

ModusToolbox™ Industrial MCU Technology Pack release notes

ModusToolbox™ tools package version 3.3.0

ModusToolbox™ Industrial MCU Technology Pack version 2.0.0

About this document

Scope and purpose

This release is the ModusToolbox™ Industrial MCU Technology Pack. The pack contains the Motor Control GUI version 2.40 and Power Conversion Configurator version 1.0, which will be installed for the ModusToolbox™ tools package version 3.3.0. This document describes the features and known limitations for the tools included with this pack.

ModusToolbox™ software is a set of tools that enable you to integrate our devices into your existing development methodology. ModusToolbox™ software consists of various libraries and middleware on GitHub, as well as an IDE and tools package installed on your computer. For more details about what is included with ModusToolbox™ software, refer to [ModusToolbox™ tools package user guide](#).

Referenced documents

- [ModusToolbox™ tools package user guide](#)
- [ModusToolbox™ tools package installation guide](#)

Installation

You must have already installed [ModusToolbox™ 3.3 tools installation package](#) before installing this pack. If not already installed, download and install the ModusToolbox™ Setup program, which you can use to install both the tools package and the Industrial MCU Technology Pack.

Create application

For details about how to use ModusToolbox™ software, refer to [ModusToolbox™ tools package user guide](#).

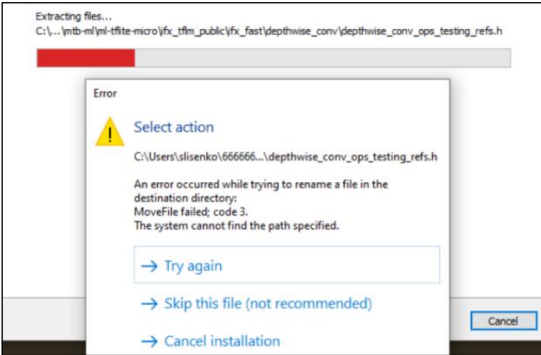
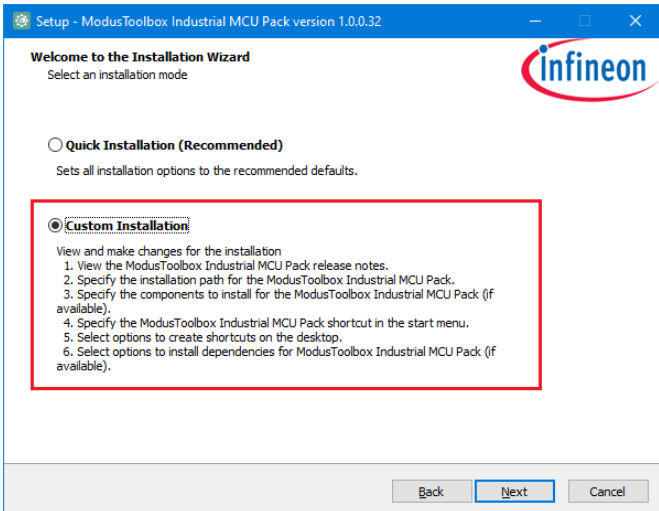
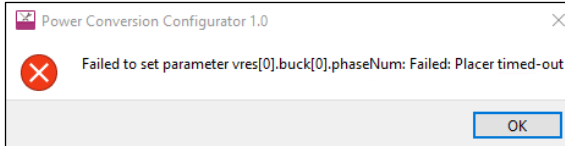
What's included

This pack provides the latest Motor Control features for use with ModusToolbox™ software, including:

- Motor Control GUI version v2.4.0 (Windows only)
- Power Conversion Configurator v1.0.0 (Windows, Linux, and macOS)

Known issues

Known issues

Problem	Workaround
<p>On Windows, installation of the ModusToolbox™ Pack may interrupted with the following error</p> 	<p>This is because of the path length limit issue on Windows. If this happened during the 'Quick Installation' option (when the Pack is installed in the default destination directory), cancel the installation and try again, but select 'Custom Installation' and install the Pack to the non-default destination directory. Keep your custom destination directory as short as possible.</p> 
<p>The software assets are built and validated with no LTO (link time optimization) setting.</p>	<p>N/A</p>
<p>The Power Conversion Configurator displays a generic "Placer timed out" error in some cases when there are insufficient hardware resources to implement the design.</p> 	<p>None. This issue will be addressed in the next release.</p>

Revision history

Document version	Date of release	Description of changes
**	2024-12-02	New document

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