



# Press Release

IFEN GmbH · Press Office

Alte Gruber Strasse 6  
85586 Poing, Germany

Date 2011-02-02

## Official Opening of the German Galileo Test and Development Environment GATE

**Poing, Germany – German Federal Minister of Transport, Building and Urban Development, Dr. Peter Ramsauer, will officially open the German Galileo test and development infrastructure GATE with the operator IFEN GmbH.**

On 04.02.2011, Dr. Peter Ramsauer, the German Federal Minister of Transport, Building and Urban Development, will officially open the German Galileo test and development infrastructure GATE in Berchtesgaden. The official opening will be carried out in the presence of the operator of GATE, IFEN GmbH, and numerous guests invited.

GATE has now completed its signal upgrade phase according to the latest version of the ESA Galileo Signal-In-Space (SIS) Interface Control Document (ICD) and the European GNSS Agency (GSA) Public Galileo Open Service (OS) ICD after successful final acceptance by the German Space Agency of the DLR at the end of November 2010.

The GATE test infrastructure is now capable of transmitting the Galileo OS, the Galileo Safety-of-Life (SoL) Service (functional), the Galileo Commercial Service (CS) and a Galileo Public Regulated Service (PRS) dummy signal.

The GATE system upgrade has been further extended to also support user integrity testing. GATE is now capable of simulating simple feared events on system/satellite level, so that the GATE system will support GPS and GATE/Galileo dual constellation RAIM, individual user integrity test scenarios as well as test of receivers with different RAIM functionalities.

The next step will be the aspired certification of the GATE test infrastructure as an officially accredited open-air test infrastructure to perform the necessary tests needed for the certification process to certify Galileo SoL equipment.

### 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<sup>®</sup> - 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

Point of Contact Dr. Günter Heinrichs

Phone +49 (8121) 2238 – 20

Fax +49 (8121) 2238 – 11

E-Mail [press@ifen.com](mailto:press@ifen.com)

© 2011, IFEN GmbH

# Press Release



Date 2011-02-02

Page 2

navigation and integrity algorithms, design and development of GNSS software and hardware up to engineering of turnkey facilities and systems. For more information on IFEN, visit [www.ifen.com](http://www.ifen.com).

IFEN Contact:

Dr. Günter Heinrichs  
Head of Customer Applications  
Business Development