

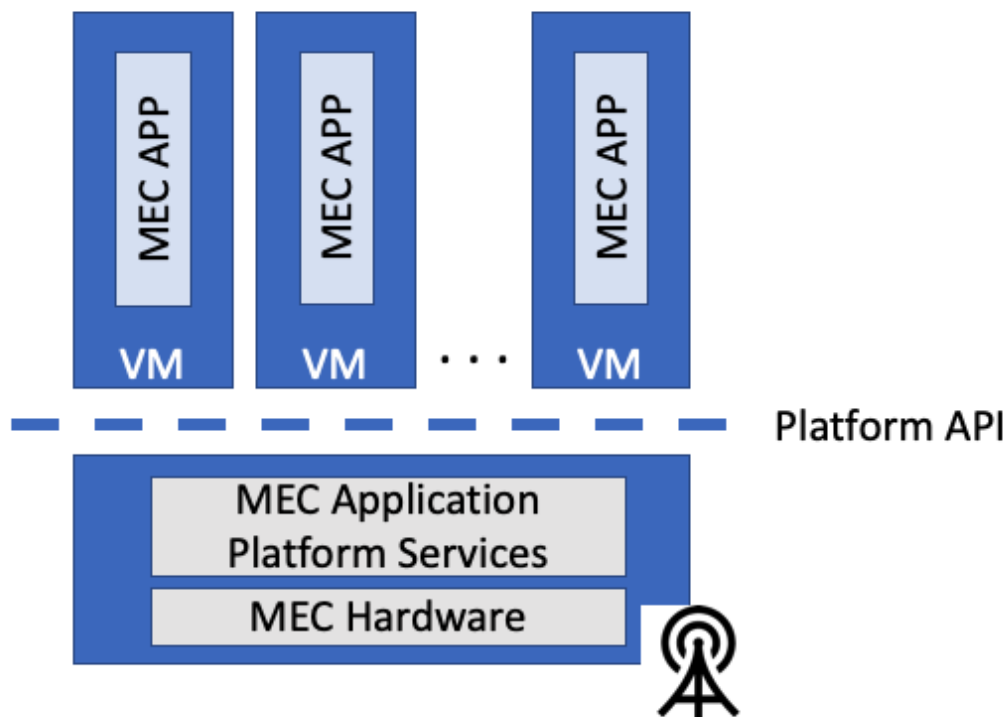


5G NETWORKING FEATURE

5G Primer Part 4: 5G Intelligent Edge

5G represents the convergence of IT systems architecture with telecommunications network architecture. If you know enterprise virtualization, you'll find the MEC reference architecture familiar.

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INDUSTRIAL IoT FEATURE

Putting Industrial in the Internet of Things

IIoT applications require systems that can operate efficiently in unpredictable and often extreme and harsh environments. It's where production errors and asset loss can potentially occur due to those extreme conditions. Fanless systems at the edge of the network can help overcome these obstacles, while delivering noise-free performance, excellent thermal controls, dust immunity,

and energy efficiency.

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IoT DEVELOPMENT TOOLS & OPERATING SYSTEMS FEATURE

Distributed Database Systems? Relevance to the Internet of Things

This paper will cover the types of distributed database systems in the context of edge, fog and cloud computing, explain when, how and why? the data is distributed, and why those details make certain distributed database systems applicable (or not) to specific needs in edge, fog and cloud computing.

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Free Whitepaper: IoT Security Top 20 Design Principles

In a competitive market, it is important to find a differentiator for your products, and often a competitive advantage is sought through adding smart features and connecting products to business networks or the internet. However, as new features and connections are added, the security of such systems is often degraded. Fortunately, there are some simple steps that can be taken to increase the security of connected systems.

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IoT DEVICE MANAGEMENT NEWS

Verify Security to Demonstrate DOME a Zero-Touch Onboarding and Device Management Solution for RISC-V Processors

DOME provides processor-level quantum-resistant identification, authentication, and data management for low-resource IoT devices across a wide range of platforms including RISC-V, ARM, FPGAs, microcontrollers, and ASICs.

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IoT SECURITY NEWS

ArtiMinds? and Wibu?s Robot Programming Solutions Leverage the Promise of the IIoT

CodeMeter licensing and security has been integrated into ArtiMinds? industrial robot programming software (RPS) suite, which combines online and offline programming to create robot programs without the need to write source code.

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Minimize Equipment Downtime with Intelligent Machine Condition Monitoring

MCM-100 is an ultra-compact machine condition monitoring platform that unleashes a predictive approach to machine maintenance using data and analytics.

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IoT DEVELOPMENT TOOLS & OPERATING SYSTEMS NEWS

Eurotech to Offer IoT Solutions With Microsoft-Verified Hardware and Software

The combination of Eurotech's rugged Multi-service IoT Edge Gateways ? enriched with Everyware Software Framework (ESF) - and Microsoft Azure IoT services, offers a solid foundation to quickly develop and deploy secure and scaling Edge-to-Cloud IoT applications.

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IoT Development Kit Guide

Help for embedded and Internet of Things (IoT) design engineers to efficiently identify evaluation kits for system prototyping.

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INDUSTRIAL IoT SECURITY NEWS

ADS-TEC Offers Universal Entry-Level Industrial Firewall

The devices are equipped with four 100 Mbps ports, and can be mounted a DIN rail, and offer the basics to ensure communications in the IIoT are as secure as possible. Compatible with the Company?s Big-LinX IIoT platform, the flexible modules can be integrated into an OpenVPN infrastructure, or tunneled using existing proxy servers via port 443.

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WEBCAST

Windows 7 has run its course. Know the differences between Windows 10 LTSC and Windows 10 Pro and Make the Right Choice

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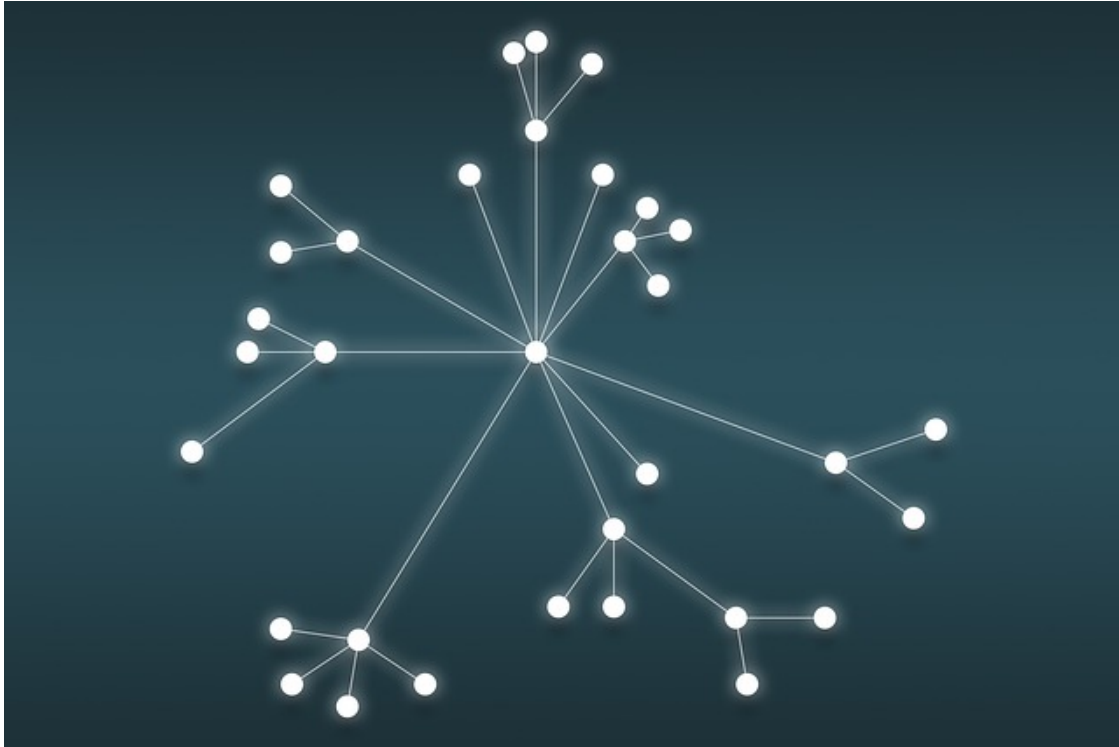
IoT NETWORKING FEATURE

IoT and the Power of MQTT

Many IoT projects fail due to unpredictable costs tipping the balance sheets. A major factor behind this, and one of the biggest contributors to the cost per device, simply boils down to the amount of data being transmitted. This cost that can be mitigated by choosing an efficient way of communicating between

devices and applications. MQTT-SN (MQTT for sensor networks) is an optimized version of the IoT communications protocol.

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