UEDIT™

UNICO Embedded Drive Integration Tools

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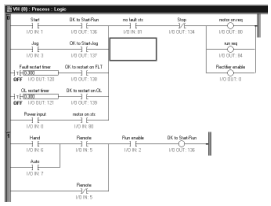
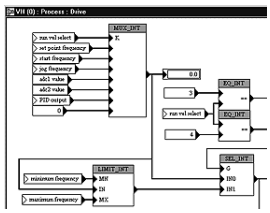
Overview

UEdit™ (UNICO Embedded Drive Integration Tools) is a suite of tools for customizing, monitoring, and managing UNICO's embedded drive applications. The software, which runs on a Windows-based personal computer, lets users tailor an application to their needs without affecting the core program. This provides greater control over integration as well as the independence to make engineering changes at any time. Powerful diagnostic, simulation, and archiving tools help minimize downtime and shorten start-ups. UEdit™ operates with UNICO's 1000 and 2000 series drives.



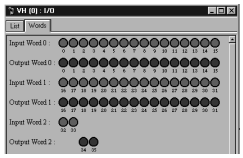
Ladder Editor

The *Ladder Editor* lets users build ladder logic to control or modify embedded drive functions. The graphical editor provides both on-line monitoring and off-line simulation modes. Standard programmable controller features, such as contacts, coils, timers, and data read and write functions, are supported.



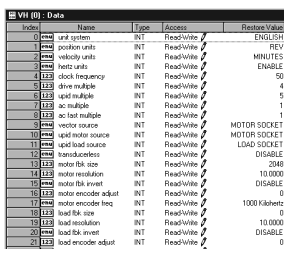
Function Block Editor

The *Function Block Editor* extends programming flexibility by allowing mathematical computations, boolean logic, counters, comparisons, timers, and other functions to be included in applications. More than 70 predefined function blocks are provided, and users can create their own. The editor features an intuitive drag-and-drop environment.



I/O View

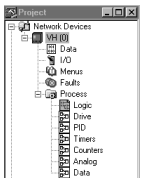
The *I/O View* displays the status of application inputs and outputs and lets users manipulate them. Bits can be viewed by name or graphically by word. Individual bits may be set, cleared, or forced on or off.



Data View

The *Data View* displays all setup and readout parameters in a device along with their values and other attributes. Parameter units may be changed globally within a device with the click of a button. Variables may also be dragged to the function-block or ladder-editor windows when programming. A complete record of drive data can be permanently archived or printed for safekeeping and restored to the drive in the event of a failure.

Overview *(continued)*



Project View

Project View reveals the architecture of a UEdit™ project at a glance. User-defined tasks, such as ladders and function blocks, are grouped according to the clock levels assigned to them. This allows code to be partitioned into meaningful segments that can be displayed simultaneously during monitoring or simulation.

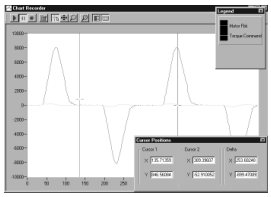


Chart Recorder

The *Chart Recorder* monitors drive performance in real time. Four channels can be displayed simultaneously in several user-definable formats. Predefined signals, data, and I/O from varying clock levels may be monitored. Chart data can also be exported to a file for use by other programs such as Excel.

Additional Features

- Helpful application download wizard makes upgrading core embedded applications easy
- Automatically detects new devices and program changes within devices
- Multidrop capabilities for maintaining simple local networks
- Identifies network devices and reports their attributes
- Built-in help menu
- Revisions are upwardly compatible and load without necessitating downtime

Specifications

Minimum Requirements

- UNICO drive supporting UEdit™ tools (specifically a 1000 series drive with an X40 40 MHz controller or a 2000 series drive with an S41 Standard or E40 Expandable controller)
- Windows 98 or NT operating system
- 200 MHz Pentium processor
- 32 MB of application RAM
- 10 MB of available hard drive space for standard installation
- CD-ROM drive for installation
- Serial communications port
- Monitor
- Mouse
- Keyboard

Part Numbers

Number	Description
804-758	UEdit™ software CD-ROM for 1000 and 2000 series drives
203-069	Cable for 1000 series drives
202-734	Cable for 2000 series drives

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