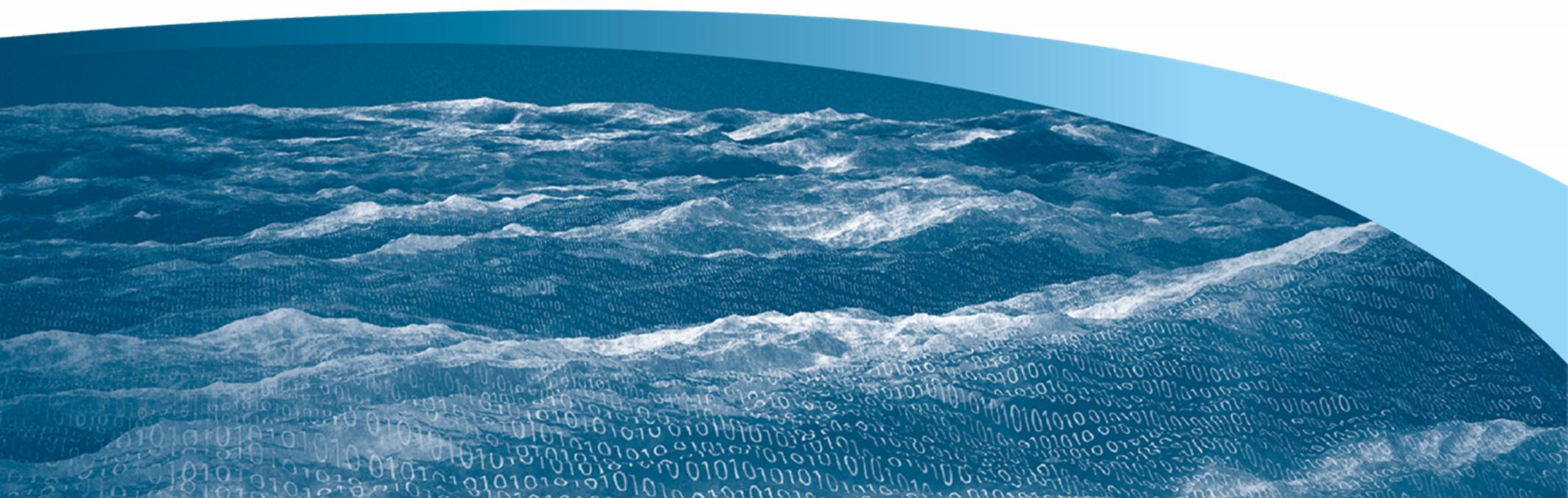


OHB Digital Solutions GmbH

Andreas Lesch, CEO

GSV – Forum „GalileoNOW – nützen wir die Chancen!“



GNSS – Qualitätssicherung multimodal

WE ARE THE NAVIGATION EXPERTS





Umbenennung auf OHB Digital Solutions GmbH

Gründung als Spinoff
der TU Graz

Übernahme durch
OHB Gruppe

Neue Geschäftsführung

1999

2016

2018

2019

... . . .

GNSS

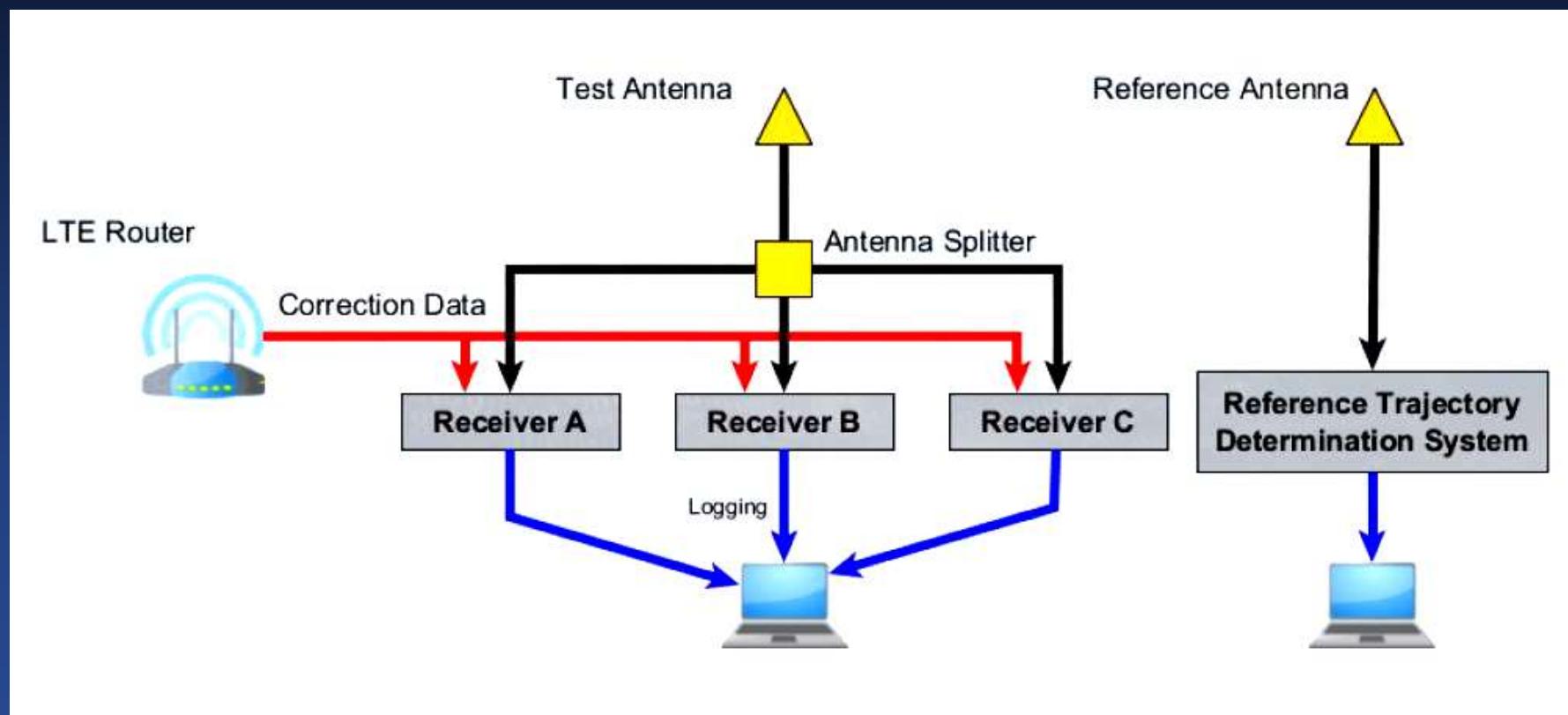
LBS

CONSULTING

CONSULTING



GNSS-Empfänger-Evaluierung



LBS

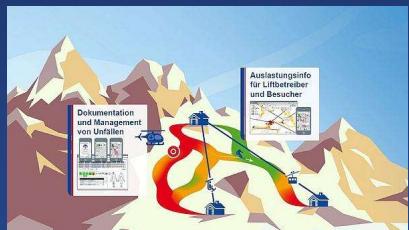
Location Based Services



GEOCorridor



MODIS



SafeSki



SARONTAR



smartYACHT



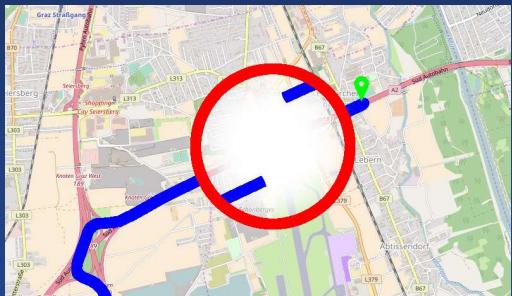




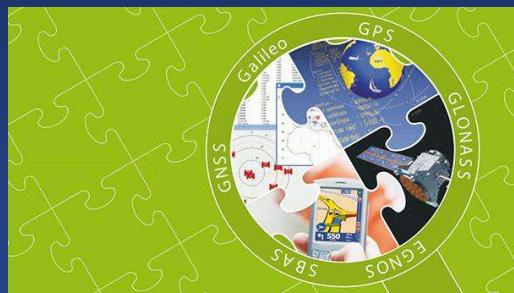


GNSS

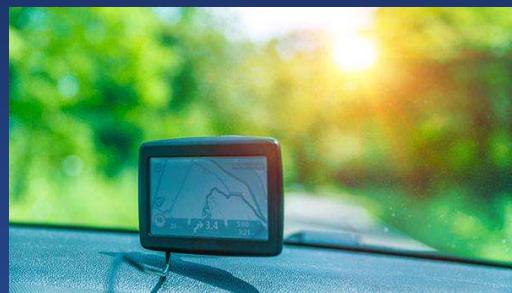
Signal Processing



GIDAS



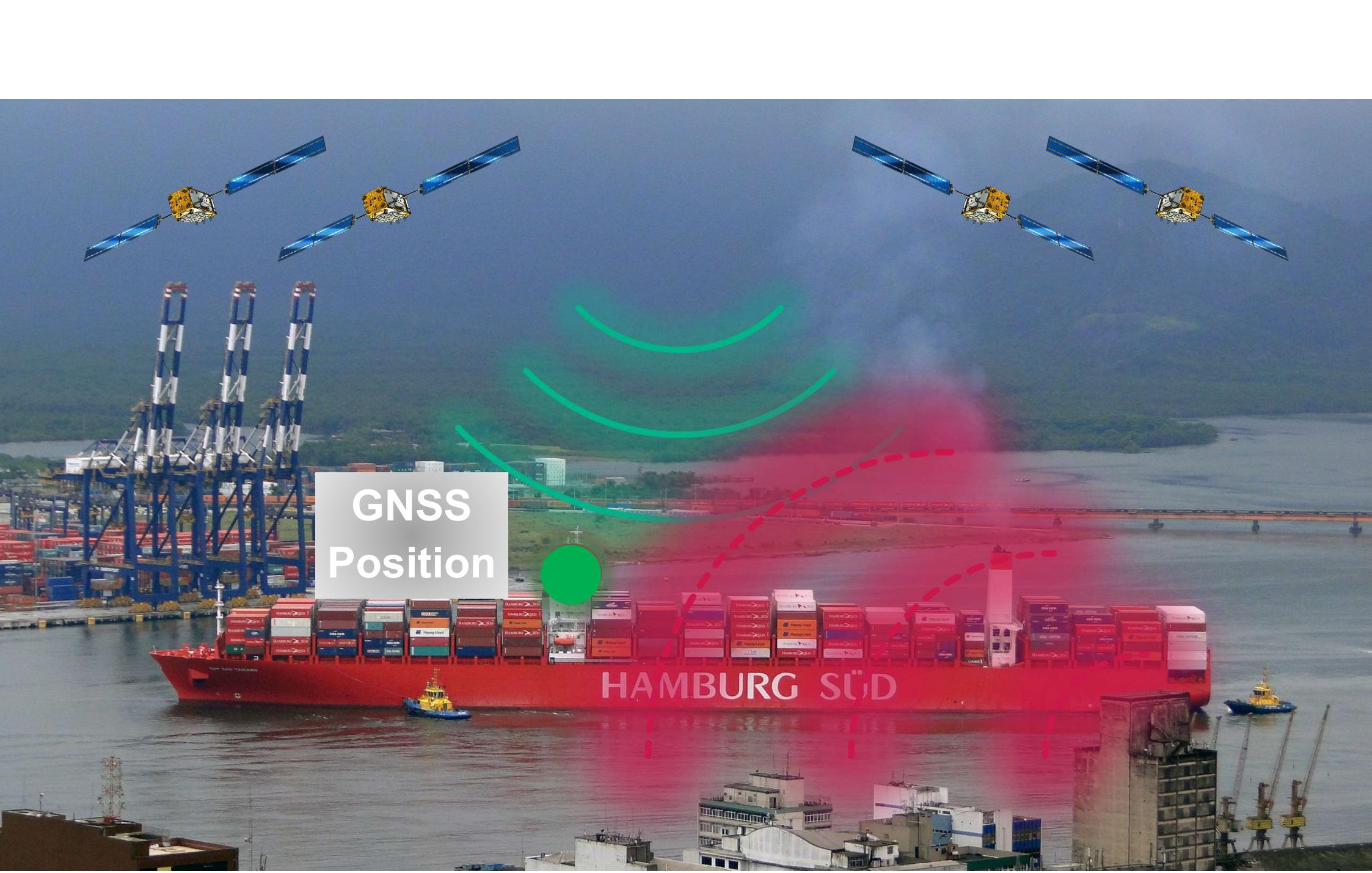
GIPSIE



MCGS



MGSE



GNSS
Position





Spoofing attack

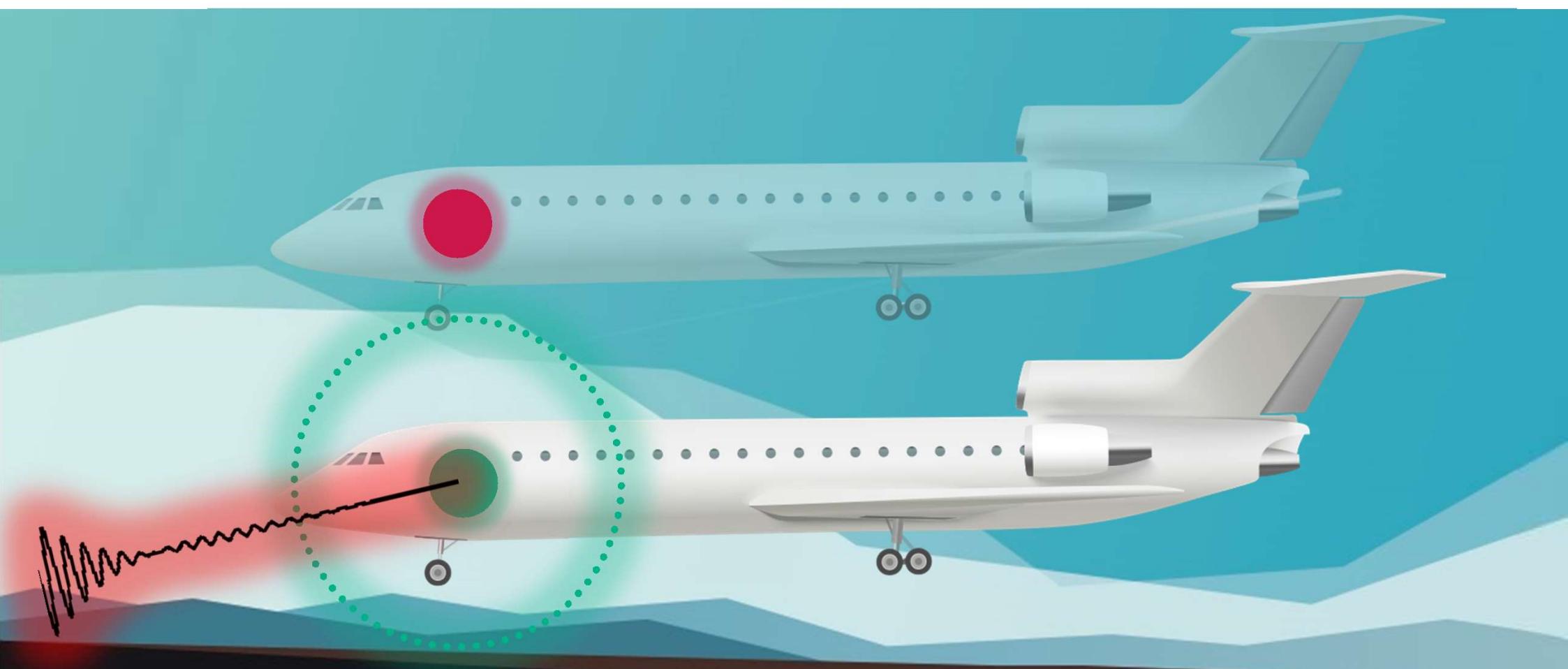
GNSS Quality Assurance - Result





Spoofing attack





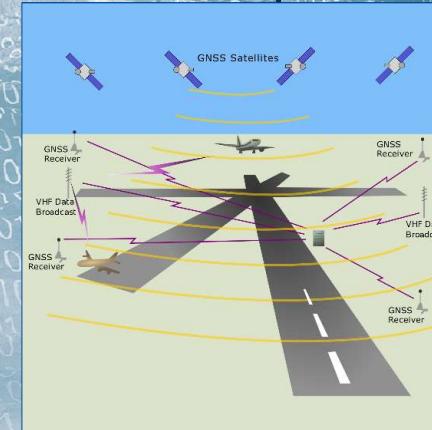
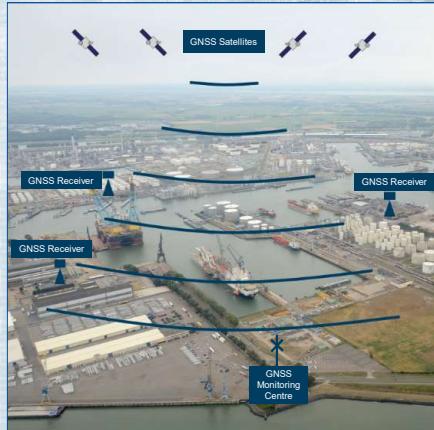
GNSS Quality Assurance - Result

Authentic Signal

Spoofing Signal

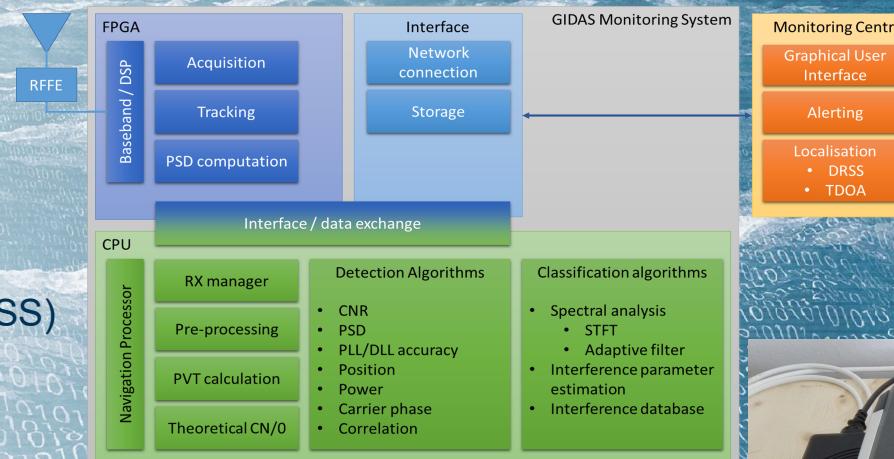
GNSS Quality Assurance

- OHB Digital Solutions GmbH provides services for quality assurance for your GNSS data.
- If you have a need for an effective quality assurance system for GNSS-based multimodal positioning, navigation or timing services GNSS Quality Assurance is indispensable.

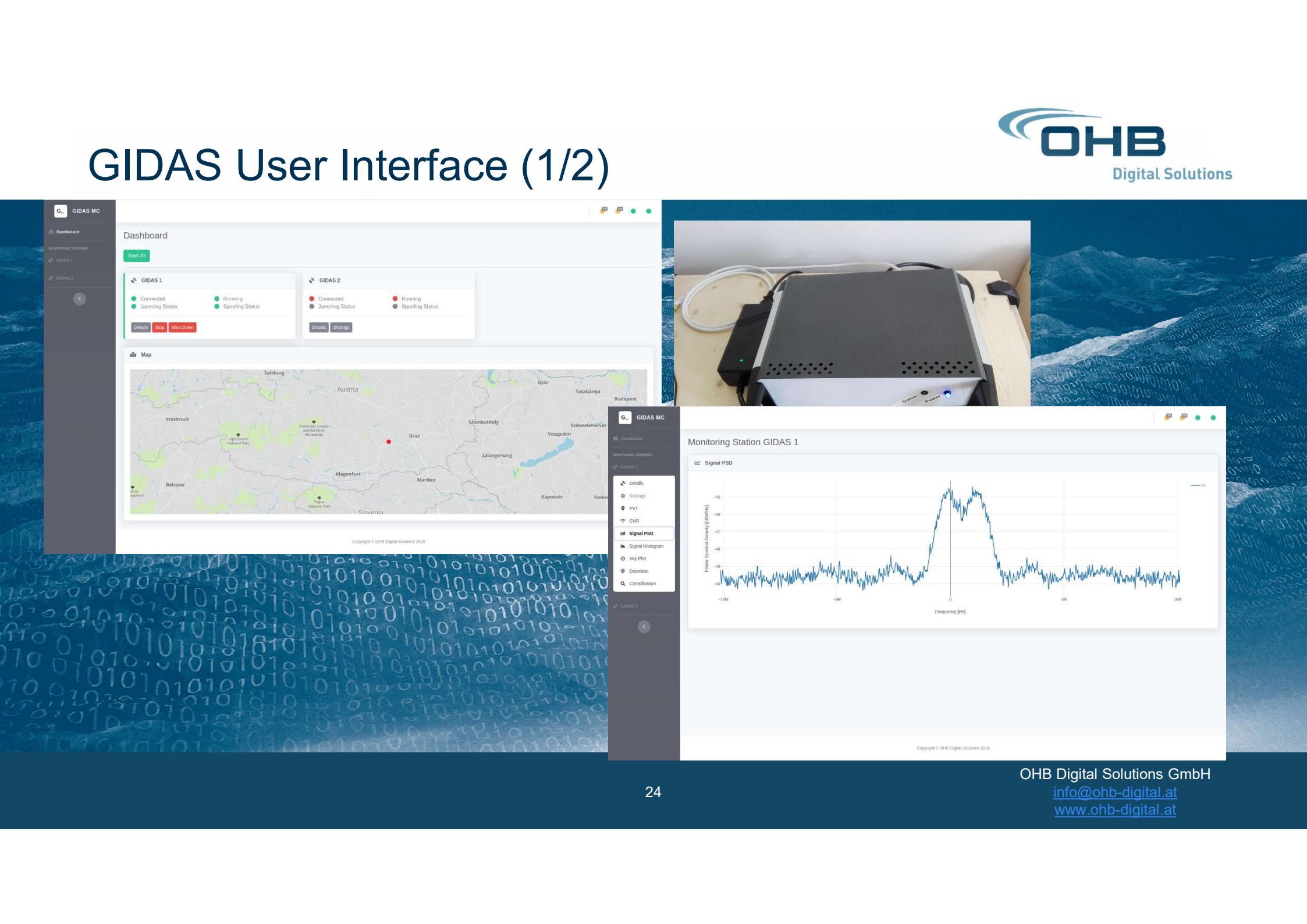


GIDAS - Interference detection & analysis system

- Multi-system multi-band GNSS interference monitoring system developed by TeleConsult Austria
 - GPS L1, L2, L5
 - Galileo E1, E5, E6 (optional)
 - GLONASS G1, G2
 - BeiDou B1, B2
 - SBAS (EGNOS, WAAS, SDCM, QZSS)
 - Detection
 - Classification
 - Localization
- Development together and with funding from European Space Agency



GIDAS User Interface (1/2)



GIDAS MC

Dashboard

MONITORING STATIONS

GIDAS 1

- Connected Status
- Jammer Status
- Running Status
- Spoofing Status

GIDAS 2

- Connected Status
- Jammer Status
- Running Status
- Spoofing Status

Map

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GIDAS MC

Monitoring Station GIDAS 1

Signal PSD

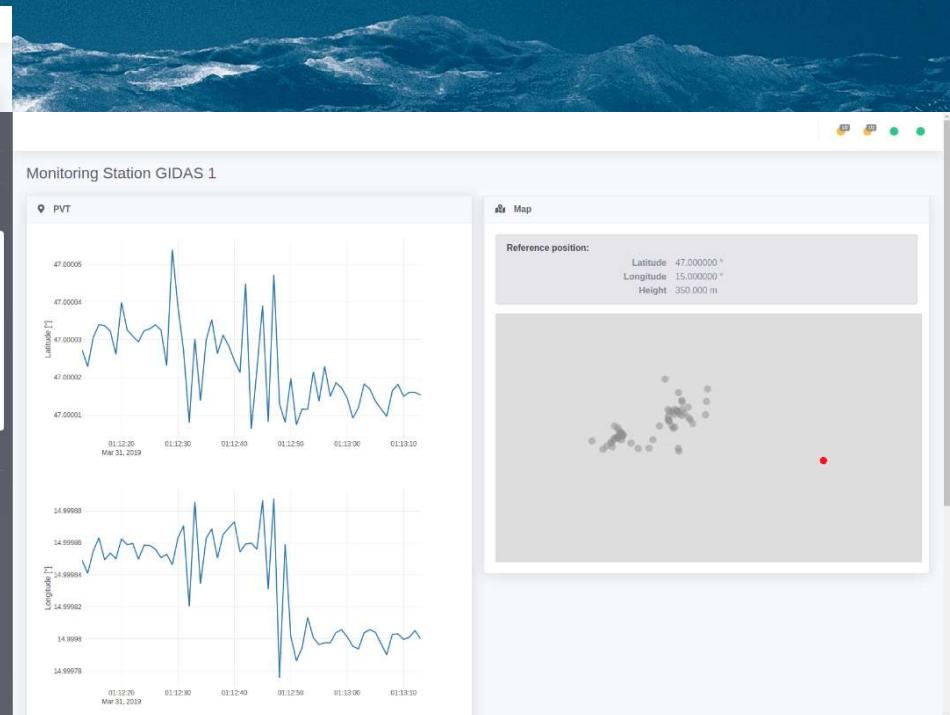
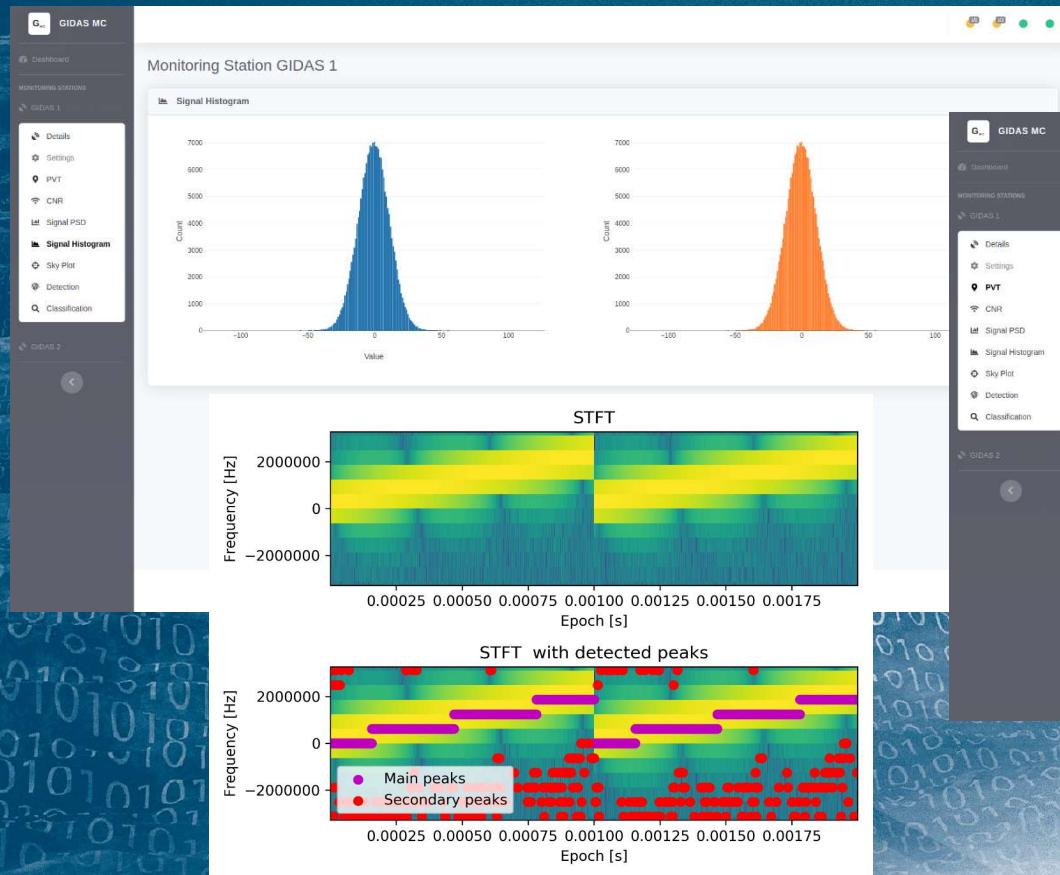
Power Spectral Density [dB/Hz]

Frequency [Hz]

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GIDAS User Interface (2/2)



We are the Navigation experts

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CEO

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Tel: +43-316-890971-20