



## Septentrio delivers PolaRx5 GNSS reference receivers to U.S. Geological Survey for volcano monitoring

TORRANCE, Calif. – Dec. 12, 2016 – Septentrio has completed delivery of PolaRx5 multi-constellation GNSS reference receivers and antenna systems to the U.S. Geological Survey (USGS).

The monitoring systems will be deployed through the Volcano Hazards Program (VHP) for volcano monitoring stations in Alaska and at various international locations through the Volcano Disaster Assistance Program (VDAP) – a cooperative effort between the USGS and the U.S. Agency for International Development's Office of U.S. Foreign Disaster Assistance.

The PolaRx5 receivers take full advantage of the new 5.1.0 firmware which includes support for on-board PPP and dynamic response tuned for seismic applications. The PolaRx5 tracks all visible signals from Galileo, GPS, GLONASS, BeiDou, IRNSS and QZSS constellations. It provides industry-leading measurement quality and robust interference mitigation thanks to Septentrio's patented AIM+ technology. The PolaRx5 supports these advanced features and more with a power consumption that is scalable from less than 2.0 watts.

"USGS and their partners will be among the first to exploit the PolaRx5's seismic monitoring features," said Neil Vancans, vice president of Septentrio Americas. "The PolaRx5 is Septentrio's most complete GNSS receiver to date and provides the ideal upgrade for modernizing any continuously-operating reference station (CORS) network."

More information about VHP and VDAP can be found via <http://volcanoes.usgs.gov/index.html> and <http://volcanoes.usgs.gov/vdap/> respectively.

Disclaimer: Representations as to the capability of these commercial products are made by Septentrio. The United States Geological Survey and/or other federal agencies mentioned above shall not be construed as having endorsed or otherwise recommended these 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 centimeter-level, and perform solidly even under heavy scintillation or jamming. Septentrio receivers are available as OEM boards, housed receivers and smart antennas.



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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, Calif., and Hong Kong, and partners throughout the world. To learn more about Septentrio and its products, visit: [www.septentrio.com](http://www.septentrio.com).

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