



## Press Release

# Additional Enhancement for NCS TITAN GNSS Simulator Radio Occultation Simulation Now Supported by IFEN's NCS TITAN GNSS Simulator

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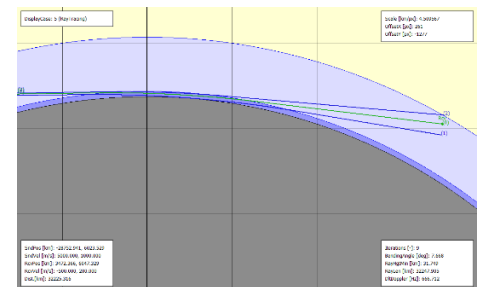
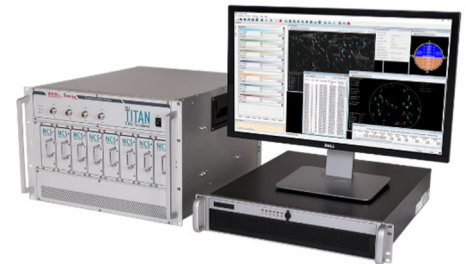
**Poing, Germany – IFEN GmbH, the leading manufacturer of GNSS navigation test solutions and services, today announced that its NCS TITAN GNSS Simulator now also supports the simulation of Radio Occultation.**

The NCS TITAN GNSS Simulator is a high-end, powerful but easy to use satellite navigation testing and R&D device. It is fully capable of multi-constellation and multi-frequency simulations for a wide range of GNSS applications. The NCS TITAN GNSS Simulator is one of the leading solutions on the market providing all relevant GNSS frequencies in one box.

A new key enhancement to the NCS TITAN GNSS Simulator is comprehensive support of Radio Occultation simulation. Occultations between GNSS transmitters and LEO receivers occur frequently due to the high dynamics of geometry changes between the GNSS satellites and the LEO satellites ([https://en.wikipedia.org/wiki/Radio\\_occultation](https://en.wikipedia.org/wiki/Radio_occultation)). By enabling real-time simulation of Radio Occultation, the NCS TITAN GNSS Simulator expands a user's simulation capabilities for space applications.

“The new feature is the next step in satisfying the GNSS testing needs of our customers involved in advanced space applications and demonstrates IFEN's ability to meet the test requirements of a wide range of customer applications.”, said Dr. Günter Heinrichs, Head of Client Solutions at IFEN GmbH. “The GNSS Simulators' advanced technology features and flexibility enables users to fulfil their needs in testing space applications across a very wide range of fields.”

The NCS TITAN GNSS Simulator is the first choice in signal simulation for diverse applications, including Space, Aviation, Defence, Safety-of-Life and many others.



### About IFEN

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