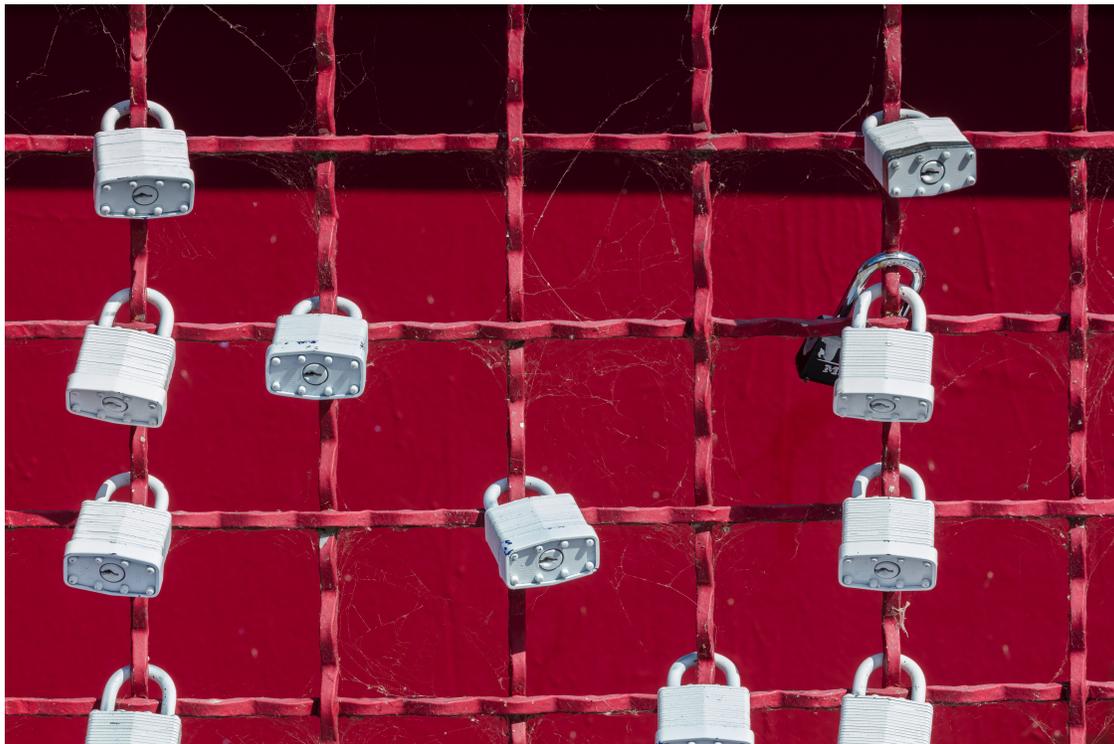


IoT SECURITY FEATURE

Fundamentals of IoT Security

Both device manufacturers and ecosystem developers must have simple, scalable and sustainable IoT security strategies in place to achieve short- and long-term business objectives.

[Read more](#)



SPONSORED

Didn't Make it to embedded world 2020? No Problem!

NXP is excited to bring you the NXP eXperience, an online interactive destination with all of our news, content, and training as it was originally planned for the show.

[LEARN MORE](#)

5G NETWORKING FEATURE

The 5G Infrastructure Race is On

For a while Huawei seemed to have a lock on much of the world's initial 5G infrastructure build-out across the radio access network. Then geo-political concerns threw that into question. Now, all indications are that we're back to a level playing field as long as the other players can ramp up quickly on the radio technology. The doors are wide open, however 5G creates significant new

demands on baseband systems.

[Read more](#)

EMBEDDED NETWORKING FEATURE

Putting the Customer First ? Designing for the Whole Application

I am always interested in hearing about companies who claim they have ? connected? products already in the market. Usually, when I dig deeper to find out what these applications are and how they work, it would appear that these companies do indeed have a connected product.

However, they are clearly not putting the customer first.

What's the problem here?

[Read more](#)

BEST IN SHOW: EMBEDDED WORLD 2020

Embedded Computing Design's Best in Show at embedded world 2020

Embedded Computing Design is pleased to announce all 21 winners, across eight categories, of this year's Best in Show at the embedded world trade show in Nuremberg, Germany.

[READ MORE](#)

NETWORK TEST & MEASUREMENT NEWS

Rohde & Schwarz and Decawave Develop T&M Capabilities for Ultra Wideband Technologies

As part of the cooperation, Decawave provided knowledge of the required test strategy and test methods, as well as the Decawave DW3000 as test device. Rohde & Schwarz has added UWB test capabilities to their R&S CMP200 radio communication tester, making it able to provide R&D and production RF tests for both 5G FR2 and UWB functions.

[Read more](#)

IoT DEVELOPMENT TOOLS & OPERATING SYSTEMS NEWS

Percepio Launches DevAlert Cloud Service for Remote Monitoring and Diagnostics of Deployed IoT Devices

Percepio DevAlert, which during its beta-testing period was known as Device Firmware Monitor, is cloud service that works with AWS IoT Core and supports FreeRTOS, and ThreadX-based firmware.

[Read more](#)

IoT SECURITY NEWS

Kudelski Group Becomes Leading Implementer of GSMA's IoT SAFE Capability for SIM-based IoT Security

The integration will enable IoT device manufacturers and IoT service providers to leverage the SIM as a scalable and standardized hardware Root of Trust to protect IoT data communications.

[Read more](#)

5G NETWORKING NEWS

u-blox Extends SARA-R4 family of LTE-M / NB-IoT and EGPRS Cellular Modules

u-blox extended its SARA-R4 family of LTE-M / NB-IoT and EGPRS cellular modules to include variants with the hardware and software features necessary to enable end-to-end security features and services for Internet of Things data, devices, and ecosystems.

[Read more](#)

EMBEDDED NETWORKING NEWS

Miromico AG Develops LoRaWAN FMLR-6x-x-MA62x Module Leveraging a Maxim Integrated Microcontroller

Miromico's FMLR-6x-x-MA62x is a compact, low-power wide-area network (LPWAN) wireless module that supports the LoRaWAN long-range wireless protocol. It measures just 8.6mm x 9.3mm and is, to the best of our knowledge, the smallest LoRaWAN module ever produced.

[Read more](#)

EMBEDDED NETWORKING NEWS

Nordic Semiconductor Announces the nRF52820 Bluetooth 5.2 SoC

The nRF52820 features a 64-MHz 32-bit Arm Cortex-M4 processor and includes 256 KB Flash and 32 KB RAM making it an ideal single-chip option for a wide range of commercial and industrial wireless applications.

[Read more](#)

WEBCAST

Security: The Next Imperative in Medical Systems

Sponsored by: RTI

Date: **March 31, 2:00 p.m. ET**

[REGISTER NOW](#)

5G NETWORKING NEWS

N.A.T. Develops NIB System for Massive MIMO Networks, Scalable Phased Antenna Arrays

The solution, which consists of the NAMC-SDR and NAMC-ODSP modules, can be integrated into N.A.T. system enclosures. This provides a base transceiver station (BTS) infrastructure solution in-a-box.

[Read more](#)

POWER ELECTRONICS NEWS

iMOTION IMC300 Adds Arm MCU

Infineon announced it will be releasing the IMC300 motor controller series. The series combines the iMOTION Motion Control Engine (MCE) with an additional microcontroller based on the Arm Cortex-M0 core.

[Read more](#)

POWER ELECTRONICS NEWS

STMicroelectronics reveals SRK1001 Synchronous-Rectification Controller for Power Adapters

The SRK1001 features programmable blanking time after both turn-on and turn-off to prevent noise from inducing spurious behavior, designed for fast turn-on with minimum delay and turn-off logic.

[Read more](#)

POWER ELECTRONICS NEWS

Trinamic Offers Two Scalable Driver Solutions for High-Power Stepper Motors

The TMCM-1278 combines a motion controller and driver in a single module designed for NEMA 23/24 motors. The PD60/86-1278 PANdrive is a full mechatronic solution that mounts the module on a NEMA 24/34 PANdrive motor. Controlled by a CAN bus interface, both products support Trinamic's own TMCL firmware and CANopen.

[Read more](#)

EMBEDDED HARDWARE NEWS

MIPI Camera Support: Application-Ready and Onboard

congatec announces the new congatec embedded vision platform for the NXP i.MX 8 processor series based on a modular 3.5-inch carrier board. It is available with various SMARC Computer-on-Module configurations and comes with the 13 megapixel Basler BCON for MIPI camera module.

[Read more](#)

EMBEDDED HARDWARE NEWS

SECO Releases New COM EXP T7 Development Kit

SECO has released the COM Express T7 DEV KIT, a Cross Platform Development Kit compatible with both x86 and Arm COM Express Type 7 modules.

[Read more](#)

SECURITY DEVELOPMENT TOOLS & OPERATING SYSTEMS NEWS

Secure Thingz Extends Security Offering with Secure Desktop Provisioner

Secure Thingz announced the availability of its Secure Desktop Provisioner. The new product extends the normal development environment to include the generation, storage, and provisioning of cryptographic keys.

[Read more](#)

IoT DEVELOPMENT TOOLS & OPERATING SYSTEMS NEWS

aicas Advances IoT Software Management with Embedded Device Portal

JamaicaPortal enables businesses to look beyond data collection and discover the full value of the IoT by managing not just the data coming in from devices, but also monitoring and continually adapting their behavior to the task at hand.

[Read more](#)

EMBEDDED WORLD VIDEO INTERVIEWS

Embedded Computing Design's embedded world 2020 Video Interview Series

Check out everything you missed at embedded world 2020 in this series of interviews and product demonstrations brought to you by Embedded Computing Design.

[TUNE IN](#)

Nürnberg, Germany

25.–27.2.2020



embeddedworld

Exhibition & Conference

... it's a smarter world

Share



Contact us

View the latest

[Embedded Products](#) | [Embedded News](#)

View the latest news, articles, white papers, and blogs from our channels
[IoT](#) | [Dev Tools & OS](#) | [Automotive](#) | [Industrial](#) | [Hardware](#) | [Networking](#) | [Processing](#) | [Storage](#)