

XBee Multi Programmer Release Notes

XBee Multi Programmer

Version 1.2.10 (July 3, 2024)

INTRODUCTION

These are the release notes for XBee® Multi Programmer, the solution to program specific profiles and firmware in multiple Digi International Inc. XBee RF modules in an easy and quick way.

SUPPORTED PRODUCTS

Operating systems

- Windows 7/8/10/11 (32-bit or 64-bit versions)

RF modules

- Digi XBee® 3 Module Family
 - XBee 3 Zigbee 3
 - XBee 3 DigiMesh 2.4
 - XBee 3 802.15.4
 - XBee 3 BLU
 - XBee RR
 - XBee 3 Cellular LTE CAT 1
 - XBee 3 Cellular LTE-M/NB-IoT
 - XBee 3 Cellular LTE-M/NB-IoT (GNSS/2G)
 - XBee 3 Global LTE Cat 1
 - XBee 3 North America LTE Cat 1
 - XBee 3 Global LTE Cat 4
 - XBee 3 North America LTE Cat 4
 - XBee 3 Global LTE-M/NB-IoT Low Power
- XBee/XBee-PRO® RF Module Family
 - XBee XR
 - XBee Cellular (LTE Cat 1 and 3G)
 - XBee S2C
 - XBee SX
 - XBee SX 868
 - XBee 900HP
 - XBee XSC

KNOWN ISSUES

1. It is not possible to update XBee Cellular LTE Cat 1 modules to firmware versions lower than 100A.
2. If you use pre/post scripts to communicate with an XBee device over the serial port, you must implement a retry system to ensure a more robust connection with the target module. The FTDI D2XX library, used by XBee Multi Programmer, locks the access to all ports when opening any of them. This could cause the port you are trying to access to be in use when your script tries to open the connection.

UPDATE CONSIDERATIONS

N/A

UPDATE BEST PRACTICES

There are two ways of getting this new version:

1. If you do not have XBee Multi Programmer installed on your computer, download and install the tool from the Digi website (<https://www.digi.com/xbeemultiprogrammer>).
2. If you already have XBee Multi Programmer installed on your computer, open the tool and wait until it notifies you about the new update. Then, follow the process to install the new version.

You can manually check for updates at any time from *Help > Check for updates*.

You should always run the latest version of XBee Multi Programmer.

TECHNICAL SUPPORT

Get the help you need via our Technical Support team and online resources. Digi offers multiple support levels and professional services to meet your needs. All Digi customers have access to product documentation, firmware, drivers, knowledge base and peer-to-peer support forums. Visit us at <https://www.digi.com/support> to find out more.

CHANGE LOG

VERSION 1.2.10 (July 3, 2024)

This is a mandatory release.

NEW FEATURES

1. Added support for the new XBee 3 BLU modules.

ENHANCEMENTS

1. N/A

SECURITY FIXES

1. When installing the application for all users, install it always in the “Program Files” directory to

avoid a possible DLL hijacking vulnerability. [XBMP-412]

BUG FIXES

1. N/A

VERSION 1.2.9 (December 12, 2023)

This is a mandatory release.

NEW FEATURES

1. Added a preference to record SIM card ICCID in Cellular devices and include it in the reports. [XBMP-410]
2. Added an entry in the File menu to export the list of programmed devices to register them in Digi Remote Manager. [XBMP-410]

ENHANCEMENTS

1. N/A

SECURITY FIXES

1. N/A

BUG FIXES

1. Fixed an issue when discovering a device in MicroPython mode configured with a non-common baud rate. [XBMP-411]

VERSION 1.2.8 (May 29, 2023)

This is a mandatory release.

NEW FEATURES

1. Added support for the new XBee 3 Global LTE Cat 4 and XBee 3 North America LTE Cat 4 modules. [XBMP-407]
2. Added support for the new XBee XR 868 TH XBee XR 900 TH modules.

ENHANCEMENTS

1. N/A

SECURITY FIXES

1. N/A

BUG FIXES

1. N/A

VERSION 1.2.7 (November 4, 2022)

This is a mandatory release.

NEW FEATURES

1. N/A

ENHANCEMENTS

1. N/A

SECURITY FIXES

1. N/A

BUG FIXES

1. Fixed an issue with EasyFlash 13.03.1.2 causing the update to modem version 05.12,A.02.21 to fail.

VERSION 1.2.6 (October 7, 2022)

This is a mandatory release.

NEW FEATURES

1. Added support for the new XBee 3 Global LTE-M/NB-IoT Low Power module. [XCTUNG-2137]
2. Added support for the new XBee RR TH Pro/Non-Pro module. [XCTUNG-2151]

ENHANCEMENTS

1. Updated u-blox EasyFlash to version 13.03.1.2.

SECURITY FIXES

1. N/A

BUG FIXES

1. Fixed an issue causing the firmware update not to start when the profile did not contain the modem firmware even if the modem update was not required. [XBMP-403]

VERSION 1.2.5 (May 16, 2022)

This is a mandatory release.

NEW FEATURES

1. Added support for the new XBee 3 Global LTE Cat 1 and XBee 3 North America LTE Cat 1 modules. [XBMP-401]

ENHANCEMENTS

1. N/A

SECURITY FIXES

1. N/A

BUG FIXES

1. Fixed several issues when programming newer revisions of XB3-24 modules. [XBMP-398, XBMP-399]

VERSION 1.2.4 (December 14, 2021)

This is a mandatory release.

NEW FEATURES

1. N/A

ENHANCEMENTS

1. N/A

SECURITY FIXES

1. Updated log4j library to fix [CVE-2021-44228](#) vulnerability.

BUG FIXES

1. Fixed an issue causing the u-blox modem version L0.0.00.00.05.12,A.02.19 not being flashed when required. [XBMP-393]

VERSION 1.2.3 (September 22, 2021)

This is a recommended release.

NEW FEATURES

1. Added support for the XBee 3 Cellular LTE-M/NB-IoT (GNSS/2G) module. [XBMP-387]

ENHANCEMENTS

1. N/A

SECURITY FIXES

1. N/A

BUG FIXES

1. Fixed an intermittent issue that was causing a slot to get stuck and unusable until the application was restarted.

VERSION 1.2.2 (January 8, 2021)

This is a recommended release.

NEW FEATURES

1. N/A

ENHANCEMENTS

1. Updated u-blox EasyFlash to version 12.10. [XBMP-383]

SECURITY FIXES

1. N/A

BUG FIXES

1. N/A

VERSION 1.2.1 (April 1, 2020)

This is a recommended release.

NEW FEATURES

1. N/A

ENHANCEMENTS

1. N/A

SECURITY FIXES

1. N/A

BUG FIXES

1. Fixed an issue when changing the baud rate in the programming process. [XBMP-346, XBMP-372]

VERSION 1.2.0 (October 15, 2019)

This is a recommended release.

NEW FEATURES

1. Added a mechanism to execute pre and post scripts before and after programming each XBee module. These scripts have to be included in the profile when creating it with XCTU. [XBMP-345]

ENHANCEMENTS

1. Perform a clean shutdown of a Cellular module after programming it. [XBMP-359]
2. Updated the u-blox EasyFlash tool version to 10.02. [XBMP-358]

SECURITY FIXES

1. N/A

BUG FIXES

1. Fixed an issue when resetting the XBee module. [XBMP-355]

VERSION 1.1.1 (April 24, 2019)

NEW FEATURES

1. N/A

ENHANCEMENTS

1. N/A.

SECURITY FIXES

1. N/A

BUG FIXES

1. Fixed an issue causing the profile viewer to not show up when the loaded profile contains the FK setting (File System Public Key).

VERSION 1.1.0 (February 26, 2018)

NEW FEATURES

1. Added support for the following devices:
 - XBee 3 Cellular LTE CAT 1
 - XBee 3 Cellular LTE-M/NB-IoT
2. Added support for profiles with attached file system. Profile viewer has been reworked to display it.
3. Added a Change log dialog that lists all the XBee Multi Programmer releases with the new features, changes and fixes they introduce. This dialog is displayed automatically whenever the application is installed from scratch or it has been updated to a new version. It is also possible to open the change log dialog from the Help > Change log menu entry.

ENHANCEMENTS

1. Improved the robustness and stability of the firmware update process.

SECURITY FIXES

1. N/A

BUG FIXES

1. N/A

VERSION 1.0.0 (February 2, 2018)

First release of XBee Multi Programmer.