

# EUROPEAN SPACE WEEK

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# Sony GNSS Solutions

User Consultation Platform Mass Market Session

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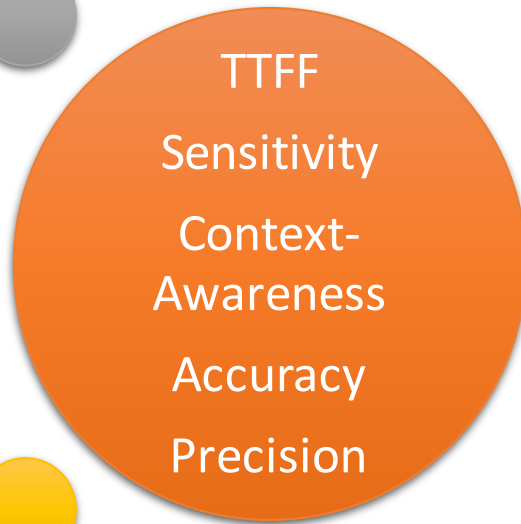
Multi-Constellation GNSS {GPS, GLONASS, Galileo, BeiDou, QZSS}



Assisted GPS technologies



Innovative hardware architecture and algorithms



Lowest power consumption





- **Sports wearable** users demand accuracy and near-continuous tracking when running, cycling and swimming
- **Driver behaviour** monitoring devices require update rates of 1Hz and simple installation for the customer i.e. no connection to vehicle power supply and battery life of 1+ years
- **Tracking goods** shipments at the level of individual assets requires small, robust, very low-cost trackers with long battery life.
- To meet this challenge and widen the use of GNSS, several years ago Sony launched a range of GNSS L1 receiver integrated circuits using innovative silicon design techniques such as use of Silicon-on-Insulator process and very-low voltage RF circuits, the latest being **CXD5605AGF** which consumes just 6mW when continuously tracking.
- Users continue to demand even higher levels of accuracy, so Sony has created a new L1 + L5 device, the **CXD5610GF**, which uses the same design techniques as CXD5605GF, maintains the very low-power consumption and has significantly improved accuracy when compared to L1-only receivers.

# Linking space to user needs



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