



Life Is On

Schneider
Electric

ALLEN and Schneider Electric join forces to accelerate the adoption of distributed automation in Industry 4.0

Press Release

Lyon - September 18, 2024

- At the SIDO trade fair in Lyon, ALLEN and Schneider Electric presented their joint offer to help manufacturers move towards Industry 4.0.
- The focus is on optimising the plant value chain, while taking energy management and sustainable development into account.
- The integration of new-generation intelligent sensors enables the transition to intelligent products guaranteeing maximum availability and maximised service life.

The convergence of physical and digital systems offers unprecedented opportunities, but also raises challenges in terms of integration and efficiency. It is in this context that ALLEN and Schneider Electric have developed an innovative offering designed to facilitate the adoption of Industry 4.0 use cases. The announcement was made at the SIDO event in Lyon, a key event for the convergence of IOT, AI, XR and robotics technologies.

The partnership between ALLEN and Schneider Electric is the result of a long-standing collaboration, with the aim of supporting the transformation of the industrial landscape through advanced technological solutions. By joining forces, these two companies have developed synergies that enable them to meet the new needs of manufacturers: Operational Excellence in Lean 4.0, Maximising Equipment Performance, Exploiting Contextualised Data, IT/OT Convergence and Cybersecurity, and Energy Management & Sustainable Development.

The "distributed automation for Industry 4.0" offering is designed to accelerate the adoption of use cases linked to this industrial revolution and enable these various topics to be scaled up more quickly. "Thanks to our R&D expertise and our experts trained in Industry 4.0 technologies, we are deploying solutions tailored to current market needs. This partnership with Schneider Electric allows us to accelerate the integration and rapid deployment of these technologies in demanding industrial contexts," explains Antoine Santoni, Operations Director - ALLEN.

"With Ecostruxure Automation Expert we are accelerating in the field of distributed automation to serve Industry 4.0, which aims to increase operational efficiency using advanced technologies. This enables companies to implement solutions tailored to the specific needs of their operations, while promoting rapid integration and deployment. These advances pave the way for a significant transformation in the way companies approach production and operations management," explains Yann Bourjault, Director of Digital Transformation at Schneider Electric.

The Neo-Automate project, demonstrator of the offer

The result of a collaboration between ALLEN and its partners Schneider Electric and STMicroelectronics, this project highlights a new kind of predictive maintenance system. Thanks to on-board artificial intelligence, it is now possible to anticipate breakdowns and optimise machine maintenance, thereby reducing costs and increasing the lifespan of equipment.

Schneider Electric's Ecostruxure Automation Expert solution plays a central role in logic control and systems management. Based on the IEC61499 standard, it provides a modular

and flexible approach to the development of automated systems, facilitating application development, integration and maintenance.

About ALTEN

Created in 1988, ALTEN supports its customers' development strategies in the areas of innovation, R&D and technological information systems.

ALTEN works with key actors in the Aeronautics, Space, Defence, Security & Naval, Automotive, Rail & Mobility, Energy & Environment, Life Sciences & Health, Industrial Equipment & Electronics, Telecoms, Banking, Finance & Insurance, Retail, Services & Media, Public Services & Government sectors.

The Group has a workforce of more than 57,000 employees operating in 30+ countries, 88% of whom are engineers. Its 2023 turnover was €4,07 billion.

For more information, visit www.alten.com



About Schneider Electric

Schneider's purpose is to create Impact by empowering all to make the most of our energy and resources, bridging progress and sustainability. At Schneider, we call this Life Is On.

Our mission is to be the trusted partner in Sustainability and Efficiency.

We are a global industrial technology leader bringing world-leading expertise in electrification, automation and digitization to smart industries, resilient infrastructure, future-proof data centers, intelligent buildings, and intuitive homes. Anchored by our deep domain expertise, we provide integrated end-to-end lifecycle AI enabled Industrial IoT solutions with connected products, automation, software and services, delivering digital twins to enable profitable growth for our customers.

We are a people company with an ecosystem of 150,000 colleagues and more than a million partners operating in over 100 countries to ensure proximity to our customers and stakeholders. We embrace diversity and inclusion in everything we do, guided by our meaningful purpose of a sustainable future for all.

PRESS CONTACT

Adrien CORTOT – + 33 6 58 53 30 90 – acortot@hopscoth.fr