



NXP's A71CH Trust Anchor Solution Delivers Secure Connections to Google Cloud IoT Core

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Collaboration brings "zero-touch" onboarding of devices to Google Cloud IoT with [NXP A71CH](#), Plug & Trust Secure Element

EINDHOVEN, The Netherlands, Sept. 10, 2018 (GLOBE NEWSWIRE) -- NXP Semiconductors N.V. (NASDAQ:NXPI) today officially announced a solution for secure, scalable connections of devices using NXP's A71CH to Google IoT Cloud. NXP is providing Original Equipment Manufacturers (OEMs) a "Plug & Trust" experience for authenticating to Google Cloud IoT Core.

NXP's A71CH is a trust anchor, ready-to-use security solution designed for integration into next-generation IoT devices, such as edge nodes and gateways. When embedded into devices, the chip signs a secure token and is validated by Google IoT Core to enable seamless peer-to-peer cloud connections with private credentials pre-injected for autonomous cloud onboarding and authentication.

"Security is a critical concern that must be top of mind when deploying and managing IoT devices that connect to the cloud," said Antony Passemard, Head of Product, Cloud IoT at Google. "This solution makes it easy for developers to add a strong identity encryption and access control. We're happy to work with NXP, a recognized industry leader in IoT and security, to simplify development of IoT devices with embedded security."

"Security-by-design is key to unlocking the next wave of IoT device connections," said Philippe Dubois, senior director and general manager of IoT security solutions at NXP. "Our solution aims to solve scalability and complexity issues commonly associated with securing and managing edge devices. We're happy to see Google Cloud embrace and encourage security in next-generation devices."

To automate the process of cloud onboarding, device credentials are pre-injected into a A71CH and public keys are delivered to the customer via a NXP web interface thereby eliminating the need for complex, costly OEM configuration processes. Injection of device credentials can be made at the NXP secure manufacturing facilities or through NXP approved programming partners.

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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