



PRESS RELEASE

## RELATECH RELEASES THE NEW VERSION OF REFAB4.0



### SOLUTION FOR INDUSTRY 4.0 BASED ON IOT TECHNOLOGIES, A.I. MACHINE LEARNING, AUGMENTED / VIRTUAL REALITY AND CLOUD

Milan, October 7<sup>th</sup> 2020

**Relatech S.p.A.**, *Digital Enabler Solution Knowledge (D.E.S.K.) Company* and innovative SME listed on AIM Italia market (Ticker: RLT), has released the new version of the **ReFab4.0** solution, dedicated to the theme of **Industry4.0** for monitoring systems and production processes.

The **ReFab4.0** solution, recently presented during the webinar "**Find out how to predict possible anomalies in production processes**" organized on 29.09.2020 by Relatech in collaboration with IBM, is a verticalization of the cloud-based digital platform **RePlatform**, the heart of the commercial offer of Relatech. The solution, thanks to the use of IoT tools, allows you to monitor the operating parameters of machinery and production processes in real-time and to process **advanced analyzes** based on **Machine Learning** algorithms to prevent possible malfunctions.



Furthermore, thanks to the use of **Augmented Reality** tools, the solution can create a **Digital Twin** (Digital Twin) of the machinery and develop guided multimedia procedures to support maintenance interventions.

The main features of the solution are:

- **Real Time Monitoring:** Real Time monitoring of processes and devices;
- **Advanced Analytics:** identification of anomalies and possible failures through Machine Learning algorithms;
- **AR/VR Maintenance Support:** through Augmented and Virtual Reality tools, “3D digital twins” models of machinery are created, enriched with multimedia information for monitoring, support for routine maintenance and remote maintenance;
- **Edge & Cloud architecture**, which combines the acquisition and processing of data in real time near the equipment, with the scalability and computing power made available by the Cloud.

ReFab4.0 can be used in multiple market sectors and is designed for the acquisition and processing of large amounts of data from heterogeneous sources, such as devices, sensors and production plants for integration with business systems such as ERP, MES and CRM, to enable the digital transformation of the Business.

The solution, usable and deliverable through the RePlatform platform, is highly innovative as it is developed on the most modern frontier technologies and brings significant benefits to the customer, such as:

- Reduction of unplanned downtime
- Reduction of maintenance times and costs
- Reduction of manual errors
- Increase in productivity and production efficiency
- Improvement of product quality

**Silvio Cosoleto**, Vice President of Sales Relatech, comments: *“We believe that the ReFab4.0 solution is highly innovative and above all useful in various market sectors and in fact we are receiving excellent feedback in terms of interest and benefits it brings to our customers. The*



*solution, verticalization of the cloud-based digital platform RePlatform, makes the most of the potential of AI, CLOUD, AR / VR, Big Data technologies and thanks to them guarantees the diagnostic automation of systems and processes, in real-time and above all from remote, allowing constant monitoring of the correct functioning of the entire production chain. Future important extensions of the platform are underway within an Industrial Research and Experimental Development Project, carried out as part of a PON call of the MISE on Intelligent Factory "and coordinated by Relatech. The title of the Project, "True Detective 4.0", expresses the ambition to equip the ReFab4.0 platform with tools for "investigation" of the behavior of increasingly intelligent and "reflective" production systems and processes, in the continuous search for in-depth re-elaborations of monitoring analysis to better understand current behavior in order to optimize future operation. In summary, the evolution of ReFab4.0 fully reflects Relatech approach: proposing innovative solutions to the market with the commitment already aimed at even more innovative versions. "*

This press release is online at [www.relatech.com](http://www.relatech.com) (Investor Relations/Press Release section)

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*Relatech (ticker RLT ISIN IT0005371874), Digital Enabler Solution Knowledge (D.E.S.K.) Company, listed on AIM Italia since June 2019, is present on the market with innovative solutions dedicated to the digital transformation of companies. Relatech is an innovative SME focused on customers looking for the most innovative solutions, becoming a strategic partner for digitization and ICT services. Relatech constantly invests in Open innovation with an extensive R&D activity carried out internally and numerous partnerships with the main Italian Universities and research centers. Thanks to its digital platform and cloud based RePlatform, it provides services and develops innovative digital solutions in frontier technologies of Digital Enabler, such as Cloud, Cybersecurity, Blockchain, Big Data, Machine Learning, Artificial Intelligence, Internet of Things.*

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