Autonomous Real-time PVT Calculation from Galileo IOV Satellites

Septentrio, Belgium, has announced that it has obtained, based on live ICD compliant Galileo messages from the four Galileo IOV satellites, a first autonomous real-time Galileo PVT calculation. The stand-alone position was calculated from in-orbit navigation messages using a standard PolaRx4 GNSS receiver equipped with commercially released firmware.

This achievement follows shortly after the announcement of a first GPS+Glonass+BeiDou PVT less than two weeks after the BeiDou ICD v1.0 publication in December 2012. Peter Grognard, Septentrio's founder and CEO, said that he is delighted that Septentrio receivers are amongst the first to witness the readiness of the Galileo navigation message to perform a position fix from in-orbit signals. Since 2003, Septentrio has been involved in all major milestones that have paved the way for the European constellation genesis.

https://www.gim-international.com/content/news/autonomous-real-time-pvt-calculation-from-galileo-iov-satellites