selection of Septentrio as preferred vendor for reference stations to UNAVCO for 2015-2018. The PolaRx5TR has 544 hardware channels and supports all major satellite constellations including GPS, GLONASS, Galileo, BeiDou, QZSS and IRNSS. A calibration circuit is incorporated into the PolaRx5TR to measure and compensate for the internal delay. This feature removes the need for calibration using external equipment and ensures measurement latching is always accurately synchronized with the PPS input.

Septentrio's newest receiver is fully compliant with the new format CGGTTS version V2E of Consultative Committee for Time and Frequency (CCTF) recommendations. Also included as standard is Septentrio's Advanced Interference Mitigation (AIM+) technology giving outstanding interference robustness in difficult radio environments. Furthermore, up to 8 independent logging sessions can be configured logging to either the 16 GB internal memory or to an externally connected device.

"Septentrio's timing receivers have established themselves as trusted market leaders for time and frequency transfer applications" stated Francesca Clemente, Product Manager for the PolaRx product line. She continued: "The PolaRx5TR continues in this tradition with updated GNSS technology, compliance to new standards set by CCTF and an auto-calibration feature reducing initial setup times."



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About Septentrio

Septentrio designs and manufactures high-precision, multi-frequency, multi-constellation 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), scientific and unmanned aerial vehicles (UAVs) to name but a few. Septentrio receivers deliver consistently accurate GNSS positions scalable to centimeter-level and perform reliably even in situations with heavy scintillation or jamming. Septentrio receivers are available as OEM boards, housed receivers and smart antennas.

Septentrio offers application and integration support from project inception to realization giving users the edge in any market. Septentrio has its headquarters in Leuven, Belgium, with offices in Torrance, California and Hong Kong, and with partners located worldwide. To learn more about Septentrio and its products, please visit: www.septentrio.com.

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