NXP and Microsoft Demo Secure IoT Solutions at CES 2017

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Demonstrate end-to-end solution with aim to secure future smart homes, connected cars and devices to the cloud

LAS VEGAS, Jan. 04, 2017 (GLOBE NEWSWIRE) -- NXP Semiconductors N.V. (NASDAQ:NXPI) today unveiled an end-to-end solution project for securing IoT connected things using Microsoft Azure IoT Hub. The project, developed by working with Microsoft will be demonstrated at CES and combine the best of hard- and software security with other capabilities such as voice control and self-learning algorithms, for use in smart homes, connected cars, and smart connected devices.

"Effective security for today's networked world needs to protect user data and anonymity," said   Steve Owen, EVP, Global Sales and Marketing for NXP Semiconductors. "We want to seamlessly combine secure NXP solutions for connected devices such as BlueBox for autonomous driving and the smart home Modular IoT Gateway with Microsoft's trusted cloud services and cutting edge self-learning algorithms."

"Connecting services and devices in a smart, secure manner is a key competitive advantage in the era of digital transformation. By combining trusted cloud services with state-of-the-art hardware, we enable companies to build innovative and secure IoT solutions that fuel their businesses," explained Sabine Bendiek, Area Vice President, Microsoft Germany.

As the Internet of Things grows and the number of connected devices rapidly expands, security is of utmost concern. Secure end-to-end solutions can provide a higher level of security, enabling a safer, smarter world.

End to end Solutions to secure smart homes, buildings, and devices

NXP's smart home and building Modular IoT Gateway platform is designed to integrate leading speech recognition engines such as Microsoft Azure IoT Hub to enhance user experiences via voice control. Thanks to one-touch NFC commissioning, the NXP gateway facilitates the easy installation and connection of IoT devices supporting various IoT networking standards including ZigBee 3.0, Thread and BLE. To further increase the intelligence of otherwise conventional edge devices such as smoke detectors and fire alarms, NXP SoundDetector technology enables the easy integration of sound recognition while NXP LifeVibes SpeechAssist technology enhances voice control in noisy environments.

Showcasing secure vehicle data connecting to the cloud

To enable safe and efficient autonomous driving, vehicles need a reliable, fast and secure connection to the cloud, NXP feeds vehicle and sensor data from its BlueBox onboard sensor fusion platform to Azure for secure offboard post-processing. In the future, traffic and vehicle data can thus be intelligently combined with information from other cars and processed with self-learning algorithms in the cloud, offering scalable, smart and convenient traffic services. First connectivity demonstrations can be seen at the NXP booth on the Central Plaza as well as in an autonomous car at the Gold Lot (North Plaza), Link to more information.

About NXP
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 44,000 employees in more than 35 countries and posted revenue of $6.1 billion in 2015. Find out more at www.nxp.com.

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