

Press Release



IFEN GmbH · Press Office

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New Generation EGNOS RIMS Receivers

Poing, Germany – The European Space Agency (ESA) has awarded a contract for the development of a ‘New Generation’ RIMS receiver breadboard to IFEN GmbH, a leading European company in the area of GNSS applications and equipment.

On 31.03.2008, a contract has been awarded by the EGNOS Project Office of the European Space Agency (ESA) to IFEN GmbH for the development of a breadboard of the ‘New Generation’ EGNOS Monitor Receiver for future upgrade of the European Navigation Overlay Service (EGNOS) Ranging and Integrity Monitoring Stations (RIMS) in the frame of the ongoing European GNSS Evolutions Programme.

The RIMS ‘New Generation’ breadboard development is related to the activities of the definition and development of a ‘Multi-Regional-System’ (MRS) in the frame of the GNSS Evolutions Programme, as logical extension of the current regional EGNOS capabilities.

The RIMS ‘New Generation’ breadboard developed by IFEN GmbH will be capable of receiving the new GPS L2c and L5 signals, the Galileo E1, E5ab and E6 signals and the GLONASS L1 signal in addition to the GPS L1 and L2P signals.

With the RIMS ‘New Generation’ breadboard and the NLES L1/L5 prototype (NLLP) as elements of the Support Platform for EGNOS Evolutions and Demonstrations (SPEED), currently also under development, a closed loop navigation system in the laboratory will be available, enabling testing on new developments for the future MRS and verification of operational EGNOS elements before integrating into the operational EGNOS system.

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 systems and services. The ultimate focus of IFEN GmbH is to transfer its excellent navigation know-how into best solutions for our customers.

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