

ModusToolbox™ 3.0.1 tools package patch release notes

About this document

Scope and purpose

This release is a patch to the ModusToolbox™ 3.0.0 tools package. This document describes the features and known limitations for the tools included with this patch.

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 the ModusToolbox[™] software, refer to the ModusToolbox[™] tools package user guide.

Referenced documents

- ModusToolbox[™] tools package user guide
- ModusToolbox™ tools package installation guide

What's included/changed

This patch release provides updated Bluetooth® Configurator version 2.70.0, which uses the AIROC™ BTSTACK middleware library for PSoC™ 63 devices. You may still open and edit old configurations created for the BLESS library, but this feature is deprecated for new configurations starting from this release.

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Known issues

Known issues

| Problem | Workaround |
|--|--|
| If the configuration contains some information or a warning notice, the user will see the message box stating that an error is present in the configuration when the user tries to save the configuration. | The configuration may not contain an error, depending on the target device. Check the device datasheet and if the selected data is correct, proceed with the saving. |
| General LE GATT Settings GAP Settings L2CAP Settings GATT Enable GATT database Maximum remote clients connections: Maximum remote servers connections: Maximum remote servers connections: Maximum attribute length (bytes): Attribute MTU size (bytes): R R/PDU size (bytes): GAP role Peripheal Broadcaster Central Doserver | |
| Notice List Fix Description Check your device datasheet to know what maximum clients connection count is supported. Check your device datasheet to know what maximum clients connection count is supported. General LE Ready Device AIROC BISTACK with Bluetooth LE only [Updatable Stack] (CYW2025), PSoC 6, PSoC 6 with CYW43xxx Connectivity device). | |
| For fields Maximum remote clients connections, Maximum remote servers connections, and TX power, the error message may display for devices CYW20829, PSoC™ 63, PSoC™ 6 with 43xxx Connectivity device. | |
| For field TX power, the error message may also display for devices CYW5557x, CYW5551x, and CYW5591x. | |
| The XML configuration files of Bluetooth® Configurator 2.70.0 of ModusTooolbox™ 3.0.1 tools package patch are not forward compatible with Bluetooth® Configurator 2.60.0 ModusTooolbox™ 3.0.0 tools package. | Open your configuration in the GUI application of Bluetooth® Configurator™ 2.60.0, select the proper device if prompted, save the configuration. |

Installation

You must have already installed the ModusToolbox[™] 3.0.0[™] tools package before installing this patch. If you do not already have the ModusToolbox[™] 3.0.0 tools package installed, refer to the ModusToolbox[™] installation guide for instructions. After the 3.0.0 version has been installed:

- For Windows and macOS, launch the patch installer and follow the instructions.
- For Linux, extract the ModusToolbox_3.0.1.xxxx-linux-install.tar.gz file into the existing directory where the ModusToolbox™ 3.0.0 tools package was installed.

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Edition 2023-03-16 Published by Infineon Technologies AG 81726 Munich, Germany

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Document reference 002-37146 Rev.*A

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