



## SMI Release Notes: SMI 3 0 0 60

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### Moog Animatics SMI Update Revision History Changes

#### **SMI 3\_0\_0\_60, release 12/16/20**

- Updated IntegMotorInterface to allow downloading .smxe files
- Updated terminal window, now double click sends entire line
- Added automatic port refresh when using find motors or lockup wizard
- Added refresh ports button on lockup wizard screen
- Added CANopen master configuration tool
- Added scaling to cam import tool
- Added an error/status decoder to the tools menu
- Added read/write SDO for CAN open channel in configuration tree
- Added Linux and Python examples to install files
- General bug fixes

#### **SMI 3\_0\_0\_45, release 05/21/19**

- Added automatic detection of KVaser CAN ports

#### **SMI 3\_0\_0\_43, release 04/24/19**

- Added ability to display responses to terminal commands as hexadecimal

#### **SMI 3\_0\_0\_42 release, 04/11/19**

- Added floats for class 5 and 6 to motor view window in user variable tab
- General bug fixes

#### **SMI 3\_0\_0\_40 release, 03/15/19**

- Added CSharp SMIEngine example
- Added display for industrial ethernet errors in motor view window and network tab
- Added display of actual time between samples in chart view
- Added option for more accurate timer in chart view
- Updated motor view window and network tab to show better industrial ethernet protocol info
- Updated DHCP server tool
- Updated LabView example
- General bug fixes

### **SMI 3\_0\_0\_36 release, 10/10/18**

- General bug fixes

### **SMI 3\_0\_0\_34 release, 08/21/18**

- Updated IntegMotorCANComm.dll to version 1.0.0.13 to fix class 6 motors object 0x2200 removal
- Playground will set correct default torque when switching between motors

### **SMI 3\_0\_0\_33 release, 08/01/18**

- General bug fixes

### **SMI 3\_0\_0\_32 release, 07/20/18**

- General bug fixes

### **SMI\_3\_0\_0\_31 release, 07/17/18**

- Added Casella DS2020 drive
- Added ability to refresh detected port configuration
- Added calculation to main menu under tools, not tied to motor
- Updated Trace feature to display trace marker better
- Added check for Ethernet Adapter type when displaying list of adapters
- Ethernet motors arranged by IP address
- Added ability to use COM port higher than 30 if detected
- General bug fixes

### **SMI\_3\_0\_0\_29 release, 12/07/2017**

- Made Macros Dialog modeless.
- Added ability to load and save macros.
- Added the Developer's Guide to the shortcuts.
- Added ability to use the bit mask field when using the chart view.
- Added floating point number handling to chart view.

### **SMI\_3\_0\_0\_28 release, 07/27/2017**

- Added Check for Updates.
- Added DHCP server.
- Added an advanced option for showing communication ports with modem in their name.
- Added a check to prevent Combitronic commands inside parenthesis.
- Added SYSCTL, NMT, SDORD, EOFT, PRINT2 and SDOWR to the class 6 language file.

### **SMI\_3\_0\_0\_20 release, 12/13/2017**

- Added ability to paste a directory path when creating a new project.
- Added support for class 5 and 6 motors using variables in second argument for VST and VLD commands.
- Added an entry for encoder resolution for the playground if a valid value is not read from the motor.
- Added separate tile vertically and horizontal.
- Lockup Wizard always enabled.

### **SMI\_3\_0\_0\_19 release, 05/17/2016**

- Updated to IntegMotorInterface.dll 2.2.3.3
- Added ability to download adb file for class 6 motors with bad adb block.
- Changed type for channel index in Playground.

### **SMI\_3\_0\_0\_18 release, 03/28/2016**

- Changed timeout when opening TCP connection.
- Added error messages for class 6.
- Updated to correct LEDs for LC17.

### **SMI\_3\_0\_0\_17 release, 02/16/2016**

- Added 5.1 language file with new s-curve commands.
- Added ability to tune over CAN (class 6).
- Changed tuning program for class 6 USB
- Added disabled icons for LEDs on LC series motors. Grey with black x.
- Allowed floats for VLD and VST
- Added color coding for SADDR#
- Added new CAN master command NMT SDORD SDOWR and new CAN status word.
- Added echo check for class 6 when getting program info through serial.
- Added version checking when downloading .hez file
- Updated IntegMotorInterface.dll to add notifications 2.2.3.2.
- Updated IntegMotorCANComm.dll to add notifications 1.0.0.11.
- Updated establishing serial daisy chain.
- Updated IntegMotorCANComm.dll to add notifications 1.0.0.10.

### **SMI\_3\_0\_0\_16 BETA release, 10/30/2015**

- Completely NEW editor
- New Industrial Ethernet, Ethernet/IP, EtherCAT, and PROFINET Support features.
- Updated SMIEngine with new help and 64 bit version.
- Ability to encrypt program and prevent upload from motor.
- All features of SMI except tuning supported through CANOpen.
- Undo and Redo functions
- Line number display
- Integrated help file for Class 5 and 6 Smartmotor, as well as legacy Class 4 motors
- Integrated links to Developers guide and other resources
- Ability to bulk tab code

Each download of SMI comes with our full software suite including...

- Smartmotor Playground – Easily begin motion and debugging without code
- Smartsizer – Find the right Smartmotor for the job
- Motor View – View all motor status
- Chart View – plot data in real time
- SMIEngine for creating custom application-specific interfaces