

Press Release



IFEN GmbH · Press Office

Alte Gruber Strasse 6
85586 Poing, Germany

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IFEN's GNSS RF Constellation Simulator is Awarded Certificate from TÜV SÜD

Poing, Germany – IFEN GmbH today announces that its GNSS RF navigation constellation simulator NavX[®]-NCS has recently been awarded the official certificate of the TÜV SÜD stating the conformance concerning high precision signal generation and Galileo OS SIS ICD conformance of signal characteristics and signal quality.

Awarded by the independent third-party certifier TÜV SÜD and validated in the GNSS laboratory of the independent company NavCert GmbH and of the European Space Agency (ESA), this certification confirms the high precision GNSS signal generation quality and the Galileo Open Service (OS) Signal-In-Space (SIS) conformance of signal characteristics and signal quality of IFEN's GNSS RF navigation constellation simulator NavX[®]-NCS. The NavX[®]-NCS has been tested by NavCert according to the international standards PPP 80018:2008, EN 61010:2002, IEC 60297-1:1986, and EN 60417-1:2000.

"We were impressed by the overall quality of the system to fulfil all relevant requirements ", said Martin Grzebellus, Managing Director of NavCert GmbH. "The conformance certification demonstrates again the quality and reliability of IFEN's GNSS RF navigation constellation simulator NavX[®]-NCS", explains Dr. Günter Heinrichs, Head of Customer Applications. "We are delighted to receive this certification, which acts as further evidence of the high precision signal generation and signal quality of IFEN GNSS test solutions on which our customers depend".

IFEN offers different classes of GNSS RF constellation signal generators, satisfying its customers GNSS testing applications. The NavX[®]-NCS is the most flexible and capable RF signal generator for multi-GNSS constellations on the market. With up to 108 signal channels and 9 L-band frequencies, GPS, Galileo, GLONASS, and QZSS can be simulated simultaneously. Due to its flexibility, scalability and extendability, the NavX[®]-NCS is a 'future-proof-investment' for the coming multi-GNSS era!

About NavCert

NavCert GmbH as part of the TÜV SÜD group offers support regarding the development and the marketing of products and services of positioning and navigation systems. The service range consists of testing, certification and related consultancy for consumer products, safety critical components, products and system for Galileo and EGNOS.

Point of Contact Dr. Günter Heinrichs
Phone +49 (8121) 2238 – 20
Fax +49 (8121) 2238 – 11
E-Mail press@ifen.com

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About IFEN

IFEN is a leading provider of GNSS navigation products and services. IFEN's technology portfolio includes GNSS RF signal generators, receivers, test ranges, simulation and data processing tools and seamless LBS. IFEN's primary product 'NavX[®] - GNSS Test Solutions' is designed to provide the users with a complete range of integrated navigation test products and services unique on the market. IFEN's outstanding satellite navigation know-how is offered to customers for services like GNSS system studies, research and development of navigation and integrity algorithms, design and development of GNSS software and hardware up to engineering of turnkey facilities and systems.

IFEN Contact:

Dr. Günter Heinrichs
Head of Customer Applications
Business Development