How to Protect Embedded Systems from the Quantum Apocalypse

The Quantum Apocalypse is coming. Sound scary? Well it can be. If you have information, systems, and devices that need to be kept secure and private, your organization needs to prepare.

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Migrating to Quantum-Safe Cryptography

IoT SECURITY NEWS

wolfSSL Announces Expansion of Cryptographic Benchmarks

In an effort to help users enhance sizing, transmission rates, connection speeds, and cryptography performance, wolfSSL includes a version of its benchmark suite in every download. Additionally, the benchmark application runs performance tests on wolfCrypt?s algorithms.

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IoT DEVELOPMENT KITS NEWS

AAEON and Aotu.ai Announce the Release of a Smart Vision AI Developers Kit on an Intel AI Platform for IoT

The BrainFrame Edge AI DevKit provides a new paradigm in creating solutions such as vision-based access control, uniform compliance, manufacturing automation, and video analytics.

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5G NETWORKING NEWS

Fibocom FM150 5G Module Empowers LiveU's LU800, the Industry's First Production-Level 5G Live Streaming Unit

The LU800 combines multi-camera and video/audio capabilities with mission-critical transmission in a native 5G unit. It supports 5G/4G/3G multi communication technologies empowered by Fibocom FM150 5G module, enabling the seamless transmission of 4K videos in real-time over 5G network. Read more

WEBCAST

Secure Boot Process is the First Step to a Secure Design
Sponsored by: IAR Systems
Date: September 2, 11:00 a.m. ET
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IoT NETWORKING FEATURE

Tear Down: YoLink LoRaWAN Smart Hub

When first introduced to the concept of using LoRaWAN for home automation, I was skeptical. The bandwidth for LoRaWAN is really low compared to something like WiFi and isn't as pervasive as Bluetooth. However, if you use the protocol for endpoints and sensor nodes that don't require high bandwidth, it works surprisingly well (at least I was surprised). While you're not going to be streaming video over LoRaWAN anytime soon (or ever), there are a handful of places where it makes perfect sense. Read More