NXP Announces Availability of AWS Greengrass Hardware Security Integration on Layerscape and i.MX Processors

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Eindhoven, Netherlands – December 3,2018 – As part of the overall vision to secure IoT edge devices, and cloud to edge connections, NXP Semiconductors today announced the general availability of [AWS Greengrass Hardware security integration on Layerscape and i.MX applications processors](). This feature is a natural extension of the built-in hardware root of trust, tamper-proof secure storage, and trusted execution environment (TEE) available on all NXP applications processor platforms. The AWS Greengrass Hardware security integration enables hardware-secured, end-to-end encryption for messages being sent between the AWS Greengrass Core running on NXP applications processors and the AWS IoT cloud, or on other edge devices using the AWS IoT Device SDK.

Earlier this year, NXP introduced a software infrastructure called EdgeScale to simplify and unify how data is collected, curated, and processed at the edge. EdgeScale provides comprehensive end-to-end secure provisioning and device management solutions for NXP-based systems. The latest release of EdgeScale adds support for automatically provisioning the secure software layer and PKCS#11 crypto standard interface on top of NXP's applications processors enabling a seamless development and deployment experience for customers who deploy the AWS Greengrass Core onto NXP-based edge devices.