Eurotech Launches the ReliaGATE 10-05, a Compact IoT Gateway for Industrial Applications

Amaro (Italy), March 14th, 2016 — Eurotech, a leading provider of embedded systems, Machine-to-Machine (M2M) platforms and Internet of Things (IoT) solutions, today launched the ReliaGATE 10-05, a compact and efficient IoT Gateway for industrial applications that has been designed to comply with global certification requirements.

The ReliaGATE 10-05 is the latest addition to a family of software-defined IoT Gateways, designed to provide well balanced products in terms of performance, features and price, for many typical IoT applications.

Based on the NXP i.MX285 CPU, with 512MB of RAM, 4GB of eMMC and a user-accessible microSD slot, the ReliaGATE 10-05 is a low power Gateway that offers reliable operation in industrial applications: it supports a 9 to 36V power supply with transient/surge/noise/reverse polarity protection, two protected serial ports (RS-232 and RS-485), and one noise and surge protected USB port.

One unique feature of the ReliaGATE 10-05 is the internal battery that provides up to 30 minutes of uptime and allows for a safe system shutdown in case of a blackout.

The ReliaGATE 10-05 features wired and wireless connectivity capabilities: it integrates a cellular modem (2G or global 3G), Wi-Fi, Bluetooth Low Energy, and one Fast Ethernet port.

Installing the ReliaGATE 10-05 is very easy since it's very small, with a total volume of just 112x68x37mm (LxWxH) and lightweight, at just 180g; mounting options include a DIN bar adapter.

"This new IoT Gateway addresses applications that were difficult to support with existing industrial designs from a price/footprint/feature perspective," said Giuseppe Surace, Eurotech CPO. "The ReliaGATE 10-05 is combination of a hardware platform and Eurotech's IoT middleware for embedded Java application development. It is available in a range of configurations that are optimized to fit typical IoT use cases."

The ReliaGATE 10-05 comes with Yocto Linux 1.6 and includes a genuine Oracle Java SE Embedded 8 Virtual Machine; it also provides Everyware™ Software Framework (ESF), a commercial, enterprise-ready edition of Eclipse Kura, the open source Java/OSGi middleware for IoT Gateways.

For ease of programmability and additional flexibility of applications, the ReliaGATE 10-05 comes with the genuine Oracle Java SE Embedded 8 Virtual Machine and the Everyware™ Software Framework (ESF), a commercial, enterprise-ready edition of Eclipse Kura, the open source Java/OSGi middleware for IoT Gateways. Distributed and supported by Eurotech, ESF adds advanced security, diagnostics, provisioning, remote access and management thanks to its full integration with Everyware™ Cloud (EC), Eurotech's IoT integration platform (available separately).

In addition to the standard configurations, Eurotech offers many personalization options (MOQ might apply) for the ReliaGATE 10-05, including:

- Feature depopulation/population
- Derivative designs
- Branding options (device color, logo, etc)

Used stand-alone, or in conjunction with EC, the ReliaGATE 10-05 provides a fast go-to-market solution for projects of any size.

RELIAGATE 10-05 General Availability: May 2016

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 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 http://www.eurotech.com.

Press contact

Eurotech Group
Giuliana Vidoni
+39.0433.485462
giuliana.vidoni@eurotech.com

BluSfera Expo & Media Srl
Simona Baldoni, Corrado Dal Corno
Tel. +39 02 36531203
e-mail: ufficio.stampa@blusfera.it

EUROTECH spa
Via F. Solari, 3/A 33020 Amaro (UD) - ITALY
Tel. +39 0433 485411 – Fax. +39 0433 485499
welcome@eurotech.com

www.eurotech.com