

## Industry 4.0: production lines get smart as the Internet of Things extends to manufacturing

*Agreement between Italian Friuli-based companies Eurotech and Tecnest: “Each machine or production line can detect its operating status and communicate via the Internet, improving efficiency by up to 10%”*

Amaro (Italy) – September 8<sup>th</sup>, 2016 – [Eurotech](#), a leading supplier of smart devices and Machine-to-Machine technologies for Internet of Things (IoT) applications, announced an agreement with Tecnest, based in Udine, Italy, specializing in information and organization solutions for the management of production and supply chain operations.

*“The application of the Internet of Things to industrial production plays a key role in the so-called Industry 4.0,”* said Fabio Pettarin, President, Tecnest. *“It’s a momentous change fostering extensive connectivity between machines, products and systems. The scenario created by such connectivity is quite interesting: it will be possible to analyze data to predict issues or failures, and systems will be able to self-configure to adapt to changes. And not only: the Industry 4.0 will change the factory concept itself and the relationships between suppliers, manufacturers and customers.”* In Italy, the Smart Manufacturing market in 2015 accounted for almost 10% of total industry investments, while in 2016 further 20% growth is expected (forecast by Osservatorio Smart Manufacturing, School of Management, Politecnico di Milano).

The project was developed by two exceptional Friuli-based companies that have joined their skills to promote a leading-edge technological solution. On one side, Eurotech, the global corporation based in Amaro that has developed [Everyware Cloud](#), a Machine-to-Machine software platform to connect physical devices (machinery or other equipment) to IT systems and software applications; on the other, Tecnest, based in Tavagnacco, with almost 30 years of experience in software solutions for the manufacturing industry.

*“Our IoT tools and technologies can be applied to several industries. The agreement with Tecnest is focused on the manufacturing industry to develop a solution for the Factory 4.0. According to estimates, the advanced digitalization of a factory can result in 10% higher efficiency,”* said Roberto Siagri, President and CEO, Eurotech.

*“With our technology, each machine or production line becomes smart: they can detect their operating status and communicate via the Internet. The resulting data flow is transferred in real time to a cloud platform that provides a set of interfaces ensuring a lean and quick connection to several applications,”* Eurotech’s Siagri explains. *“In the industrial domain, this means for instance that you can collect production data from an existing fleet of machines or new equipment, and make it accessible on the cloud to Manufacturing Execution applications like Tecnest’s”.*

Data generated and collected from machinery must then be interpreted and delivered to all corporate functions and value chain actors, in order to monitor and improve manufacturing and supply chain operations. This is where Tecnest's specific skills and solutions for the management of production planning and supply chain processes come into play, specifically their J-Flex software suite.

*"Our solutions have always helped manufacturers optimize their production processes, monitor the factory in real time to take action in case of critical events, and improve production performance,"* said Pettarin of Tecnest. *"The integration with Eurotech's IoT platform represents another step towards the new paradigm of Industry 4.0: machine-to-machine interaction will support product customization and the production of small batches, while data collected and distributed on the cloud will ensure integrated communication across the entire supply chain. We will make the transition from the optimization of individual cells to a fully integrated production and IT flow, automated and more efficient."*

#### 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. For more information, visit [www.eurotech.com](http://www.eurotech.com)

#### About Tecnest

Tecnest ([www.tecnest.it](http://www.tecnest.it)), founded in 1987 and based in Tavagnacco (Udine) and Cinisello Balsamo (Milan), specializes in the supply of IT and organization solutions for production and supply chain operations planning, control and management. Leveraging specific skills in production processes and the flexibility of the software solutions of their proprietary suite J-Flex, for over 25 years Tecnest has developed projects and solutions for production management in different industrial organizations, both in discrete production and in the process industry.

#### Media Contacts

#### Eurotech Group

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

[www.eurotech.com](http://www.eurotech.com)

Giuliana Vidoni  
Tel. +39.0433.485462  
E-mail: giuliana.vidoni@eurotech.com

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

Tecnest  
Eo Ipso Srl  
Silvia Perfetti  
Tel. +39 346.9488.777  
E-mail: sperfetti@eoipso.it