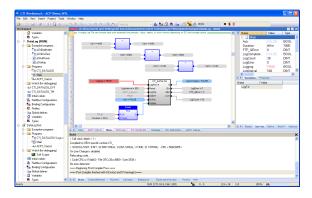
2500-WB-USB CTI WorkbenchIntegrated Development Environment





Description

The CTI Workbench IDE is used for development of application programs and and configuration of module parameters for the new generation of CTI products including the 2500P-ACP1 Application Coprocessor and new JANUS Controllers. CTI Workbench is a full-featured development environment with integrated programming editor, I/O and fieldbus configuration tool, debugger, trender, data monitor, and simulator. CTI Workbench is PLCopen certified, and may be used to develop programs that adhere to IEC-61131-3 requirements.

The application program may be developed in any of the five IEC-61131 programming languages:

- Ladder Diagram (LD)
- Function Block Diagram (FBD)
- Structured Text (ST)
- Instruction List (IL)
- Sequential Function Chart (SFC)

A complete library of functions is provided to perform the following tasks:

- Complex mathematical computations
- · Boolean logic
- File management
- String handling
- Timer/Counter operations
- PID control
- Real-time data logging

CTI Workbench is compatible with Microsoft Windows[®] 7, 8, 8.1, and 10.

Features

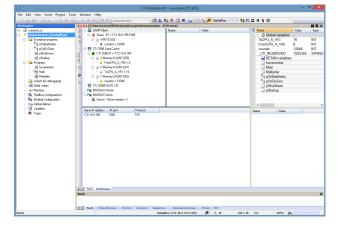
- Program editors for all five IEC languages
- Development Aids
 - Graphical editor for creation of animated

objects for monitoring and HMI applications

- Customization of menus, windows, fonts, display colors, and editing rules
- Program translation between ST, LD, FBD, and IL languages
- Navigation tools for compare, search, and editing across all programs
- Automatic documentation and Revision History reporting
- Full syntax coloring

• Time-Saving Features

- Support of OLE drag-and-drop in all editors
- Quick-edit mode with "on-the-fly" variable declaration
- Auto-completion of variable and function names within editors



Monitoring and Debugging

- Application monitoring features such as variable "spy lists", soft-scope trend charts, digital sampling trace, and run-time status displays
- Full array of debugging tools for PC simulator and run-time target:
 - · Set Breakpoints and Tracepoints
 - Program can be paused or set to cyclic or step-by-step execution mode.
 - Call stack display shows nested execution levels for function blocks and sub-programs
- Network Communications Supported (2500P-ACP1)
 - CAMP Client (TCP, UDP, Multicast)
 - CTI ACP1 DataCache to CXXX controllers
 - Ethernet/IP Adapter (server)
 - Ethernet/IP I/O Scanner (client)
 - Ethernet/IP Tag Client



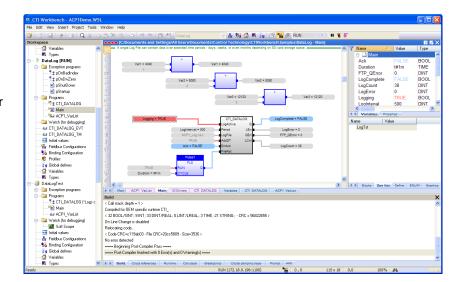
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- Modbus Ethernet (Client / Server or Master / Slave)
- Serial Modbus (Master, Slave)
- General ASCII (Send, Receive)
- · Network Data Exchange
- MQTT Client
- Network Communications Supported (JANUS Controllers)
 - CAMP Client (TCP, UDP, Multicast)
 - CAMP Server
 - · CTI Enhanced DataCache to CXXX controllers
 - Local I/O
 - Remote I/O
 - Profibus DP Master
 - Ethernet/IP Adapter (server)
 - Ethernet/IP I/O Scanner (client)
 - Ethernet/IP Tag Client
 - Ethernet/IP Tag Server
 - Modbus Ethernet (Client / Server or Master / Slave)
 - Network Data Exchange
 - MQTT Client

Supports globalization





Maintenance and Support Options

Workbench includes free upgrades for 1yr after the initial purchase. After that year you can continue to use the software, but you will not be able to run new versions of the software which are released after the expiration of your initial term. In order to have access to run newer versions, you can purchase a 1 or 2 year software maintenance agreement using the part numbers in the table below.

Ordering information

Workbench IDE, Standard License
Workbench IDE, Subscription License, 3 mos
Workbench IDE, Subscription License, 6 mos
Workbench IDE, Annual Maintenance, 1yr
Workbench IDE, Annual Maintenance, 2yr

2500P-WB-RMP1 Workbench IDE, Annual Maintenance Reinstatement if

expired less than 1 yr

2500P-WB-RMP2 Workbench IDE, Annual Maintenance Reinstatement if

expired 1-2 yr