www.altus.com.br

Altus has been delivering solutions to customers and partners from different sectors of the industry for 40 years. From very s mall 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 presents resources for all stages of your application life cycle with its integrated programming and configuration environment based on IEC 61131-3 standard, speeding up development and reducing engineering and commissioning costs.

Its architecture allows easy integration with traditional supervision systems, not to mention its high availability capability with redundancy of CPUs, power supplies, supervision and control networks and field buses. The Series offers advanced diagnostics and hot swapping, minimizing or eliminating downtime for maintenance and ensuring a continuous production process. In addition to the NX3008 CPU that was presented in 2022, this year we will introduce our customers to the brand new NX3035, the latest solution for large and complex applications that require redundancy and high availability.

The new CPU arrives as a complete solution for systems in different segments and varied complexities. With rugged hardware and advanced software features that allow it to be used both in machines and in process market applications, this CPU delivers performance, connectivity and versatility for most demands of Industry 4.0, as well as the Oil & Gas industry. Discover the main highlights of the new Altus CPU, such as the use of Docker, that enables the access to multiple services on Nexto Series PLCs, and find out how it can boost performance and increase your company`s competitiveness at the Codesys Booth!

Nexto Xpress

Designed to meet the demands of machines and small processes, Nexto Xpress is an IoT ready PLC with compact design. Its fast ARM 32-bit processor, combined with embedded multiple purpose digital and analog I/Os, gives the application superior processing capability and accuracy on data acquisition.

With Ethernet, RS 485, CAN and USB interfaces, Xpress products count on a wide variety of communication protocols, such as MODBUS TCP and RTU, CANopen and J1939, IEC 60870-5-104, EtherNet/IP, OPC DA, OPC UA, MQTT and PROFINET. These resources also allow the

controller to communicate directly with the most relevant cloud-based services in the market, like Microsoft Azure, IBM Cloud, Google One and Amazon AWS.

The most versatile member of Nexto family counts on five models that are different in number of I/O points and advanced features, such as Web Visualization and the use of motion control libraries. With up to 43 I/O points per product, the Xpress features LEDs for indication of status and diagnostics, DIN rail assembling and extractable terminal blocks. Come to booth 677 in hall 7 and check how Altus PLCs can boost your business!

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.