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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! Stay tuned!

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.

Compact, rugged and with high availability, the series products have excellent processing performance and rack expansion possibilities. Its architecture allows easy integration with supervision, control and field networks, in addition to PLC redundancy. The series equipment also offer advanced diagnostics and hot swapping, minimizing or eliminating maintenance downtime and ensuring continuous production process.

Its main features are:

- Redundancy mode for high availability applications
- 64-bit high-speed processing
- Large memory capability for user application and user data
- 8 Mbytes of retentive or persistent memory
- 6 Ethernet Interfaces (1000/100/10 Mbps)
- 2 SFP Ethernet Interfaces (1000 Mbps, optical or cooper) for redundancy synchronization
- Serial port
- microSD Card Interface
- OPC DA/UA, PROFINET, EtherNet/IP, EtherCAT, MODBUS TCP, MQTT, SNMP, SNTIP protocols

- Real Time Clock (RTC)
- Free of moving parts (fans, active coolers)
- Compliance with international standard IEC 61131-3



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.