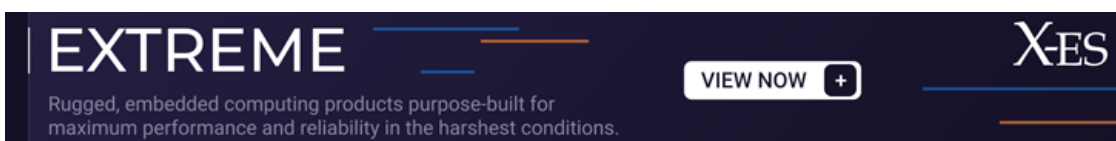


## DATA ANALYTICS FEATURE

# Jumping Over Barriers to an Effective Intelligent Automation

In many cases the number one barrier to effective enterprise deployment of advanced technologies is the quality of the data at hand. The effectiveness of AI, machine learning and deeper analytics requires access to large volumes of data and more importantly, clean and contextual data.

[Read more](#)



## IoT DEVELOPMENT KIT NEWS

### Renesas Releases AE-CLOUD2 LTE IoT Connectivity Kit

Renesas Electronics Synergy's AE-CLOUD2 LTE IoT Connectivity Kit allows accelerated evaluation, prototyping, and development of Global LTE IoT

Cellular Cloud Connected Applications using the Synergy Platform.

[Read more](#)

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Scalable Processors for Entry Data Center Computes, Network and Storage.

Based on 64-bit x86 dual-socket multicore server microprocessors, **Intel? Xeon? 2nd Generation Scalable Silver Processors** deliver higher performance, improved memory speed and power efficiency.

Sponsored by **Mouser Electronics**

#### EMBEDDED SECURITY NEWS

### **STMicroelectronics and YouTransactor Create Secure SoC for Mobile Payment Terminals**

The device embeds the physical security mechanisms required by PCI PTS (Pin Transaction Security), which include mesh monitoring, switch monitoring, support for secure application loading and secure boot, advanced cryptographic libraries, and active software and hardware tamper detection.

[Read more](#)

#### AUTOMOTIVE DEVELOPMENT NEWS

### **3Ccar Intends to Enhance Reliability and Robustness in Highly-Automated Vehicles**

3Ccar developed a new system approach that reorganizes vehicle architecture into what are known as vehicle domains. These domains enable functional and task-oriented coordination. It reduces complexity despite growing requirements, significantly simplifying the development of autonomous electric vehicles.

[Read more](#)

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#### AUTOMOTIVE MATERIALS NEWS

### **LS Automotive Licenses Tactotek Injection Molded Structural Electronics Tech**

The Injection Molded Structural Electronics (IMSE) technology combines printed electronics and electronic components within single-piece, seamless 3D injection-molded structures.

[Read more](#)

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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.

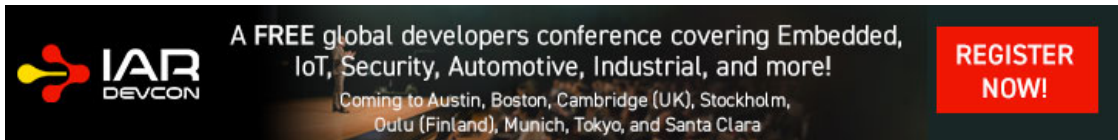
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#### SPONSORED BLOG

### The Future of IoT is Analog

Most of the innovation in IoT is focused on digital technology. From power servers running software in the cloud, to increasingly more intelligent devices operating ever closer to the edge in our factories, homes and personal devices.

[Read more](#)

A promotional banner for IAR Devcon. On the left is the IAR Devcon logo, which consists of a stylized red and yellow 'I' followed by the text 'IAR DEVCON'. To the right of the logo, the text reads: 'A FREE global developers conference covering Embedded, IoT, Security, Automotive, Industrial, and more!'. Below this, in smaller text, it says: 'Coming to Austin, Boston, Cambridge (UK), Stockholm, Oulu (Finland), Munich, Tokyo, and Santa Clara'. On the far right, there is a red rectangular button with the white text 'REGISTER NOW!'.

#### EMBEDDED EXECUTIVE INTERVIEW SERIES

### Embedded Executive: Sylvia Lu, u-blox

5G is coming. 5G is here. 5G is the greatest thing since sliced bread. There is so much information and misinformation regarding 5G that I thought it made sense to bring on an expert who could debunk some of the myths around 5G. In this week's Embedded Executive interview, I spoke with Sylvia Lu, who is the Senior 5G Technical Lead for 5G at u-blox, as well as a member of the UK5G Advisory Board.

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