



# Press Release

IFEN GmbH · Press Office

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## Signal Upgrade and Certification of GATE

**Poing, Germany – The Space Agency of the German Aerospace Center (DLR) has awarded a contract for the signal upgrade and certification of the German Galileo Test and Development Environment (GATE) to IFEN GmbH, a leading European company in the area of GNSS applications and equipment.**

On 01.12.2008, a contract has been awarded by the Space Agency of the German Aerospace Center (DLR) to IFEN GmbH for the signal upgrade of GATE according to the latest versions of the ESA Galileo Signal-In-Space (SIS) Interface Control Document (ICD) and the GNSS Supervisory Authority (GSA) Public Galileo Open Service (OS) ICD.

GATE has completed its design, development and testing phase and reached its Full Operational Capability (FOC) after successful final acceptance by the Space Agency of the DLR end of July 2008. The commercial operation of GATE, open to all users worldwide, has been started on August 1<sup>st</sup>, 2008.

After completion of the signal upgrade end of 2009, the GATE test infrastructure will be capable of transmitting the new CBOC signal structure on the Galileo E1 frequency band and a broader bandwidth of 92.07 MHz on the E5 frequency band.

Another important goal of the system upgrade of GATE is the aspired certification of the GATE testbed as officially accredited open-air test infrastructure to perform the necessary tests needed for the certification process to certify Galileo Safety-of-Life (SoL) equipment.

The business portfolio of IFEN GmbH, a leading European company in the area of GNSS applications and equipment, covers a wide range of activities, from system studies over algorithmic research to software and hardware development up to complete turnkey and test systems. IFEN GmbH is also developing and marketing commercial products, applications and services related to satellite navigation. The ultimate focus of IFEN GmbH is to transfer its excellent navigation know-how into best solutions for our customers.

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