

The advertisement banner features the Congatec logo on the left, which consists of an orange hexagon with a white 'C' inside. To the right of the logo, the text reads "Performance at the Edge" in orange, followed by "SMARC 2.1 based on Intel® Atom® x6000E Series" in white. Below this text is a white button with the text "Watch Video" in orange. On the right side of the banner is an image of a green SMARC module with a white processor chip, outlined in orange.

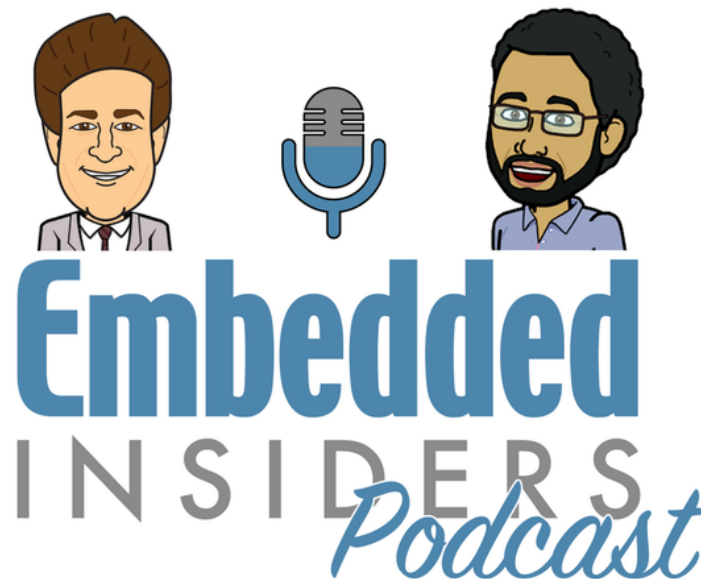
## CYBERSECURITY FEATURE

### Industry Leaders Make Big Plays for Small AI

In this edition of the Embedded Insiders, Brandon and Rich discuss the semantics of AI and intelligent technology and what qualifies as a smart system these days.

Have marketing engines turned these into over used terms? Are they even being used correctly?

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## PROCESSING NEWS

### ams Delivers Accurate Digital Temperature Sensor for Wearable Devices and Data Centers

The AS6221 achieves measurement accuracy of  $\pm 0.09^{\circ}\text{C}$ , over a temperature range from  $20^{\circ}\text{C}$  to  $42^{\circ}\text{C}$ , making it ideal for the measurement of human body or skin temperature. Also, per the company, no competing digital temperature sensor on the market today can achieve accuracy better than  $\pm 0.10^{\circ}\text{C}$ .

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Embedded Toolbox: Create Your Own CBRS Network with MultiConnect

## Microcell for Remote Learning

Where you live and what school you go to can determine your remote learning experience. In this episode, we implement low-cost, moderate-performance CBRS networks to get ahead of the bell curve.

Sponsored by **MultiTech Systems, Inc.**

### INDUSTRIAL CONNECTIVITY NEWS

#### **Digi International Releases Digi IX10 Industrial Router**

Digi International released its Digi IX10 industrial router. Built to provide connectivity in industrial infrastructures, the newest member of the Digi IX industrial cellular router family, can operate well with digital signage, asset monitoring, and retail applications.

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#### **Embedded Toolbox: The Ins and Outs of IP Protection for Embedded Systems**

According to analysts, IP theft costs industry a staggering \$500 to \$600 billion per year. With more than half a trillion dollars at stake, you'd think that IP protection would be top of mind for many electronic device manufacturers.

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### EMBEDDED CAMERAS NEWS

#### **OmniVision, Ambarella, and Smart Eye Partner on Combined Driver Monitoring and Videoconferencing Camera Solution**

Solid State Disks (SSD), a storage systems design, development and integration company, has launched HotBackup, a solid state live-host backup solution suited for process and mission-critical legacy computer systems.

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### ADVERTISEMENT

#### **IoT Development Kit Guide**

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

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### SPONSORED WHITE PAPER

#### **Important Design Considerations for Electronic Devices - Part 4: Data Security**

With ever-increasing data comes an ever-increasing need for data security. Bad actors - cybersecurity adversaries trying to get to your data - are getting better and are keeping up with data security advancements.

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### SPONSORED ARTICLE

#### **Save Licensing Costs with Windows 10 IoT Enterprise LTSC**

The Windows 10 IoT Enterprise LTSC 2019 is the best option for embedded and IoT devices. These devices have fixed functionality and are built to perform a pre-defined set of tasks.

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### **Automotive Safety Using the IoT**

Cars and other vehicles are so much safer now than they were just a few years ago, and that trend will continue. Ironically, the more we take the user out of the equation, capitalizing on active safety control systems, the safer the vehicles will become.

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### **Platform Is Perfectly Suited for Medical Applications**

Advances in computer-aided healthcare are coming at us at record-breaking speed. While that in itself can be considered a success, it's the specific end applications—as well as the patients—that really reap the benefits of these programs.

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### **Solving Common IoT Security Issues with TPM**

Sponsored by **Infineon**

Date: **December 15, 11:00 a.m. ET**

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EMBEDDED EXECUTIVE PODCAST

### **Arduino Opl? IoT Kit**

If you're just getting into IoT technology, you're late to the party. Fortunately, the Arduino Opl? IoT Kit is an edge-to-cloud IoT system that's backed by tons of helpful tutorials and getting-started projects that will have you partying in no time. You can get it from the official Arduino store for \$114. Or, you can enter this week's raffle and try to win one for absolutely free!

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