

Avnet Silica demonstrating extensive range of products, technologies and knowhow across key application sectors at Embedded World 2018

Exhibiting with Avnet Abacus and Farnell Element 14, company to present more than 60 leading-edge product and application demos at the show

Poing, Germany, 31st January 2018 – Avnet Silica, an Avnet company (NYSE: AVT), has announced it will be exhibiting at Embedded World 2018 in Nuremberg, Germany from 27th February to 1st March. Avnet Silica will be located in Hall 1 at stand 1-370 to showcase a wide range of innovative solutions that target key markets including the Internet of Things (IoT), connectivity, security and embedded vision.

Avnet Silica will use its 250sqm booth to host demo and application solution areas, including more than 60 demonstrations of boards and tools across six demo-stations. These stations will include advanced technologies and products in the areas of: data acquisition; control; Microsoft[®] solutions; connectivity, safety and security; embedded software and services; and storage.



As well as the demo-stations, the Avnet Silica solutions area will showcase demos that address a range of challenges encountered by system design engineers and developers, including edge-to-enterprise IoT solutions, connectivity, security, embedded vision, and datacoms.

Special focus will also be provided on key technologies for the development of IoT products and systems. For example, the new Avnet Silica NB-IoT sensor shield will be on display: the board is Arduino compatible and enables connectivity via NB-IoT and LTE-Cat.M1, the latest LTE cellular based narrowband standards that have been developed for IoT applications. In addition, there will be demo solutions on the company's highly scalable cloud-based IoTConnect™ software platform, which uses Microsoft's enterprise-grade Azure hybrid cloud computing service. Applications that will be showcased on the booth include 'smart factory', 'smart asset monitoring' and 'smart connected worker' solutions.

Another major highlight is a demonstration of the Microsoft HoloLens, the first self-contained holographic computer that comes in the form of a pair of augmented/mixed-reality smartglasses. Enabling users to engage with digital content and to interact with holograms, the system is being used to show its capabilities in an industrial fill-level control system application that includes sensors and actuators.

The company will also be co-exhibiting in conjunction with Avnet Abacus and Farnell Element 14. Avnet Abacus will be using the show to present its advanced sensor, power and connectivity solutions for the IoT including products and technologies from Omron, Panasonic, TE Connectivity and Varta. Farnell Element 14 will be focusing upon embedded technologies, connectivity and the IoT, with advanced solutions from market leaders including ST, TI, BeagleBoard.org, Raspberry Pi and BBC Micro:bit. A demo highlight is an end-to-end data-to-cloud solution based on the BeagleBone Black platform and a Linux-based cloud gateway for long-range sensor data.

In addition, Avnet Silica has three speaking slots at the Embedded World Conference 2018:

Topic	Day / Time	Speaker
"High Resolution Multi-Camera Tool to Develop an Autonomous Vision System Solution"	Wednesday, February 28 14:00–14:30 (Session 25)	Michaël Uyttersprot
"TSN – Future Industrial Ethernet Standard or AVB 2.0?"	Thursday, March 1 10-10:30 (Session 35 I)	Torsten Rothe
"Timon, Rex and Tux: How TPMs and On-Chip Security Modules Improve Trust and Security in GNU/Linux"	Thursday, March 1 13:30-14:00 (Session 26 II)	Michael Röder

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About Avnet Silica

Avnet Silica is the European semiconductor specialist division of Avnet, one of the leading global technology distributors, and acts as the smart connection between customers and suppliers. The distributor simplifies complexity by providing creative solutions, technology and logistics support. Avnet Silica is a partner of leading semiconductor manufacturers and innovative solution providers over many years. With a team of more than 200 application engineers and technical specialists, Avnet Silica supports projects all the way from the idea to the concept to production. For more information, visit www.avnet-silica.com

About Avnet

From idea to design and from prototype to production, Avnet supports customers at each stage of a product's lifecycle. A comprehensive portfolio of design and supply chain services makes Avnet the go-to guide for innovators who set the pace for technological change. For nearly a century, Avnet has helped its customers and suppliers around the world realize the transformative possibilities of technology. Learn more about Avnet at: www.avnet.com.

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