

NEWS RELEASE

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Signal Processing Devices Sweden AB (SP Devices), Linköping, Sweden and the German Aerospace Center (DLR), Wessling, Germany today announced the plan to develop a new advanced airborne radar system.



SP Devices was awarded the prestigious project to develop a 12-channel data acquisition system including real-time data recording for DLR. The data acquisition is based on SP Devices high-speed Compact PCI Express digitizers and its extensive expertise in advanced signal processing.

A 12-channel, high-speed SSD (Solid State Disc) recording system will be optimized for recording the data from the digitizers. Other advanced features required are channel synchronization, image processing capacity and a 10 Gb Ethernet module.

The system is integrated into a custom enclosure to meet the tough environmental requirements for an airborne device. SP Devices is a leading specialist in signal processing technology with several patents in the field of analog-to-digital conversion.

“SP Devices have gained its deep experience in signal processing technology from telecommunications, test & measurement, and advanced physics”, said Tomas Wolf, CEO of SP Devices. And continued “This project is yet another example of how our customers can benefit from the know-how and expertise available from SP Devices”.

“This is an advanced radar system which is crucial for DLR in its research of SAR algorithms and we are pleased to start cooperating with the experts from SP Devices for this project”, said Andreas Reigber, Department Manager at DLR.

The new system will be ready for deployment in Q1 2014.

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About SP Devices

SP Devices (Signal Processing Devices Sweden AB and Signal Processing Devices Inc.) provides digital signal processing IP for the enhancement of analog-to-digital conversion and high-speed digitizers. The IP products are available for implementation in ASICs or deployed on FPGA platforms. SP Devices' portfolio of products enables customers to build systems with state-of-the-art analog-to-digital performance that advances the areas of test and measurement, software defined radio, radio base station transceivers, digital imaging, high-speed data acquisition and broadband communication. Additional company and product information is available at www.spdevices.com.

About DLR

DLR is the national aeronautics and space research centre of the Federal Republic of Germany. Its extensive research and development work in aeronautics, space, energy, transport and security is integrated into national and international cooperative ventures. In addition to its own research, as Germany's space agency, DLR has been given responsibility by the federal government for the planning and implementation of the German space program. DLR is also the umbrella organization for the nation's largest project execution organization.

DLR has approximately 7400 employees at 16 locations in Germany: Cologne (headquarters), Augsburg, Berlin, Bonn, Braunschweig, Bremen, Goettingen, Hamburg, Juelich, Lampoldshausen, Neustrelitz, Oberpfaffenhofen, Stade, Stuttgart, Trauen, and Weilheim. DLR also has offices in Brussels, Paris, Tokyo and Washington D.C.