CREVIS to Showcase ML9981 Multicore CODESYS Embedded Controller at SPS 2026

CREVIS, a specialist in industrial automation solutions, will present the ML9981, an embedded controller based on the Raspberry Pi Compute Module 4 (CM4), at the CODESYS joint booth at SPS 2026.

The ML9981 is a Programmable I/O controller that integrates CODESYS Runtime and industrial I/O communication functions. It uses a quad-core ARM Cortex-A72 processor and runs on Linux. Its compact size and high-performance multi-axis control capabilities make it suitable for machines with limited installation space.

A key technical feature is its software architecture, which assigns different tasks to specific CPU cores. Certain cores are isolated in Linux, and PiBus-based I/O communication is assigned to a designated core. This separates industrial I/O communication tasks from general system processes.

The ML9981 integrates CODESYS Runtime with CREVIS' local I/O system. Users can run CODESYS control applications alongside Linux applications on a single device, combining machine control with additional data processing and connectivity functions.

We look forward to welcoming visitors to the CODESYS joint booth at SPS 2026. CREVIS will introduce the ML9981 and its latest industrial I/O solutions and discuss how these products can meet visitors' automation requirements.