



NXP Unveils Cutting Edge IoT, Industrial and Automotive Solutions at Embedded World 2018

February 20, 2018

Highlights

- NXP invites VIP guests and media to an innovative IoT Edge Compute Experience, a comprehensive and personalized edge-computing and artificial intelligence (AI) demonstration
- NXP booth to highlight latest IoT technologies for smart home and industrial applications as well as the new [Greenbox development platform for electric vehicles](#)

NUREMBERG, Germany, Feb. 20, 2018 (GLOBE NEWSWIRE) -- **(Embedded World 2018)** – Human interaction with smart devices and services has become an integral part of life. From home automation to manufacturing, medicine and transport, people rely on secure, smart connections. NXP Semiconductors N.V. (NASDAQ:NXPI), an embedded semiconductor leader and world's largest supplier of automotive semiconductor solutions will showcase its latest innovations for intelligent edge compute, end-nodes, connected cars, and industrial systems at Embedded World 2018 at the NXP booth, #4A-220.

Demonstrations and displays from NXP will include the company's latest devices and solutions including the newest applications processors, microcontrollers, NFC innovations, as well as development platforms for IoT and automotive. The showcase illustrates how NXP continues to lead innovation and breakdown development barriers for the connected product development community.

IoT Edge Compute Experience

A highlight of the show will be the NXP IoT Edge Compute Experience, located at the entrance to exhibition hall 4A. The experience includes six kiosks in an IoT edge corridor, highlighting application areas such as machine vision, machine learning, voice recognition, predictive maintenance, smart retail, digital signage, smart home and other edge processing capabilities integrated with the ClearBlade Edge platform. The kiosks are powered by a scalable suite of intelligent semiconductor solutions including ultra-low power microcontrollers (MCUs), crossover processors, multicore i.MX 8 applications processors and Layerscape edge compute and communications processors. The notable achievement is that these edge devices and end nodes are all connected to form a real-time local edge computing system which can function independently of the cloud. To RSVP your visit, please contact pr@nxp.com.

Demonstrations will include

- New GreenBox vehicle electrification development platform that allows automakers and suppliers to begin early development of next-generation hybrid and electric vehicle applications on NXP's S32 automotive processing multicore platform based on ARM® Cortex technology
- Video, voice, audio and intelligent industrial demos showcasing key features of the i.MX applications processor – including high performance, advanced graphics, low power and security – along with the extensive i.MX software partner ecosystem.
- New flexible prototyping kit to take ideas to proof of concepts in minutes
- New plug & trust security solution for IoT
 - Secure mutual device authentication in a network using a secure element
 - Secure zero-touch connection to IoT cloud service based on secure element
 - Ready-to-use provisioning flow on production level to show security right from the start of the lifecycle
- Biometric authentication using next-generation Kinetis wireless MCUs
- Node-to-cloud connectivity with LPC54018 MCUs using Amazon FreeRTOS

For Editors:

NXP will host a press conference on February 27 at 1 p.m. at the show. To RSVP your attendance, please contact pr@nxp.com. To schedule a briefing and demonstration of NXP GreenBox Automotive Platform or Auto related topics, please contact jason.deal@nxp.com.

To hear the latest news for NXP at the show visit the [NXP Embedded World 2018 press room](#).

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ:NXPI) enables secure connections and infrastructure for a smarter world, advancing solutions that make lives easier, better and safer. As the world leader in secure connectivity solutions for embedded applications, NXP is driving innovation in the secure connected vehicle, end-to-end security & privacy and smart connected solutions markets. Built on more than 60 years of combined experience and expertise, the company has over 30,000 employees in more than 30 countries and posted revenue of \$9.26 billion in 2017. Find out more at www.nxp.com.

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