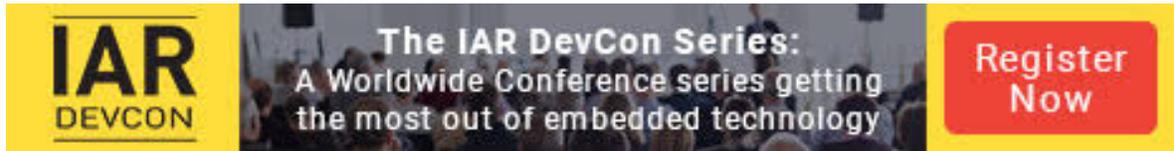


# Embedded Europe

Connecting Silicon, Software, and Strategies for Intelligent Systems

From the EMEA Editorial Office

MAY 2018



**IAR DEVCON** The IAR DevCon Series: A Worldwide Conference series getting the most out of embedded technology **Register Now**



## Now the Russians are hacking our routers

RICH NASS, BRAND DIRECTOR, AND BRANDON LEWIS, TECHNOLOGY EDITOR

It was recently reported that routers were being hacked, and ?Officials said they had high confidence that the Russian government was behind the campaign.? As we looked at solutions to the problem, the Embedded Insiders spoke to Steve Hanna, a Senior Principal at Infineon, and also Chair of the Embedded Systems Committee at the Trusted Computing Group.

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## An open source home automation solution

SANJEEV SHARMA, MENTOR GRAPHICS, A SIEMENS BUSINESS

The proposed system uses open source software and hardware, allowing for development to continue within the existing open source community. This type of system can be installed and configured without professional skills or physical alteration of the environment itself, due to its modular design and flexibility.

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Article Image

## Moving up the IoT value chain: Opportunities for telecom service providers

WARREN CHAISATIEN, ERICSSON

At the end of last year there were about half a billion IoT devices with cellular connections, and the IoT market is expected to continue to grow at an impressive rate. Within the next five years, it's expected that there will be 20 billion IoT connections across the globe, spurred by an accelerating uptake of cellular IoT connections.

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Article Image

## The next plateau for autonomous driving

RICH NASS

About a year ago, I reported on a story out of Mentor Graphics, that the company was releasing a chipset aimed at autonomous driving. The chipset, the DRS360, was based on a Xilinx Zynq FPGA. Fast forward to today, and Mentor Graphics is now a division of Siemens, and that gives them a little more muscle.

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the most out of embedded technology



## Rugged 10 GbE infrastructure equipment

BRANDON AUMILLER, CONGATEC

The new COM Express Type 7 specification defines high-end server-on-modules that support multiple 10 GbE connections. The modules simplify and optimize the design of infrastructure equipment in rugged environments, in particular with regards to the specific size, weight and power restraints of these applications.

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## IAR DevCon Series continues in Dallas

OPENSYSYSTEMS MEDIA

IAR Developer Conferences will be hosted in more than 30 cities around the world, starting in 2018 and continuing through 2019.

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Article Image

## Premier Farnell announces new global franchise with SiTime

ECD STAFF

This new franchise will give customers access to

SiTime's MEMS-based silicon timing solutions, which offer short lead-times, great features, high performance, low power, small size and high reliability.

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## Simplify Industrial-Grade Linux Designs

**Enable by the SAMA5D2 MPU-Based System On Module (SOM)**

The SAMA5D27 System-On-Module (SOM) eliminates the complexity of managing signal integrity, EMI and ESD for high-speed interfaces and power management in MPU-based industrial Linux designs. Built around the ATSAMA5D27C-D1G-CU System-in-Package, the SOM adds power management, non-volatile boot memory, Ethernet PHY and high-speed DDR memory onto a small single-sided PCB.



## Registration now open for International Robotics Showcase in Liverpool

STEVEN HANNA, TRUSTED COMPUTING GROUP

Public registration is now officially open for the International Robotics Showcase – a highlight event on Thursday 21st June that will mark the start of UK Robotics Week 2018, which returns from 21st – 29th June 2018.

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Sigfox launches Sens'it Discovery

ECD STAFF

Aware of the challenges those developers and business executives face, Sigfox has launched Sens?it Discovery, a simple and effective solution to discover, experiment, and increase their knowledge of the IoT.

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## Hardware Pioneers IoT and Connected Hardware Showcase - 7 June 2018, London

Discover some of the best UK IoT startups showcasing their products alongside leading technology providers in the sector. Join over 500 pioneers on the 7th of June in London and connect with the people reinventing the future of things.



### Imsys launches multipurpose display module and IoT development platform

ECD STAFF

EMBLA is optimized for development with machine-independent Java code or C and comes complete with either a 4.3 or 7-inch color touchscreen.

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## Open Source Technologies Driving Low Power Tracking Applications

**Sponsored by:** Sierra Wireless

**Date:** June 21, 11:00 a.m. ET

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