

IoT Design Weekly, the industry source for products, news, and technologies supporting Internet of Things developers.

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Features



How to Retrofit Industry with Wireless IoT Connectivity

The following describes how Clarinox helped Harris Corp. transition tactical radios to modern, standards-based wireless technologies within their existing functional, form factor, and cost requirements.

Embedded Solutions for Industrial IoT

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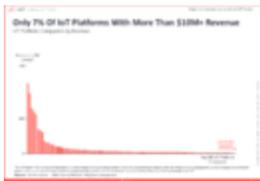
[IoT and the Edge Panel Discussion](#)

Sponsor: Intel, Kontron, RTI, Wind River
Date: April 23, 2:00 p.m. ET



Why Containers Are the Future of the IoT

In the world of agile software development containers are remarkable tools. Because IT and OT are becoming interdependent and closely connected, they often need to use the same design approaches. One of the most important developments arising from this convergence is the advent of containers for IoT.



Edge-to-Cloud-Ready Platform Expedites IoT Transformation

What's required for an IoT platform that enables a continuum of intelligence from edge to cloud is an organization with intimate experience in developing domain-specific industrial systems, as well as a sustained success in the enterprise networking arena. Unfortunately, the intersection of these two competencies is less common than originally thought.



Newark User Survey Shows New Insights on Raspberry Pi Market

New findings from Newark's global user survey on the Raspberry Pi single-board computer reveals why and how professionals and makers use Raspberry Pi.

Hex Five and wolfSSL Release First Secure IoT Stack for RISC-V



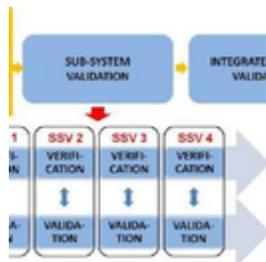
How 5G will Affect the Internet of Things

The real benefits of 5G are in new wireless applications as well as replacing traditionally wired networks with the flexibility of wireless. And that means the IoT may be poised for a lot of changes.



5G Adds Distributed Cloud Capability for Intelligent Edge

Intelligent edge compute elements make up a distributed cloud environment where there is a certain level of command and control at the edge.



End-to-End Testing for IoT Eco System and Importance of Multistage Validation

End-to-end IoT solutions need to undergo thorough quality engineering. This means that every component must be tested. Such testing falls under the umbrella of multi-stage validation.



wolfSSL and Hex Five Security release the first secure IoT stack for RISC-V, integrating hardware-enforced separation between FreeRTOS, the TCP/IP stack, and root of trust.



Semtech Launches LoRa Cloud Geolocation

LoRa Cloud Geolocation is compatible with the LoRaWAN protocol and virtually any network server .



Senet and Arrow Electronics Streamline Global IoT Network Connectivity

Per the global agreement, Arrow will provide Low Power Wide Area Network (LPWAN) gateways pre-configured to run on the Senet network.

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Contact the editor, **Brandon Lewis**