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# FlashPro v11.3 Release Notes

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FlashPro software is packaged with Libero® software and installed by default. If you install Libero SoC v11.3 for Windows you do not need to install FlashPro standalone.

FlashPro is available as a standalone installation as a convenience for programming-only installations.

Libero SoC v11.3 is a comprehensive software suite for designing with Microsemi's [SmartFusion2](#) and [SmartFusion](#) SoC FPGAs, and [IGLOO2](#), [IGLOO](#), [ProASIC3](#) and [Fusion](#) FPGA families.

Visit the Documents tab on your device page at [www.microsemi.com](http://www.microsemi.com) to obtain silicon Datasheets, Silicon User's Guides, Tutorials and Application Notes.

[Development Kits and Starter Kits](#) are available from the Microsemi website.

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## Supported Families

IGLOO2, SmartFusion2, SmartFusion, Fusion, ProASIC3, ProASIC3E, ProASIC3L, IGLOO, IGLOOe, IGLOO+, ProASIC+, ProASIC

## What's New

### Programming file generation for the following devices:

#### IGLOO2

M2GL090, M2GL090T, M2GL090TS and M2GL090S  
M2GL100, M2GL100T, M2GL100TS and M2GL100S  
M2GL150, M2GL090T, M2GL150TS and M2GL150S

#### SmartFusion2

M2S090, M2S090T, M2S090TS and M2S090S  
M2S100, M2S100T, M2S100TS and M2S100S

## Features

**2 STEP IAP support for M2S/M2GL090**

**Programming Features and Configure Export Programming File Performance speedup**

**Enable Debug Policy within SPM**

## Known Limitations, Issues and Workarounds

### Programming

**SVF for SmartFusion2 and IGLOO2 will be available in a future release.**

**SAR 55421 - "Device I/O states During Programming" Option crashing on Linux**

Segmentation fault error occurs for a SmartFusion2 or IGLOO2 project, when you select Edit Design Hardware Configuration -> Device I/O states During Programming -> Configure Options, then Edit I/O State and close GUI.

**SAR 51767 - Error: The command 'load\_programming\_data' failed.**

During programming file generation if the serialization content files cannot be found, then you will see the following error : "Error: The command 'load\_programming\_data' failed."

**Workaround:** Open **Update eNVM Memory Content** and specify a valid path for each serialization content file.

**SAR 45867 - STAPL player for SmartFusion2 or IGLOO2 will be available in a future release.**

**SAR 41069 - Add PDB loading from DDF for Libero environment**

You may get an exit 6 idcode failure when chain programming within Libero using a PDB file.

**Workaround:** Use a STAPL file or use the standalone FlashPro tool for chain programming

**SAR 47452 - FlashPro verify and erase errors are reported as programming failures.**

If you run programming ACTION VERIFY/ERASE and there is a failure, then the error code will indicate it is a programming failure even though you were running action VERIFY/ERASE.

### SmartDebug

**SAR 54004 - Search in Debug FPGA GUI does not support wild card. This will be supported in a future release.**

**SAR 55368 - eNVM cannot be accessed from SmartDebug when UPK1 is used to lock update protection.**

**SmartFusion2 devices will read invalid memory content if the MSS is held in the reset state or M3 is executing invalid microcode programmed into the Flash Memory.**

**Workaround:** Program a valid design. Confirm that the MSS is not in the reset state.

SmartDebug SERDES will not work for M2S050PP and ES parts.

SmartDebug Tcl commands in the Libero flow will be supported in a future release.

## System Requirements

Refer to [System Requirements](#) on the web for more information regarding operating systems support and minimum system requirements.

## Download FlashPro v11.3

Installation requires admin privileges

[Windows](#)



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