

Lexium Software Suite - change summaries

Version 1.0.1.4 to 1.0.1.5

Usability enhancements to the overall suite

Motion Control Interface

- Replaces Motion Control Programmer with Motion Control Interface, with enhanced features and functions. The UI is based upon SEM Terminal.
- Supports Firmware Release 6.004 for Lexium MDrive and Lexium Motion Module
- Supports MDrivePlus products, superceding and replacing SEM Terminal, which is no longer available.

Ethernet Interface

- Added support for Ethernet Application Firmware 2.4.0.1 (Kinetis k64 processor)
- Added protocol support for S-curve acceleration profiles and backlash compensation.

CANopen Interface

- Added support for the CANopen Lexium Motion Module

Version 1.0.1.3 to 1.0.1.4

Ethernet TCP/IP Configuration Utility (V 1.2.1.0)

- Supports resident MCode program execution via EtherNet/IP.

Version 1.0.1.2 to 1.0.1.3

Ethernet TCP/IP Configuration Utility (V 1.2.0.9)

- HM added in EIP implicit messaging. Bit data types added to PNIO along the save parameter.

Version 1.0.1.0 to 1.0.1.2

MDrive Programmer (V 1.0.12.0)

- Added Motion Analyzer
- Other minor corrections and cosmetic changes

Ethernet TCP/IP Configuration Utility (V 1.2.0.7)

- Added support for higher speed Ethernet LMD products
- Corrected naming error for Profinet IO products

Version 1.0.0.9 to 1.0.1.0

MDrive Programmer (V 1.0.11.0)

- Improved firmware upgrade performance
- Improved program editor performance
- File handling improved

CANopen Configuration Utility (V 1.0.0.5)

- Improved BAUD rate and NodeID detection

Pulse/direction Configuration Utility (V 1.0.0.7)

- Improved firmware upgrade process
- Added the ability to save and view configuration files while not connected to a unit

Ethernet TCP/IP Configuration Utility (V 1.2.0.6)

- Added Profinet to user saved parameters file
- Corrected Profinet tooltips
- Allow string data types in Profinet to be set to null
- Other minor corrections and cosmetic changes

Version 1.0.0.6 to 1.0.0.9

MDrive Programmer (V 1.09.13)

- Added encoder Remap Utility
- Set default DN to "" not "!" for uploads and downloads.
- Fixed using Ctl-A to select all in edit window.
- Fixed Uploading to an Edit window from a Terminal via EtherNet.
- Fixed Upload/Download Source/Destination names.
- Fixed Global User Variables in assistant. Now correctly saves Global User Variables.
- Fixed Loading Program after Simulator run and stopped.
- Added Tests for simulator running when opening new program file.
- Doubled Timer interval from 1500 to 3000 in beginning upgrade.
- Cleared up problem when deleting a tab and Upload/Download menus aren't filled properly.
- Fixed "unhandled exception" opening new preferences file, by adding setting active doc or comm when closing_all_tabs.
- Fixed up/dn load from/to operation.
- Fixed Closing All DOCs and/or COMMs Tabs.
- Added Filename search when adding new editor tab with generic name.
- Added stripping comments from download programs.
- Further work on close/open tabs and updating upload/download menu items.
- Fixed Downloading from File to a terminal causing an error.
- Increased delay after sending UG 2956102 from 500 to 1000 mSec
- Removed Calibration fault in frmAttenOut.
- Changed AuxV warning to Voltage Warning
- Increased upgrade/retry time to 1000

Ethernet Configuration Utility (V 1.2.04)

- Added encoder Remap Utility

Pulse/direction Configuration Utility (V 1.0.0.6)

- Added encoder Remap Utility

CANopen Configuration Utility (V 1.0.0.4)

- Added encoder Remap Utility

Version 1.0.0.4 to 1.0.0.6

MDrive Programmer (V 1.0.6.0)

- Fixed upgrader to detect bootloader
- Added setting min. upgrade linedelay time of 100 mSec.
- Found and stopped error messages when filling NIC ip's.

Version 1.0.0.3 to 1.0.0.4

MDrive Programmer (V 1.0.4.0)

- Fixed Trip on Time. Showed Tp instead of Tt.
- Decreased Serial Upgrade time to (226 to 136) sec, depending on boot version.
- Decreased Ethernet Upgrade time to (206 to 130) sec, depending on boot version.
- Eliminated a lot of Ethernet Comm. error messages.
- Cleaned up Comm. Settings when no NICs are found.
- Added Funtion key Editor Right click functions.
- Added Open and Close functions to Terminal Tab right click menu.
- Fixed Upgrading drive type detection.

Ethernet Cofiguration Utility (V 1.2.0.1)

- Added support for Profinet IO products.
- Added remote remote reset, watchdog timer and auto upgrade without poer cycle.
- Only allow in network TFTP address saves to flash.
- Added user selectable EIP socket timeout.
- Added Save/load for user IP, gateway, subnet mask and EIP settings.
- IP/SN discovery added for EIP application versions 2.2.0.2 and newer.

Pulse/direction Configuration Utility (V 1.0.0.3)

- Corrected Index pointer when saving last connected port and BAUD rate.
- Cleaned up error trap reporting a recal.

CANopen Configuration Utility (V 1.0.0.2)

- Added support for NEMA 17 Lexium MDrive products.
- EDS sheets no longer included.
- Enhanced comments for Halt vs Motion modes.

Source: <http://motion.schneider-electric.com/lmd/lexium-mdrive-software.php>