

Eurotech Integrates Infineon TPM to Enable End-to-End Security from IoT Edge Gateways to the Cloud

AMARO (Udine, Italy), July 18th, 2019 – Eurotech, a long-time leading provider of embedded computing systems and leader in the Internet of Things (IoT) enablement, teams up with Infineon Technologies AG, a world leader in semiconductor solutions, to offer utmost protection of IoT Edge solutions. Infineon's Trusted Platform Module (TPM) integrated on Eurotech's IoT Edge Gateways protects their device identity. This is especially important for the initial provisioning and continuous life-cycle management to public Cloud service platforms.

Eurotech will include Infineon's OPTIGA TPM 2.0 SLB9670 in its broad range of [Multi-service IoT Edge Gateways](#). The TPM acts as a vault for sensitive data such as the digital identity in connected devices and so significantly reduces the risk of data and production losses due to cyberattacks. To simplify the adoption of the TPM in IoT Edge applications, Eurotech and Infineon also offer an integrated hardware and software environment. Eurotech Multi-service IoT Edge Gateways will feature TPM 2.0 support in their Everyware Linux operating system and in their [Everyware Software Framework \(ESF\), the IoT Edge Framework](#) distributed and supported by Eurotech. Furthermore, Eurotech Multi-service IoT Edge Gateways powered by ESF will offer a simplified, user friendly TPM 2.0 device provisioning to Microsoft Azure IoT and other cloud services without requiring the development of complex edge applications.

The following Eurotech Multi-service IoT Edge Gateways are already TPM 2.0 enabled and support TPM enrollment on Microsoft Azure IoT Hub Device Provisioning Service: [ReliaGATE 10-12](#), [DynaGATE 10-12](#). Eurotech has more TPM-enabled IoT Edge products in its product roadmap. You can find more information on the Eurotech Multi-service IoT Edge Gateways on the Eurotech web site.

For detailed information on how Infineon TPM 2.0 security controllers meet the highest Industry standards for multifunctional deployment of IoT Edge devices in Computing, Industry and for Automotive please visit [this page](#).

Infineon security controllers are also available as development kits in the Azure IoT Device Catalogue to easily explore the secured device provisioning service to Azure IoT Hub with the SLB9670 that Eurotech deploys.

"Eurotech offers [integrated IoT platforms](#) to provide end-to-end data security from the Edge to the Cloud" states CTO Marco Carrer "The collaboration with Infineon strengthens our IoT offering by enabling hardware attestation and allowing improved security and management of large IoT deployments".

“Security remains the key enabler for Cloud service adoption. The necessary level of protection can only be achieved by combining software security mechanisms with robust hardware-based security capabilities based on globally accepted industrial and IT security standards. A chain of trust from the node to the Cloud using hardware based security anchors allows to securely identify each IoT device, to protect sensitive data as well as the integrity of the Cloud”, says Juergen Rebel, Vice President & General Manager Embedded Security at Infineon Technologies.

About Eurotech

Eurotech (ETH:IM) is a global company that designs, creates and delivers full Internet of Things solutions, including services, software and hardware to leading systems integrators and enterprises large and small. With Eurotech’s solutions in place, clients have access to the latest open source and standardized software stacks, flexible and rugged multi-service gateways and sophisticated sensors to bring actionable data from the field into business operations. Working with world-class ecosystem partners, Eurotech delivers on the promise of the Internet of Things either from end to end, or with best in class building blocks, including device and data management, connectivity and communication platform, intelligent edge devices and smart objects following business models that fit today’s business world. Learn more about Eurotech at www.eurotech.com

About Infineon

Infineon Technologies AG is a world leader in semiconductor solutions that make life easier, safer and greener. Microelectronics from Infineon is the key to a better future. In the 2018 fiscal year (ending 30 September), the Company reported sales of €7.6 billion with about 40,100 employees worldwide. Infineon is listed on the Frankfurt Stock Exchange (ticker symbol: IFX) and in the USA on the over-the-counter market OTCQX International Premier (ticker symbol: IFNNY).

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