



FlashTool E2 Release Note

Version 2.6

- Added file checksum in download window for all files (in bottom status window).
- Added Prolific driver version check at startup to warn people using an driver version different for the recommended one.
- Made maximum allowed download panel size bigger to allow more text to fit in each channel panel (if possible given the number of channels used).
- Updated help file to describe the problem with some Prolific driver versions for the PL-2303X chip.

Version 2.5

- Added file checksum in file hints (hover mouse over a file to see).
- Added option to get more detailed information from target in case of errors.
- Added option to verify FLASH erase.
- Fixed problem with the "... " browse buttons where they displayed the last filename selected (e.g. a fls filename could be displayed in the EEP field if the FLS file was browsed for last).
- Updated help file.

Note: the DLL interface has been expanded with one function so the GUI can get the checksum. This means that the .exe can't be used with older DLL's (since they don't have that function).

Version 2.4

- Added panels for downloading NAND boot system and DSP files.
- Updated help file.

Version 2.2

- Added two settings: "pre-erase FLASH before writing", and "Check file size" (will prevent potential phone locks ups if e.g. a 64MB fls file is attempted to be downloaded into a 32MB phone).
- Added help short cuts for each tab in settings (on the F1 key).
- Fixed screen flickering problems, specially on Windows XP.
- Rearranged settings tabs
- Updated help file

Version 2.1

- Added "Tools" panel with "whole chip erase" option.
- Added word wrap in download window details, so filenames are not truncated in screenshots
- Added OS version in Error Report information, and cleaned the text up so not unsupported characters appear when pasted into a text editor.
- Fixed minor problem with double titles when running on XP when enabling and disabling binary mode

Version 2.0

Added support for NAND disk files (.dfat files).
Ported application to the BDS 2006 compiler (from BCB 6.0).
Added .NET look and feel on XP machines.
Added Pink skin
Moved version display from form caption to bottom.

Version 1.12

Fixed "Default" button in settings, so it changes the values correctly.

Version 1.11

Changed default values for transmission timeout from 6s to 12s, and made RTS 1 by default (these changes will not appear unless the .ini file is erased). Made is impossible to press the "Start" button after download has completed and while target is being reset (this could result in unwanted behavior).
Added version information to title bar of the main windows.

Version 1.10

Fixed problem with file date when uploading files (Borland showed a confusing pop up when trying to get the file date of a none existing file).

Version 1.9

It is now possible to select Static and dynamic parts of the File System Files separately.

Version 1.8

Added version information in download window title.
Made previous status bar color (red/green) remain from previous downloades when using auto click start without time out (will be erased on next boot synchronication).

Version 1.7

Removed unused button "Make Error Report" (functionality is available on right-click in log window).

Version 1.6

Added hint on most filename fields that show file date and size. Added file date of downloaded files in the download window overview. The newest file on disk will always be used, regardless of what is written in the overview (it is possible to update the file in between downloads while the program is still running). Changed version numbers to only two digits.

Version 1.5.6

- 1) Extra project added in binary mode, so there is support for S-Gold2 512 and 1024 Mbit.
- 2) Avoided calling "IFWD_DL_set_get_control_signal()" when using USB ports.
- 3) Fixed minor bug in COM ports drop down when using arrow keys.

Known problems: There are rare occasions where the COM port "hangs", i.e. the program must be closed before the port can be used again. This will be investigated.

Version 1.5.5

Fixed "Index Out of Bounds" error that could occur after having used the USB Wizard and downloaded to multiple channels.

Added a standalone command line tool: `IFX_DL.exe.`, that is intended for batch file downloads. See `FlashTool_E2.chm` help file for details (Command Line chapter).

Added an debug feature to better test COM port issues in settings (for internal use).

Version 1.5.4

Fixed problem with logs being erased doing multi channel download with Auto Start with no time out. Added check that one does not try to used the Auto Start intended for COM ports while using USB ports.

Version 1.5.3

Added an auto start mode for COM ports that does not require any external hardware to any key presses in the program to get a phone to boot and download. An "Auto Start" tab has been added in settings to control this.

Version 1.5.1

- 1) Fixed problem with opening USB ports again after a completed download.
- 2) Added boot and communication timeout to program settings to allow users to increase timeout in case of problems (should not occur, but now it can be circumvented without having to wait for a new release).
- 3) Better target reset handling added (waits until it gets a callback before closing the com port).

Version 1.5.0

Added a USB Map wizard that takes care of mapping physical USB ports to channel numbers in the same way each time during an automatic multi channel USB Infineon download.

Made normal (as apposed to auto boot) USB Infineon downloads work multiple times without needing to close the download window in between downloads.

Added an auto boot detection during USB Infineon download that uses the USB mapping defined in the USB Wizard.

Added options to control how download is done:

- 1) Skip Empty Blocks (faster download)
- 2) Faster CRC Method (faster download)
- 3) Multi Channel Low CPU Usage (less CPU usage on multi channel download)

Leave all options checked unless you are experiencing download problems.

Version 1.4.3

The COM port drop down list now provides details about the COM ports, so that it should no longer be a need to go to Device Manager to see which COM port is what.

Version 1.4.0

- Added new concept for changing communication driver – it is now a drop down list in the communication setup panel.
- Removed many nagging prompts like. “Are you sure?” on exit, since no data will be lost if user accidentally exits the program (and the program will quickly launch again).
- Changed default behavior in case the .INI is missing (it will now show communication settings on startup as default, since this is the first thing one wants to check on startup).
- Moved the “Settings” menu item to the “File” menu.

Version 1.3.14

Added .flb support to FLS download. Added better USB handling: It is now decided in settings how USB is handled (Edit > Settings > USB Handling). Currently there are two options: “Infineon driver” and a list of customer specific drivers. Please select “Infineon driver” unless otherwise specified. The USB setting will only have an effect if “Native USB Port” is checked.

Version 1.3.13

Removed valid com port caching, so newly available ports are detected without needing to restart the program.

Version 1.3.12

Fixed program freeze on auto boot mode that could occur if polling port status took too long.

Version 1.3.11

Support for automatic download start is added.

Version 1.3.10

Errors in the handling of static EEPROM update are fixed.

Version 1.3.9

Support for static EEPROM update is added.

Version 1.3.8

Fixed bug where the Comport would sometimes be cleared on program start -Added the option to return to setup windows when the download window was closed (old Flash tool behaviour).

Added AT-mode test interface (only needed for test purposes).

Some users were experiences difficulties when the "Skip unused ports" was activated. This feature has been deactivated until the cause can be found.

Older versions

For the versions before version 1.3.8 there have not been any release notes.