

## Design & applications

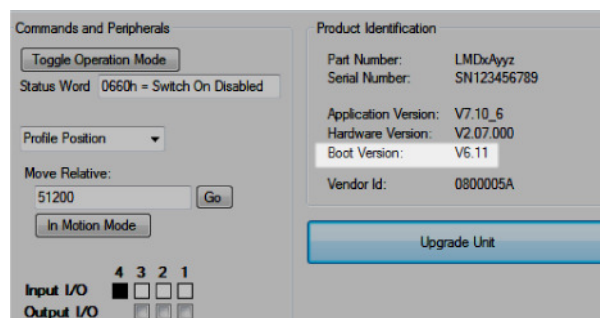
### Support

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### Upgrading the Lexium MDrive CANopen Boot Loader and Firmware

SEM recommends upgrading the boot loader software for versions 6.11 and lower and application firmware version 7.15 and lower. Updating the CANopen boot loader and firmware is a simple process that takes less than a minute using the upgrade utility built into the CANopen Configuration Tool, a part of Lexium MDrive Software Suite.

the boot loader version is located in the product identification block at the right of the home screen of the CANopen Configuration utility. SEM recommends using the latest firmware and boot versions.



#### Requirements:

- Lexium MDrive Software Suite with the CANopen Configuration Utility installed.
- The latest firmware and boot loader files for the Lexium MDrive CANopen products, accessible from the [Firmware page](#).
- Extract the contents of the zip file to a location on your hard drive/

#### Notes and warnings

- Once begun, the process must not be interrupted. The boot loader upgrade (Approx 10 seconds) MUST be immediately followed by the Firmware upgrade (Approx 22 seconds). Interrupting either process may result in a non-functional unit.

#### Upgrade the Boot loader and Firmware

- From the home screen of the CANopen configuration Utility, Click the "Upgrade Unit" Button.
- Click the browse to file button of the Upgrade Utility screen



- Select the BootUpgraderApp \*.SEM file.

Name	Date modified	Type
LMDxA v7p16 EDS	9/19/2014 2:25 PM	File folder
LMD_CAN_App_V_7_16.sem	9/18/2014 11:27 AM	SEM File
LMD_CAN_BootUpgraderApp_6p12_3.sem	9/23/2014 8:08 AM	SEM File

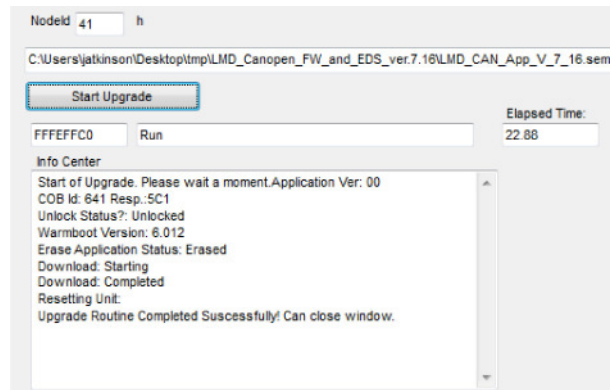
- Click open.
- Click "Start Upgrade"
- The boot upgrade process takes approximately 10 seconds to complete. At this time **DO NOT** close the Upgrade Utility screen.
- Click the browse to file button of the Upgrade Utility screen, selecting the firmware application upgrade file.

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LMDxA v7p16 EDS	9/19/2014 2:25 PM	File folder
LMD_CAN_App_V_7_16.sem	9/18/2014 11:27 AM	SEM File
LMD_CAN_BootUpgraderApp_6p12_3.sem	9/23/2014 8:08 AM	SEM File

- Click open.
- Click "Start Upgrade"
- The firmware application upgrade process takes approximately 23 seconds to complete.

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**Technical product questions?**  
Please contact Applications Support by submitting a [support request](#).



11. When complete, you may close the upgrade utility window and commission the Lexium MDrive CANopen as normal.