Eurotech announces software qualification of Everyware Software Framework with AWS IoT Core

Amaro (Italy), June 24th, 2020 – Eurotech – a company that designs, develops, and deploys hardware, software, services and solutions for the Internet of Things (IoT) – is extending its commitment as a Select Technology Partner in the Amazon Web Services (AWS) Partner Network and today announced the software qualification of the Eurotech Everyware Software Framework (ESF) with AWS IoT Core. Eurotech's ESF allows field devices to be connected to AWS IoT Core by visually composing Edge applications. This provides a solid foundation for the rapid development and deployment of Eurotech IoT solutions on AWS.

Eurotech's ESF is a feature-rich IoT Edge Framework that scales from embedded Linux devices to powerful Edge servers, where ESF runs as a virtual gateway in a container. With the ESF Cloud Connector for AWS IoT Core, built with the AWS IoT Java Device SDK v2.0, ESF provides natively integrated connectivity with AWS IoT Core, Device Shadow support, and follows best practices for AWS IoT Core functionality.

To ease the development on edge devices, ESF is designed to provide flexible device twin modelling over the leading field bus protocols across multiple vertical industries. Edge developers can deploy full-fledged applications running natively in the container or use ESF Wires to visually compose data pipelines for their Edge devices. ESF Wires functionality has been extended to include the aspects to integrate with AWS IoT Core services. With minimal configuration and set-up, ESF Edge users can interface with a wide range of field devices and protocols and efficiently publish data from the world of operational technology to AWS IoT services.

"We are extremely proud of being an APN Partner and having achieved AWS IoT Core Edge software qualification for ESF" commented Marco Carrer, CTO of Eurotech. "This qualification asserts ESF as a leading IoT Edge Framework in the industry. ESF's rich library of field protocols, its digital twin modelling, and its visual composer Wires form a great toolkit to bootstrap IoT Edge development and to let it grow on a solid foundation. ESF's integration with AWS IoT Core offers a unique certified package for IoT applications."

Eurotech delivers enhanced computing, communication technologies, and innovative IoT building blocks to provide competitive advantages for its customers. The combination of Eurotech rugged Multi-service IoT Edge Gateways enriched with ESF and AWS IoT services, is designed to offer a robust and secure foundation for developing and deploying edge to cloud IoT applications.

The tested and validated integration of Eurotech's IoT Edge Framework ensures that customers can leverage the full benefits of Eurotech's proven edge technology, including a wide range of application optimized IoT Gateways, like the ReliaGATE series, and rugged edge systems, like the BoltGATE family of products, are readily available for demanding applications in verticals like industrial, manufacturing, energy, utilities and transportation.

More information can be found on the [AWS blog](#) and on the [ESF documentation website](#).

About Eurotech

Eurotech (ETH:IM) is a multinational company that designs, develops and supplies Edge Computers and Internet of Things (IoT) solutions – complete with services, software and hardware – to system integrators and enterprises. By adopting Eurotech solutions, customers have access to IoT building blocks and software platforms, to Edge Gateway to enable asset monitoring and to High Performance Edge Computers (HPEC) conceived also for Artificial Intelligence (AI) applications. To offer increasingly complete solutions, Eurotech has activated partnerships with leading companies in their field of action, thus creating a global ecosystem that allows it to create "best in class" solutions for the Industrial Internet of Things. [Learn more](#)

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