



LACROIX Electronics manages its production lines in real time thanks to ThingWorx from PTC

LACROIX Electronics is using the ThingWorx® Industrial IoT platform from PTC to meet an operational excellence challenge enabling the company to achieve maximum overall equipment effectiveness (OEE) and an end-of-line quality defect level close to zero.

VELIZY VILLACOUBLAY — xxx — [PTC](#) (NASDAQ: PTC) is supporting [LACROIX Electronics](#) part of its operational excellence strategy. The manufacturer has chosen to deploy PTC's [ThingWorx](#) industrial innovation platform in the group's 4 plants for real-time management of its production lines.

For 40 years, LACROIX Electronics has been offering global industrial solutions from design to mass production of electronic assemblies and sub-assemblies for the industrial, home automation, automotive, civil avionics and defense, and health sectors.

LACROIX Electronics was looking for ways to gain real-time visibility into the control in production processes and testing of components, while industrializing data collection to improve equipment failure and component defect identification. As part of LACROIX Electronics' operational excellence strategy, the financial and productivity stakes were high, given that more than 10 million components are handled every day in the French plant.

After a call for tenders entrusted to KPMG and the successful completion of a feasibility study, LACROIX Electronics selected the ThingWorx platform. Open and interoperable, they were able to easily connect the platform to their very heterogeneous installed base of machines. The data collected by ThingWorx ensures better knowledge of machine status, a complete view of production lines, and earlier detection of anomalies and maintenance requirements.

"Thanks to ThingWorx, we can now quickly identify information on incidents and report them back so that the operator can independently analyze the incident and correct it with as little disruption to production as possible. The ThingWorx IoT platform has enabled us to achieve these objectives faster and more efficiently than we had imagined.", says Emmanuel Thommerel, VP IT.

LACROIX Electronics has thus been able to implement one aspect of its Smart Industry strategy.

In connection with its Symbiose project to create a new electronic factory of the future in France, the company now considers going far beyond data connectivity. For instance, the implementation of predictive maintenance, to approach operational excellence and deliver powerful experiences with Augmented Reality, is under review.

"We are delighted to support LACROIX Electronics in their approach to the electronic factory of the future," says Olivier Helterlin, VP Sales - France Benelux and Switzerland & CEO of PTC France. "Today, ThingWorx has ensured LACROIX to have a real-time overview of its production sites and operations in order to facilitate decision-making by operators



and team leaders and improve productivity. After this first step, we will continue to work together so that they can go even further in their quest for digital transformation.”

Further resources

- Industrial Innovation Platform [ThingWorx](#)

About LACROIX Electronics and the LACROIX Group

Ranked among the top 10 European EMS (Electronics Manufacturing Services), LACROIX Electronics, a member of LACROIX group, is a company specializing in the design and production of electronic assemblies and sub-assemblies. For more than 40 years, we have been bringing our customers' innovations to life and helping them become the leading companies in the industrial, automotive, civil avionics and defence, & home & building automation, and healthcare sectors.

With more than 3,330 employees, LACROIX Electronics achieved in 2018 a turnover of 337.5 million euros including intra-group sales.

With its 4 factories and its design office, LACROIX Electronics offers global industrial solutions from design to mass production of electronic assemblies and sub-assemblies in Europe and the Maghreb. Its recent alliance with Firstronic LLC also allows LACROIX Electronics to support its customers on the North American continent.

LACROIX Electronics is an activity of LACROIX Group, a global technological equipment supplier with a turnover of €468 million in 2018 and 4000 employees.

By designing and industrializing connected and innovative equipment and technologies, LACROIX Group enables its customers to make the world smarter and more responsible, and to better understand electronic innovation, data, people, water and energy flows. www.lacroix-electronics.fr | www.lacroix-group.com

About PTC (NASDAQ: PTC)

PTC unleashes industrial innovation with award-winning, market-proven solutions that enable companies to differentiate their products and services, improve operational excellence, and increase workforce productivity. With PTC, and its partner ecosystem, manufacturers can capitalize on the promise of today's new technology to drive digital transformation.

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