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Empowering Industrial IoT

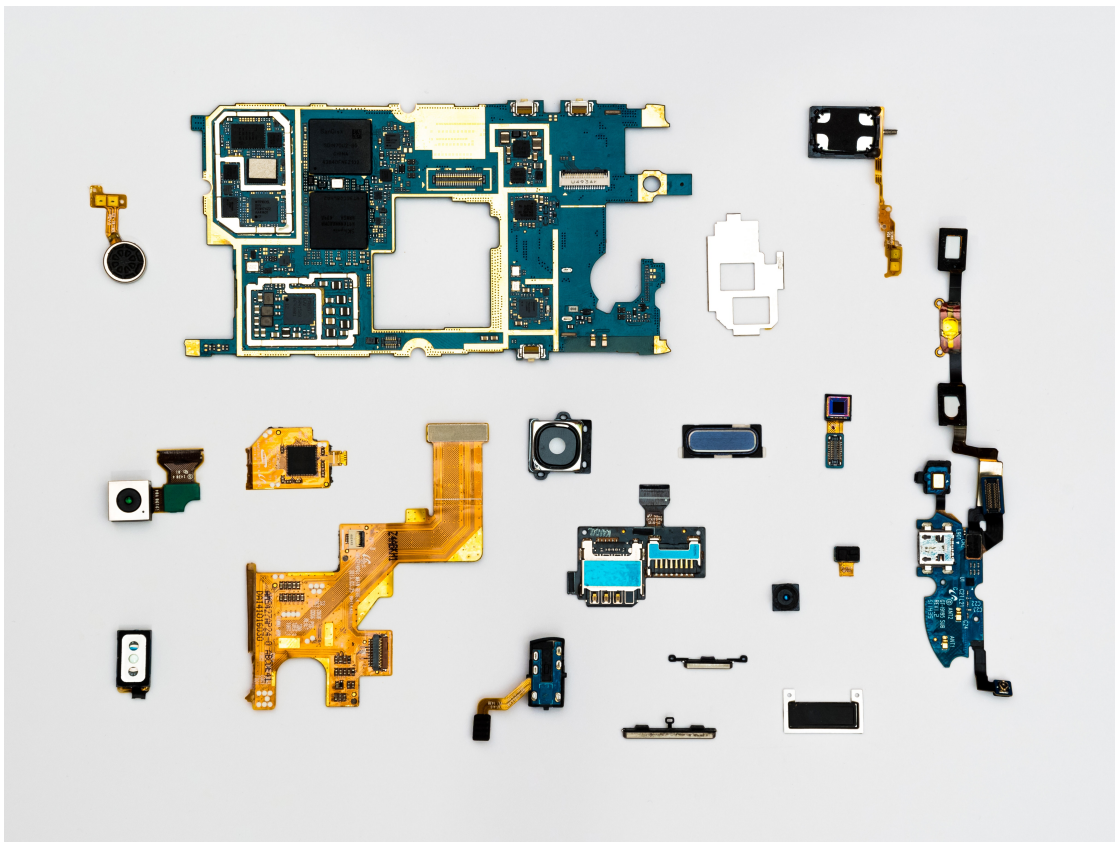


OPEN SOURCE DEVELOPMENT FEATURE

## **SOSA Consortium's C4ISR Demonstrator System Shows Value of Open-Source Tech in Mil/Aero Apps**

The military community is specifically reluctant to adopt more open development methods due to the secretive nature of military capability disclosure. Yet there are areas in core platform development that can benefit from an open-source approach.

[Read more](#)



EMBEDDED PROCESSING NEWS

### **Renesas Unveils RA MCU family based on Arm Cortex-M**

The RA family is PSA Certified Level 1 and includes the RA2 series (operating at up to 60 MHz), the RA4 series (up to 100 MHz), the RA6 series (up to 200

MHz), and the still-to-come dual-core RA8 series.

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Offers secure cloud communication and edge intelligence with the inclusion of the Azure IoT Edge Security Daemon and onboard TPM 2.0.

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EMBEDDED PROCESSING NEWS

**Microchip Releases RT PolarFire FPGA**

Microchip Technology Inc. released the RT PolarFire FPGA that is enhanced to satisfy demands for spacecraft payload systems? high-speed data paths with minimal power consumption and heat generation.

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**AMTELCO XDS Telephony Gateway Appliances**

Help for embedded and Internet of Things (IoT) design engineers to efficiently identify evaluation kits for system prototyping.

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POWER ELECTRONICS NEWS

**Sensata Technologies Releases Compact, 3-Phase DR67 and PM67 Solid State Relays**

These two new SSRs include high power density of up to 75 amps at 600 VAC per channel at 40°C in a small package that's simple to mount.

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WEBCAST

**Building with the Most Trusted Autonomous Vehicle Platform**

Sponsored by: **RTI**

Date: **October 31, 11:00 a.m. ET**

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SPONSORED BLOG

**Compact Industrial PCs Bolster Compute Power, Graphics and IoT Connectivity**

Industrial designs are evolving with a steady rise in compute and graphics capabilities as well as the availability of flexible network configurations via I/O and wireless connectivity mechanisms to serve a wide array of applications in factory automation, automated test equipment, smart warehouse, digital signage and medical equipment.

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#### EMBEDDED EXECUTIVE PODCAST

## Embedded Executive: Andrew Longhurst, Managing Director, WITTENSTEIN High Integrity Systems

The semiconductor content in today's (and tomorrow's) automobiles continues to grow, including malicious actors. As more end points appear in the vehicle, more entry points become vulnerable to hackers. This week's Embedded Executive, Andrew Longhurst, Managing Director, Wittenstein High Integrity Systems, discusses.

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