



Friday 7/10

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SECURITY DEVELOPMENT TOOLS FEATURE

## Simplifying IoT Security from Inception through Deployment

Securing connected devices begins far sooner than most think, and extends far beyond the job of a single engineer or company. Even in systems that utilize robust components, vulnerabilities can present themselves as early as the semiconductor manufacturing stage and persist throughout firmware development, application programming, and connecting devices to networks.

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IoT DEVELOPMENT KITS NEWS

### BlueNRG-2 Development Kit from STMicroelectronics Reveals Bluetooth 5.0 Performance and Efficiency

The STMicroelectronics STEVAL-IDB008V1M Bluetooth Low Energy 5.0 (BLE) evaluation platform is designed to accelerate application development with modules, featuring BlueNRG-2, the company's second-generation BLE System-on-Chip (SoC).

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Security Can Differ Depending on Your Location, Application, and Other

## Variables

The regulations for security differ depending on the location. Make sure you understand the rules for the region where your end product is going to deploy.

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### WIRELESS NETWORKING NEWS

## **Synaptics Acquires Rights to Broadcom's Wireless IoT Connectivity Business**

Synaptics announced a definitive agreement to acquire the assets and manufacturing rights of wireless IoT business, Broadcom. The deal is worth approximately \$250 million all-cash.

[Read more](#)

### INDUSTRIAL IoT NETWORKING NEWS

## **RTI and SoC-e Partnership Announce New Partnership, Enhance Communications Performance Optimization**

Real-Time Innovations (RTI) and SoC-e together announced a new partnership. The companies will provide Data Distribution Service (DDS) and TSN solutions for those seeking communications performance optimization over distributed systems.

[Read more](#)

### WIRELESS NETWORKING NEWS

## **ON Semiconductor Released the RSL10 Mesh Platform**

ON Semiconductor released a Bluetooth Low Energy mesh networking solution based on the company's ultra-low-power RSL10 System-in-Package (RSL10 SIP). The solution has elements needed for the development and deployment of mesh networks.

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### WEBCAST

## **Shorten Development Time of Edge AI Solutions**

Sponsored by: **Connect Tech, NVIDIA**

Date: **July 14, 2:00 p.m. ET**

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### EMBEDDED INSIDERS PODCAST

## **Defining Digital Twins**

In this edition of the embedded insiders, Brandon and Rich discuss how digital twins that reflect physical IoT systems can not only record the status of real-world devices, but simulate how the device could react under certain conditions in the future. And, how these twins can also potentially be used to help inform future designs.

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