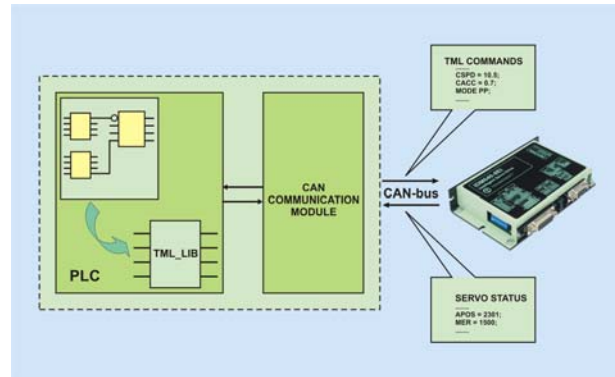


Technosoft Motion Control Libraries and Drives for PLC Applications

TML_LIB_S7 and TML_LIB_CJ1 are the new Motion Control Libraries which embed Technosoft Drive / Motor Intelligence on a PLC environment. The TML Motion Libraries for PLC are a collection of high-level functions and function blocks allowing the control, from a PLC, of the Technosoft intelligent drives and motors based on MotionChip™ technology. The motion control function blocks are developed in accordance with the PLCopen standard and represent the ideal tool for a quick implementation on PLCs of motion control applications with Technosoft products.



Using TML_LIB_S7 for Siemens S7-300 and S7-400 PLCs, or TML_LIB_CJ1 for Omron CJ1 PLCs, application developers can: communicate with a drive/motor via any of its supported channels, send motion commands, get automatic or on request information about drive/motor status, check and modify its setup parameters, read inputs and set outputs, etc. Depending on the PLC type, the communication is done either directly with the CPU unit, or via a CANbus / RS-232 communication module.

As Technosoft drives can perform a greater number of motion modes than those introduced by the PLCopen standard, the TML Motion Libraries for PLCs include additional function blocks to support them. All these blocks have been designed using the guidelines described in the PLCopen standards, so they can be integrated on any development platform that is IEC 61136 compliant.

Technosoft TML Motion Libraries for PLCs drastically speed up the development of PLC applications integrating a motion control module. These libraries let users focus on the other aspects of their application, while the motion control part can be reduced to calling the appropriate functions and monitoring the confirmations that the task was done.

Technosoft is a leading DSP Motion Control technology company, specialized in the design and manufacture of motion control products and custom motion systems. We focus on innovative design and the implementation of latest control technology which have culminated in the realization of the MotionChip™, a dedicated DSP for motion control, embedded today in a broad range of intelligent servo and stepper drive products. Technosoft is committed to offering solutions for a large variety of applications ranging from medical, industrial, textile to factory automation.

Complete specifications:

http://www.technosoftmotion.com/products/OEM_PROD_TML_LIB_S7.htm.

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