

PRESS RELEASE

Relatech and EFA Automazione, part of the Relatech Group, make their debut at the 2024 edition of IO-Link Day with the IO-Link Master Fastus modules from the Japanese Optex

1st October 2024 – Palazzo De' Rossi
Via Palazzo Rossi, 14 - Pontecchio Marconi BO
For registration: [visit the website](#)

Organized by the Profibus Consortium and Profinet Italia, the day dedicated to IO-Link technologies sees EFA Automazione in the front row with the innovative IO-Link Master Fastus modules from the Japanese Optex. With a cycle time of only 0.3 ms (currently the fastest), Modbus TCP, Ethernet/IP, Profinet, EtherCAT, CC-Link Field Basic network interfaces and ultra-compact dimensions (110 x 63 x 45 mm, about half of the solutions on the market) the IO-Link Master Fastus modules are the real novelty of the 2024 edition of IO-Link Day.

Milan, 18th September 2024

Relatech S.p.A., *Digital Enabler Solution Know-How (DESK) Company* listed on the Euronext Growth Milan market (Ticker: RLT), through EFA Automazione SpA, a company active for over thirty years in the field of connectivity, part of the Relatech Group, participates in the second edition of IO-Link Day 2024, on October 1st at the headquarters of Palazzo De' Rossi, Sasso Marconi (BO).

For over thirty years, EFA Automazione has been providing disruptive solutions for industrial communication and software platforms for system integration, supporting customers in the adoption of advanced digital models to improve the efficiency and competitiveness of the manufacturing sector. An example of this are the solutions of the Japanese Optex with which EFA has recently signed a commercial collaboration agreement for the distribution in Italy of IO-Link Master Fastus modules.

These devices have technical features that you can label as unique. Optex FA's UR Series Fastus Master IO-Link delivers exceptional performance, with a cycle time of just 0.3 ms and the ability to connect up to 16 devices, twice as many as standard market standards. Compact and flexible, they support all major industrial Ethernet and mixed-signal networks (PNP/NPN), simplifying the integration of sensors and actuators. They have an OLED display for easy configuration and allow automatic back-up of parameters, reducing downtime. An input can

also be used for high-speed counting, for example for connecting incremental encoders up to 250 kHz.

Created to offer the necessary connectivity between IO-Link and the rest of the world of industrial communication, the IO-Link Master Fastus of the UR series allow you to interface with all the main Ethernet-based industrial communication networks: Ethernet/IP, Profinet, CC-Link IE Field Basic, EtherCAT and Modbus TCP. It should be noted that the Modbus TCP protocol is always available even in simultaneous use with the other fieldbuses, with the exception of EtherCAT, which does not use the standard TCP/IP stacks.

Configuration operations are also facilitated by the ability of the Fastus UR modules to automatically download IODD (IO Device Description) files. When an IO-Link device is connected to an IO-Link master, the master requests the IODD file from the device. This automated process greatly simplifies the integration of IO-Link devices into the industrial automation system, reducing the complexity of manual intervention to configure the devices.

In addition to the IO-Link Master, Optex FA offers a number of IO-Link hubs. These devices allow you to extend the connection capacity up to 256 points, transforming the Fastus UR system into a communication backbone capable of collecting and sending on the most popular Industrial Ethernet networks a mix of analog and digital signals using modules with 16 digital inputs, 16 digital outputs, 8 inputs and 8 digital outputs, 4 analog inputs and 4 analog outputs.

To learn more about the potential of IO-Link communication and IO-Link Master modules Fastus, Relatech and EFA Automazione look forward to seeing you at the 2024 edition of IO-Link Day.

[Relatech](#) (ticker RLT ISIN IT0005433740), Digital Enabler Solution Know-how (DESK) Company listed on the Euronext Growth Milan market since June 2019, has been active for over twenty years in frontier Digital Enabler technologies, such as Cloud, Cybersecurity, IoT, Big Data, Blockchain, Machine Learning. Relatech is the reference partner for the Digital Innovation of companies and leads a group of companies highly specialized in Digital Enabler Technologies united by the common mission of supporting customers in the digital transformation process. Relatech constantly invests in Open Innovation with an intense R&D activity carried out by internal hubs in collaboration with universities and national research centers. Thanks to the RePlatform digital platform and the know-how deriving from the ecosystem of scientific and technological partners, Relatech develops digital services and solutions capable of innovating the business model of its customers, ensuring sustainable business growth for all those companies that see the digital innovation process as the key to current and future success.

[EFA Automazione SpA](#), part of the Relatech group, has been operating for 30 years in the field of industrial automation with products, solutions and know-how dedicated to the world of connectivity for system integration. An absolute forerunner of some of the issues that permeate the current 4.0 scenario, EFA Automazione has anticipated many technological trends, including that of IoT, which it currently rides as a protagonist by offering cutting-edge solutions in the use of the cloud and wireless communication in all its architectural forms. EFA Automazione is a unique reality in the national industrial landscape, able to offer a strategic advantage to all stakeholders in the ecosystem of which it is part: customers, system integrators, partners and suppliers. The synergy with Relatech



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makes EFA Automazione a hub equipped with 360-degree skills, technologies and assets in the field of IT/OT convergence, through which companies - both SMEs and large companies - can access the most advanced digital technologies to solve all the needs of connectivity, collection, analysis and protection of data and machines in order to increase their margins and compete better and better on their outlet markets.

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