





STM GNSS Positioning offer

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STM GNSS Positioning – Teseo Family 2

The most innovative and solid offering for GNSS applications

- GNSS leadership position in automotive applications
- Presence in GPS/GNSS field since 25 years
- Pioneer in GNSS Multiconstellation, Galileo and Multiband
- Outstanding positioning accuracy
- Rich product portfolio tailoring different application needs
- Build ecosystems with competent partners
- Focus on applications to make car driving safer, greener and more connected





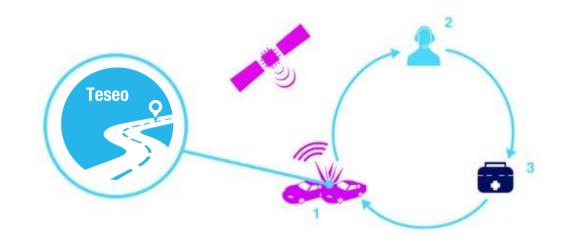


ST part of GALILEO program since the beginning

Teseo ideal solution for eCall

- ST contributed since the beginning of GALILEO signal Processing algorithms (2005 GR-POSTER)
- GSA performed first-ever position fix using GALILEO with TeseoII chip (2013)
- GSA/JRC eCall precertification for Teseo expected by Q1-2017

Galileo usage mandatory for eCall GALILEO

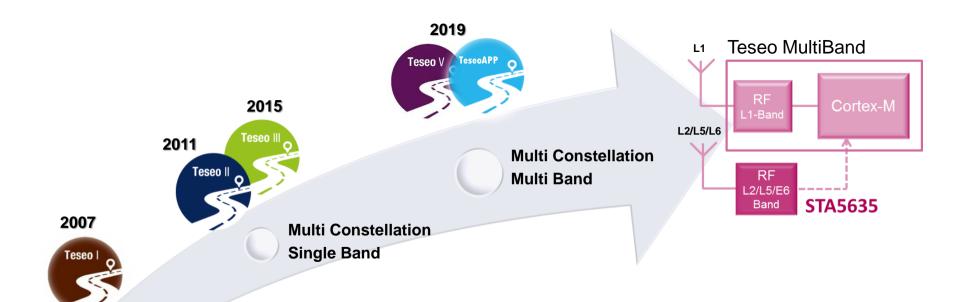




JRC: Joint Research Center GSA: European GNSS Agency

Teseo Evolution 4

Towards reliable precise positioning



Single Constellation Single Band

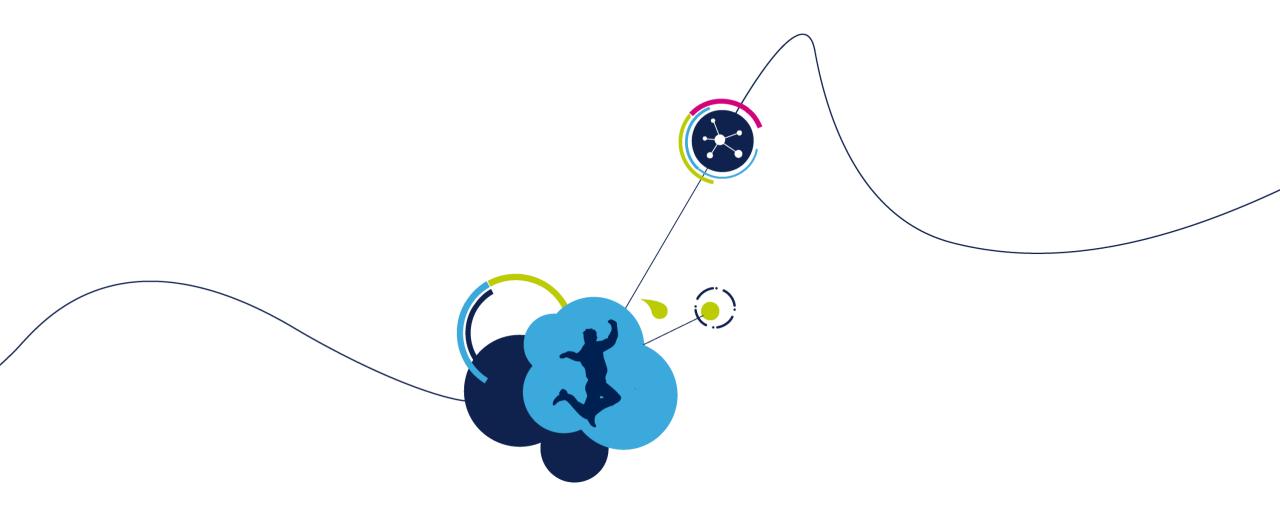
Multiconstellation (GPS, Galileo, Glonass, Beidou,)

Simultaneous usage of more than one constellation multiplies the number of satellites improving positioning accuracy, integrity and time to first fix

Multiband (L1, L2, L5, E6)

Simultaneous usage of more than one band **compensates** ionosphere error improving positioning accuracy





Thank You

