

## **Eurotech: design win with Fresenius Medical Care to supply hardware and software building blocks for their IoT project**

*Fresenius Medical Care chose Eurotech's IoT Gateways, software framework ESF and integration platform Everyware Cloud for an Internet of Things solution supporting globally deployed medical devices*

**Amaro (Italy), September 8th, 2017** – Eurotech, a leading provider of embedded systems, Machine-to-Machine (M2M) platforms and Internet of Things (IoT) solutions, today announced that Fresenius Medical Care, the world's leading provider of dialysis products and services for people with chronic kidney failure, have chosen Eurotech's IoT Gateways, IoT device middleware ESF and integration platform Everyware Cloud as the hardware and software building blocks for their IoT project to connect globally deployed medical devices. Given the confidentiality agreements in force, no further financial details can be disclosed.

Fresenius Medical Care and Eurotech, both leaders in their respective domains, have been collaborating closely to integrate Eurotech's IoT technologies with both Fresenius Medical Care's products on the field and Fresenius Medical Care's software applications on the IT side, with the goal of zero changes on both the products and the applications.

The successful result is a solution that enables, in a very secure and effective way, to carry out technical services of Fresenius Medical Care medical devices installed in dialysis clinics worldwide.

The challenges associated with the global deployment and servicing of intelligent medical devices are manifold and require the highest levels of flexibility when it comes to the software at the edge. A well designed IoT architecture for distributed medical devices has to offer solid end-to-end security and has to provide local processing capabilities to enable functionality like access to technical data of medical devices and their configuration management. In addition it is necessary to support a wide range of new and legacy protocols and interfaces to establish the communication between the IoT gateways and the medical devices.

This is achieved by leveraging both ESF and Everyware Cloud in combination with Eurotech's ReliaGATE Multi-service IoT Gateway.

The IoT device application framework ESF (Everyware Software Framework), speeds up the development and deployment of the specific application or business logic on the IoT edge device. ESF is a commercial, enterprise-ready edition of Eclipse Kura, the popular open source Java/ OSGi middleware for IoT multi-service gateways and smart devices.

Everyware Cloud, the IoT/M2M integration platform interfaces easily with existing enterprise IT infrastructures, offering simple access through standard APIs to real-time and historical data from devices. In addition, this IoT Integration Platform also enables effective remote device management as well as the device life cycle features that ensure a smooth deployment and management of these devices in the field. This IoT/M2M integration platform is also available for on-premises and private cloud deployment.

“We are extremely proud that Fresenius Medical Care has selected Eurotech as their partner for implementing state of the art IoT solutions supporting their world-leading medical devices,” comments Giuseppe Surace, CP&MO of Eurotech. “We make complex operational technologies available in a broad offering of easy-to-use services and products. Our customers can rely on our leading IoT expertise and portfolio, allowing them to focus all their attention towards their strategic needs.”

### **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 system 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 [www.eurotech.com](http://www.eurotech.com).

### **About Fresenius Medical Care**

Fresenius Medical Care is the world's largest provider of products and services for individuals with renal diseases of which about 3.1 million patients worldwide regularly undergo dialysis treatment. Through its network of 3,624 dialysis clinics, Fresenius Medical Care provides dialysis treatments for 308,471 patients around the globe. Fresenius Medical Care is also the leading provider of dialysis products such as dialysis machines or dialyzers. Along with the core business, the company focuses on expanding the range of related medical services in the field of Care Coordination. Fresenius Medical Care is listed on the Frankfurt Stock Exchange (FME) and on the New York Stock Exchange (FMS).

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