

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

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IoT Design Weekly ? 04.25.2019

Features



What can be Done to Improve IoT Security?

The Internet of Things (IoT) is revolutionising the world we live in, connecting billions of ?things? that monitor and control our world, making our home and work lives better, more convenient and safer. The scale and rate of growth are both huge; with significantly more connected nodes than there are people on the planet and herein lays both the strength and vulnerability of the IoT.

Machine Learning at the Edge

Sponsor: FogHorn Systems, QuickLogic
Date: May 14, 2:00 p.m. ET

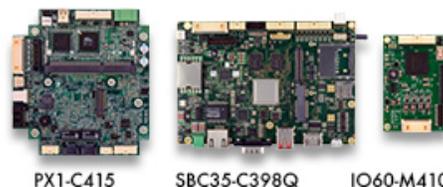
Blogs & Columns



How Cellular IoT is Taking Over the World

Cellular IoT connects physical devices (such as sensors) to the internet using essentially the same technology as your smartphone. Instead of needing to create a new,

Embedded Solutions for Industrial IoT



PX1-C415

SBC35-C398Q

IO60-M410



EMBED SUCCESS IN EVERY PRODUCT

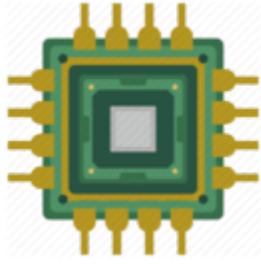
Marketplace



Five Minutes With?Steen Graham, GM, IoT Ecosystem, Intel

The IoT is just starting to embrace AI and neural nets. While previously a Cloud-based application, such algorithms are migrating to the Edge, thanks to the latest and greatest microprocessors. One of those processor vendors who continue to exhibit expertise in the IoT ecosystem is Intel, and as such, became the subject of this week?s Five Minutes With?discussion. Specifically, I spoke to Steen Graham, the General Manager of Intel?s IoT Ecosystem.

private network to operate your IoT devices, they can piggyback on existing mobile networks.



Securing the IoT from the Chipset Up

The breadth of IoT systems is diverse resulting in broad vulnerabilities at the sensor, gateway, and

cloud environments. Thanks to the rich history of enterprise cloud computing and applications, securing cloud systems has matured significantly. However, at the sensors and edge, security has been stagnant.



How Close are we to Eliminating Batteries in the IoT?

When the first version of the Wi-Fi? (standard 802.11a) was originally developed and released in 1997, it was intended to provide internet connectivity to and from computers (primarily desktops). The original designers of Wi-Fi may have foreseen applications in laptops and phones, but they likely didn't expect Wi-Fi to become the essential, ubiquitous connectivity for all kinds of devices?from smartphones to drones?in many different locations worldwide.



Qualcomm's RealWear and UROS to Supply Digital Advancements in

Kazakhstan

Qualcomm Technologies, Inc., RealWear and UROS have joined forces to help connect Kazakhstan's industrial workforce.



Cepton Releases its Vista-Edge LiDAR Evaluation Kit

Cepton Technologies, Inc. launched its edge processing system, the Vista-Edge LiDAR Evaluation Kit, which merges Cepton's MMT Vista LiDAR sensor and the NVIDIA Jetson TX2 supercomputer.

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Contact the editor, **Brandon Lewis**