

THERMAL DETECTION FEATURE

Thermal Detection, Computer Vision Could Help Curve the Coronavirus Pandemic

The coronavirus pandemic quickly overwhelmed the healthcare infrastructure of countries around the world. In the United States, for instance, the situation was exacerbated by the initial release of faulty test kits, which subsequently resulted in an inability to accurately screen potential patients for the disease.

However, there were also missed opportunities to pre-screen potential coronavirus carriers at ports of entry. Rather than surveying unsuspecting carriers about their recent travels, authorities like the Transportation Security Administration could have benefitted greatly from the use of AI-enabled computer vision technologies capable of detecting symptoms associated with COVID-19 ? such as fevers and abnormal respiratory patterns ? with high precision and in real time.

[Read more](#)



OPEN SOURCE NEWS

MEEP Project: A Flexible System Supporting Next Generation European Open Source Software and Hardware

Launched by the Barcelona Supercomputing Center (BSC), the European

project "MareNostrum Experimental Exascale Platform," (MEEP) supports the goal of the European Union program EuroHPC to create competitive European technology integrated into future exascale supercomputers.

[Read more](#)

AUTOMOTIVE AND SOFTWARE NEWS

BlackBerry Launches New Solution to Strengthen Automotive and Embedded Software Portfolio

BlackBerry Limited announced the launch of QNX Black Channel Communications Technology, a new software solution that OEMs and embedded software developers can use to ensure safe data communication exchanges within their safety-critical systems.

[Read more](#)

STORAGE NEWS

Denchi Unveils SLICE Energy Storage Platform

Denchi Group announces the commercial availability of SLICE. Based on the company's Li-Ion battery technology, Denchi's SLICE is a scalable and adaptable energy storage solution.

[Read more](#)

INDUSTRY NEWS

Arm, WITTENSTEIN High Integrity Systems Extend Partnership to Deliver Highly Optimized Software Packages

WITTENSTEIN high integrity systems (WHIS) and Arm announced the companies will continue their partnership by integrating WHIS into the Arm Functional Safety Partnership Program.

[Read more](#)

CLOUD CONNECTIVITY NEWS

Laird Connectivity Announces New Multi-Wireless Gateway Variant for Bridging LoRaWAN Devices to the Cloud

Laird Connectivity has announced a new flexible multi-wireless gateway for bridging LoRaWAN devices to the cloud. The Sentrius RG191 + LTE Gateway is a LoRaWAN-enabled gateway version that now provides Wi-Fi, Ethernet, and Cellular in one solution.

[Read more](#)

FREE CLOUD-BASED LICENSING NEWS

Wibu Systems Supports ISVs with Free Cloud-Based License Containers for Home Workers

Wibu-Systems is delivering a key element in the process, a free license container that lives in the cloud and can hold multiple licenses for all home office workers, the CodeMeter Cloud.

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LoRa ALLIANCE NEWS

LoRa Alliance Introduces Certification Affiliate Program

The purpose of the new program gives non-LoRa Alliance members to receive LoRaWAN device certification. Full protocol testing, interoperability, an RF performance are included in the program.

[Read more](#)

Spirent Releases SimHIL, HIL Software Testing Solution

Spirent Communications announced the release of SimHIL, an integrated hardware-in-the-loop (HIL) testing software API for Spirent GNSS simulators. The testing software promotes Global Navigation Satellite System (GNSS) signal simulation with low latency to automotive industry HIL testbeds.

[Read more](#)

WEBCAST

Embedded University Automotive Class 1: The Software Future of the Automotive Industry

Sponsored by: RTI

Date: **May 7, 2:00 p.m. ET**

[REGISTER NOW](#)

IoT CaaS NEWS

u-blox Acquires IoT Communication-as-a-Service Provider Thingstream

u-blox announced it has acquired IoT Communication-as-a-Service provider, Thingstream. Thingstream provides IoT connectivity solutions using the industry standard MQTT protocol.

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EMBEDDED IMAGE TESTING NEWS

L?hnert Elektronik Integrating QAR Quality Imaging Tester from Rohde & Schwarz

L?hnert Elektronik is integrating the R&S QAR Quality Automotive Radome Tester from Rohde & Schwarz into its new end-of-line test benches for automotive radomes.

[Read more](#)

SOFTWARE DEBUG NEWS

SEgger Announces Support for SiFive Insight Debug, Trace Platform

As SEGGER strengthens its position within the RISC-V instruction set architecture, the company announced its J-Link probes deliver support for the new SiFive Insight debug/trace solution. The support includes SiFive's latest Nexus-based trace implementation.

[Read more](#)

DEVELOPMENT TOOLS AND OPERATING SYSTEMS NEWS

AMPERE Project from Barcelona Supercomputing Center (BSC)

Barcelona Supercomputing Center (BSC) began a new project called AMPERE. It is a model-driven development framework for parallel and energy-efficient computation supporting multi-criteria optimization.

[Read more](#)

IoT GATEWAY NEWS

Laird Releases New Multi-Wireless IoT Gateway

Laird Connectivity launched its new multi-wireless Sentries IG60-BL654 gateway for secure and reliable connectivity from Bluetooth sensors to the

cloud.

[Read more](#)

DEVELOPMENT TOOLS AND OPERATING SYSTEMS NEWS

IAR Systems Announces C-Trust is now Supporting LPC55S6x MCUs from NXP

IAR Systems announced its security tool C-Trust is now supporting the Arm Cortex-M33 based LPC55S6x MCUs from NXP Semiconductors. The MCUs will assist companies in easing the implementation of security in their applications.

[Read more](#)

IoT EDGE GATEWAY NEWS

Eurotech Extends its Portfolio of Railway-certified Modular IoT Edge Gateways

Eurotech released the BoltGATE 20-31, a new family of Modular IoT Edge Gateway. The family provides a modular solution that addresses the challenges of applications for smart transportation.

[Read more](#)

EMBEDDED SENSORS NEWS

STMicroelectronics Releases New Vibration-Sensing Solution

STMicroelectronics released the IIS3DWB, a new vibration-sensing solution for maintenance of factory equipment

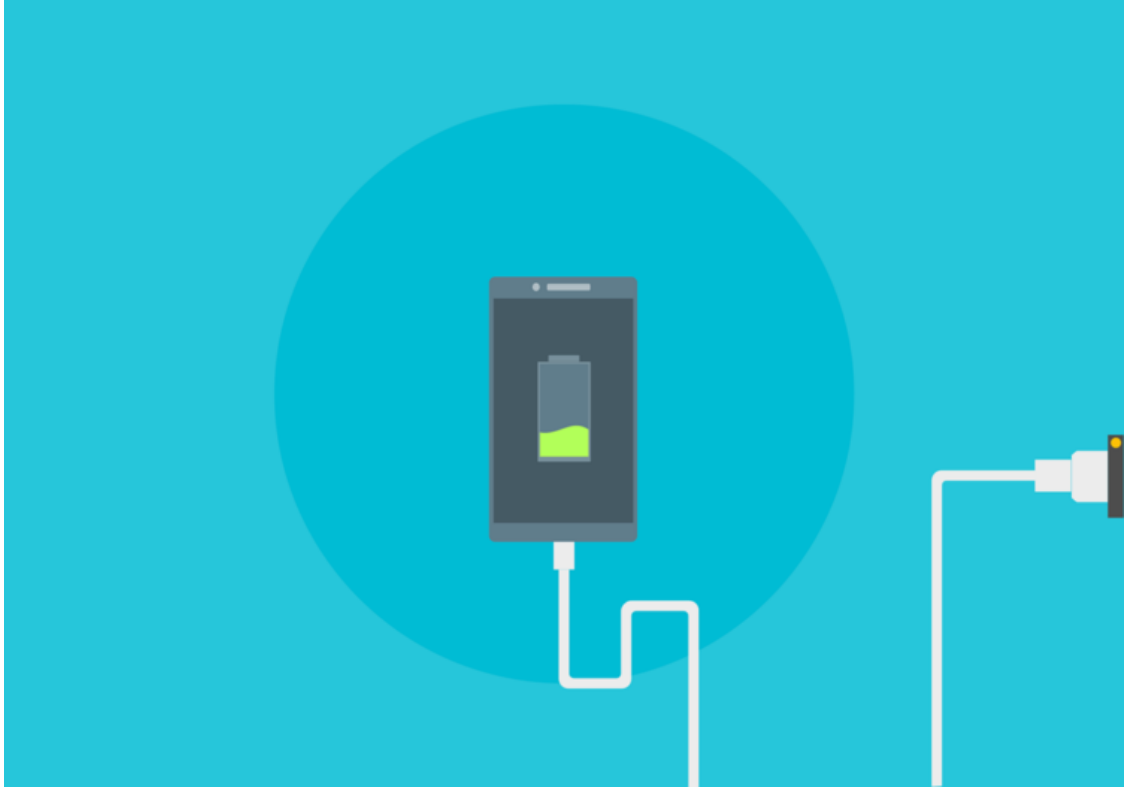
[Read more](#)

BLUETOOTH FEATURE

The Future of Battery-Free Bluetooth Devices

With the proliferation of the Internet of Things (IoT), a multitude of wirelessly connected devices have entered the market. While electrical power cords are no longer required, the use of batteries is still a continued challenge in the market today. It is predicted there will be more than 35 billion connected IoT devices worldwide by 2023.

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