

EDAS for added value applications

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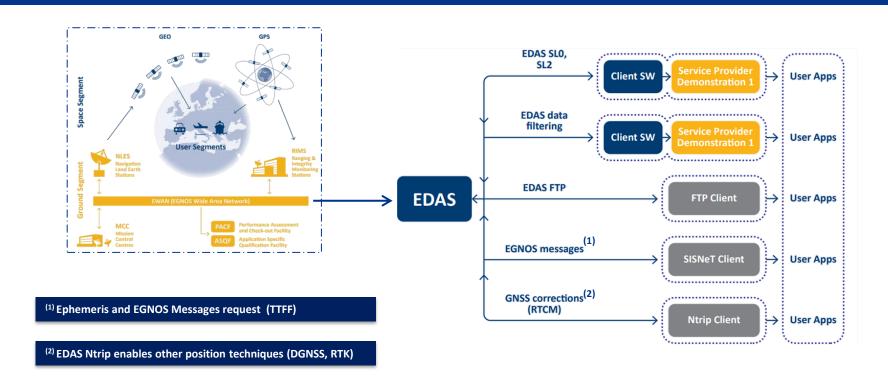








EDAS Overview



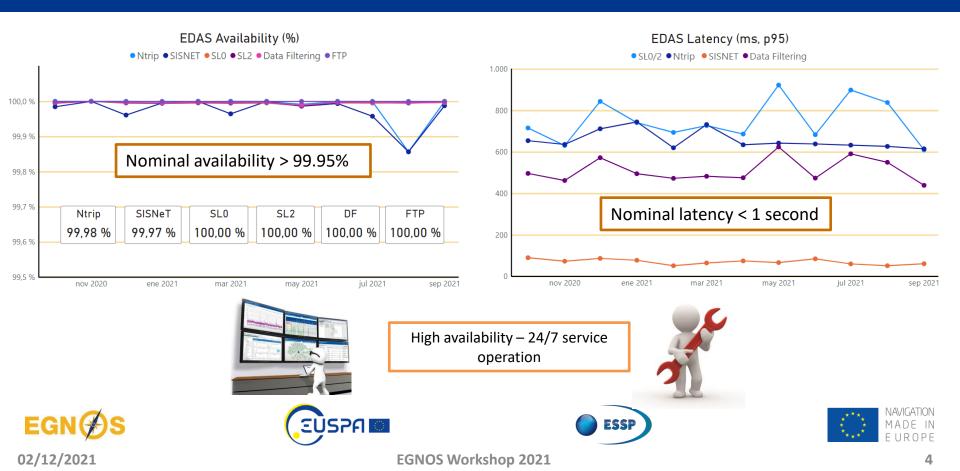




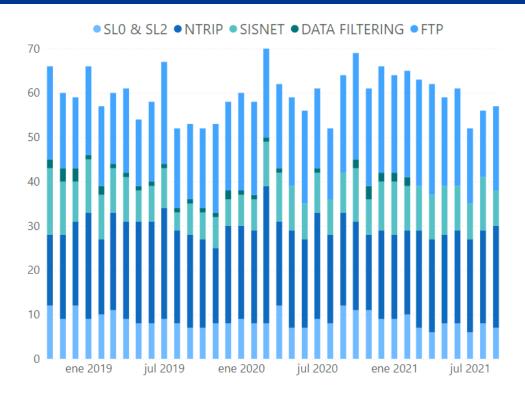




EDAS Performance



EDAS Active Users





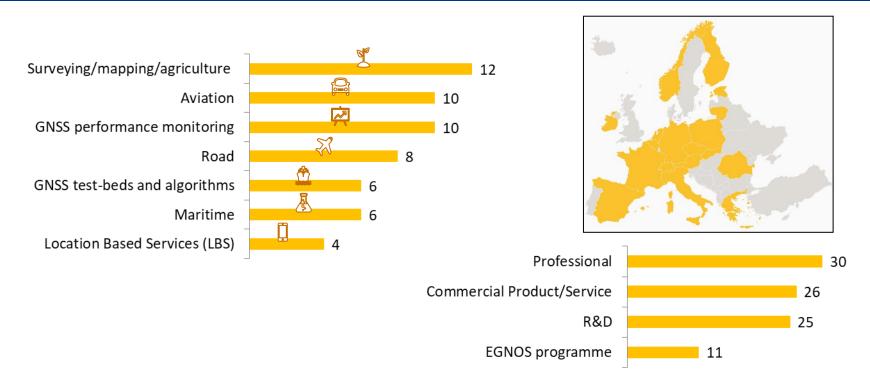








Users Per Segment











Use Cases Examples

Aviation

- Aviation Dashboard on EUSW
- ICAO Space Weather Service
- Definition of the conditions under which GNSS systems can be operationally used
- Monitoring of ionospheric disturbances on airborne receivers
- Debugging of issues on commercial airborne receivers
- Tracking of assets/fleet management at airports
- Tracking & tracing of RPAS

Road

- Fleet management solutions
- · Tracking of goods
- Integration in Advanced Driver-Assistance Systems (ADAS)
- Solutions for Intelligent Transport Systems (ITS)



Maritime

Recapitalization of DGNSS infrastructure for maritime and inland waterways











Use Cases Examples

GNSS Perfo. Monitoring

- GNSS/EGNOS Performance Monitoring (EUSW)
- Performance monitoring tools
- Ionospheric scintillation mapping
- Monitoring of ionospheric disturbances on GNSS
- Performance comparison versus real-time positioning services
- Scientific applications (e.g. algorithms development)

Agriculture

- Precision farming (Variable Rate Applications)
- Farm machinery guidance
- Land surveying for forestry and agronomist applications
- Soil sampling services
- Data input for CORS networks



LBS

- Enhancement of GNSS standalone position
- Input for corrections generation in High Accuracy Assistance services
- Assets and workforce management











What's new



EDAS Library For Android (ELFA) is an Android-Native **library** aimed at easing the connection to **EDAS SISNET and Ntrip** services

It provides an **API** to access the decoded EGNOS information (e.g. **slow, fast and ionospheric** corrections) and the **DGPS** corrections.

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Android PVT engine using SBAS and DGPS corrections obtained from ELFA is under development.



SISNET and SBAS decoding library will be soon available in python as well.













Thanks for your attention!

