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Altus has been delivering solutions to customers and partners from different sectors of the industry for more than 40 years. From very small systems to complex applications, Altus range of products can meet all demands of the market, delivering features that fill each and every element required by the customers' needs. Acting globally, the company is constantly evolving in order to be competitive and to add value to its partner's business.

During this year's edition of SPS, Altus will bring important news for the new line of Nexto Controllers.

Nexto Series

Nexto Series programmable controllers are the ultimate solution for industrial automation and systems control. With embedded high technology, the products of the family are able to control, in a distributed and redundant way, complex industrial systems, machines, high performance production lines and most advanced processes of Industry 4.0. Modern and fast, the Nexto series uses cutting-edge technology to provide reliability and connectivity, helping to increase the productivity of different businesses.

This year, Altus is releasing the **Nexto XF** new PLC, designed to boost Industry 4.0 by combining high performance with advanced connectivity. Its main distinction lies in the powerful **1.8 GHz quad-core processor**, which executes complex control logic quickly. Furthermore, the XF is natively prepared for IoT, supporting the execution of **virtualized applications via Docker** directly on the hardware. This virtualization capability allows users to consolidate control functions and edge computing systems into a single piece of equipment, making it a robust and versatile solution for automating critical processes and smart infrastructures.

We are thrilled to also present the **Nexto NX3035 Redundant CPU!** Altus's high-availability solution engineered for industrial control applications where maximum reliability is non-negotiable. This CPU is designed to operate in a **hot-standby redundant mode**, ensuring that the backup unit instantly takes over control should the primary unit fail, resulting in zero interruption to the production process. Built on the Nexto platform, the NX3035 combines high-performance processing with the inherent ruggedness required for harsh industrial environments and offers advanced communication capabilities, making it the ideal choice for critical infrastructures such as energy systems, water treatment, and gas pipelines, where downtime is not an option.

CODESYS

Nexto and Nexto Xpress programmable controllers were created using version 3.5 of CODESYS development environment system. In addition, MasterTool IEC XE programming software uses the customized IDE automation platform, offering even better features and resources to customers.