



Press Release

Space Applications Centre of India Selects IFEN's GNSS Simulator for IRNSS Development and Testing

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Page 1 / 1

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Poing, Germany – The Space Applications Centre in Ahmedabad of the Department of Space of the Government of India recently selected the NavX[®]-NCS Professional, a multi-constellation and multi-frequency GNSS RF navigation constellation simulator from IFEN GmbH, as the new reference simulator for its IRNSS development and testing.

The IRNSS payload system engineering group of the Space Applications Centre (SAC) in Ahmedabad, India, has selected IFEN's multi-constellation and multi-frequency GNSS RF simulator NavX[®]-NCS Professional for their R&D and testing activities in the frame of the ongoing Indian IRNSS programme.

"The decision of the Space Application Centre for our GNSS RF Navigation Constellation Simulator NavX[®]-NCS as a reference in the official IRNSS space program of the Indian government represents another milestone for our product", explains Dr. Günter Heinrichs, Head of Customer Applications. "We are proud to add the first governmental institution – the Space Applications Centre (SAC) of India in Ahmedabad – as further important reference customer."

IFEN offers two types of GNSS RF constellation signal simulators which cover all customers GNSS testing needs and 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, GLONASS, Galileo, SBAS 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 SAC

Space Applications Centre (SAC) is one of the major centres of the Indian Space Research Organisation (ISRO). It is a unique centre dealing with a wide variety of disciplines comprising design and development of payloads, societal applications, capacity building and space sciences, thereby creating a synergy of technology, science and applications. The Centre is responsible for the development, realisation and qualification of communication, navigation, earth & planetary observation, meteorological payloads and related data processing and ground systems. Several national level application programmes in the area of natural resources, weather and environmental studies, disaster monitoring/mitigation, etc are also carried out.

About IFEN

IFEN GmbH is a leading provider of GNSS navigation products and services. IFEN's technology portfolio includes GNSS RF signal generators, software receivers, test ranges, simulation and data processing tools. 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.

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