Eurotech announces ESF Release 4.0, featuring support for the new ReliaGATE 20-25 and connectivity to multiple Clouds

AMARO (Italy), September 26, 2016 – Eurotech a leading provider of embedded systems, Machine-to-Machine (M2M) platforms and Internet of Things (IoT) solutions, announces the official release of Everyware Software Framework (ESF) Release 4.0, a commercial, enterprise-ready edition of Eclipse Kura, the open source Java/ OSGi middleware for IoT multi-service gateways and smart devices.

ESF provides a secure execution environment for embedded applications and a secure, reliable and optimized communication system for data and remote device management. By additionally supporting x.509 certificates, ESF provides strong mutual authentication between devices and remote servers and IoT cloud platforms, and ensures that only properly signed a verified application code is deployed and executed on the devices.

ESF offers a simple and productive Java/OSGi development environment of applications for IoT gateways. Java and OSGi combine to facilitate application development and modularization of software components, which assures interoperability of apps and services between different devices. ESF enables wide, deep, seamless integration of applications with the operating system (Linux) and the hardware (devices), while providing full programming flexibility.

In the ESF 4.0 Release, customers will find a number of major enhancements:

- Multiple Cloud Connections - A single gateway can be simultaneously connected to multiple cloud platforms including Eurotech Everyware Cloud™, and other IoT platforms such as Amazon AWS IoT, Oracle IoT Cloud Service, Microsoft® Azure IoT and IBM Watson IoT Platform.
- Wi-Fi Dual Mode Support - Support for Wi-Fi wireless modules that can operate simultaneously as an access point and as a station.
- Support for Terminal Server/Client - Allows the remote access and configuration of a gateway's serial port using a TCP connection.

ESF is fully supported across the Eurotech's IoT gateway family and other hardware platforms. With ESF Release 4.0, the support has been extended to the recently announced ReliaGATE 20-25, a powerful IoT gateway for industrial and lightly rugged applications.

Distributed and supported by Eurotech, ESF extends Eclipse Kura's functionality by providing advanced security, diagnostics, provisioning, remote access and full integration with Everyware Cloud™, Eurotech's IoT Integration Platform.

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.

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