



# BYOSOFT®

## BYOSOFT Flash Update Release Notes

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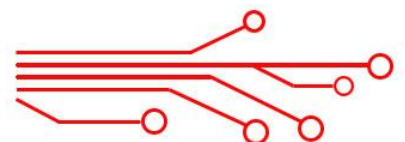
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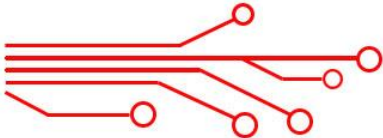
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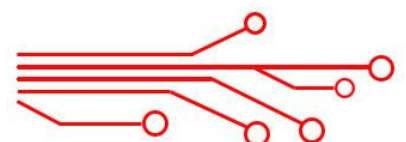
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## Change History

Version	Description	Date
V 1.0	Byosoft Flash Update Release Notes created	2018.8.16



## Overview

This document provides information about Byosoft Flash Tool releases, including revision information, bugs fixed, functions updates, known issues, compatibility updates etc. Byosoft Flash Tool requires to be supported on platforms with Byosoft BIOS firmware image installed.

## Audience

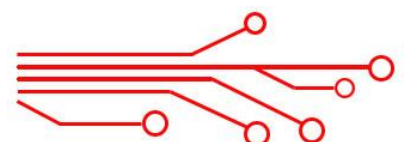
Generic BIOS Engineers, OEM Engineers, Byosoft BIOS Customers.

## Operating System Support

- Microsoft Window 10 (64 bit)
- Microsoft Window 10 (32 bit)
- Microsoft Window 8.1 (64 bit)
- Microsoft Window 8.1 (32 bit)
- Microsoft Window 8 (64 bit)
- Microsoft Window 8 (32 bit)
- Microsoft Window 7 (64 bit)
- Microsoft Window 7 (32 bit)
- EFI Shell
- Microsoft Windows Server 2019
- uos20-4.19.0-6
- CentOS-7.6.1810

## Different Tool Components

Tool Name	OS Environment
ByoShellFlash	Byosoft Firmware Update utility for Shell
ByoWinFlash	Byosoft Firmware Update utility for Windows
BYOFLASH	Byosoft Firmware Update utility for DOS
flash	Byosoft Firmware Update utility for Linux



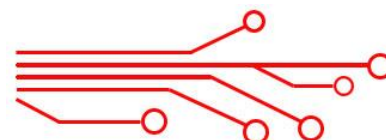


## Revision History

Date	Revision	Description
2018-01-06	V3.0.0	Release of version 3.0.0
2018-10-16	V3.0.1	Release of version 3.0.1
2019-01-07	V3.0.2	Release of version 3.0.2
2019-01-29	V3.0.3	Release of version 3.0.3
2019-02-22	V3.0.4	Release of version 3.0.4
2019-05-06	V3.0.5	Release of version 3.0.5
2019-05-08	V3.10.0(ZX)	Release of version 3.10.0(ZX)
2019-05-15	V3.10.1(ZX)	Release of version 3.10.1(ZX)
2019-05-16	V3.10.2(ZX)	Release of version 3.10.2(ZX)
2019-05-16	V3.10.3(ZX)	Release of version 3.10.3(ZX)
2019-05-20	V3.10.4(ZX)	Release of version 3.10.4(ZX)
2019-06-18	V3.10.5(ZX)	Release of version 3.10.5(ZX)
2019-06-20	V3.10.6(ZX)	Release of version 3.10.6(ZX)
2019-06-28	V3.10.7(ZX)	Release of version 3.10.7(ZX)
2019-07-28	V3.10.8(ZX)	Release of version 3.10.8(ZX)
2019-08-19	V3.10.9(ZX)	Release of version 3.10.9(ZX)
2019-10-09	V3.10.10(ZX)	Release of version 3.10.10(ZX)
2019-11-08	V3.10.11(ZX)	Release of version 3.10.11(ZX)
2020-03-09	V3.10.12	Release of version 3.10.12
2020-03-23	V3.10.13	Release of version 3.10.13
2020-03-31	V3.10.14	Release of version 3.10.14
2020-04-03	V3.10.15	Release of version 3.10.15
2020-04-08	V3.10.16	Release of version 3.10.16
2020-06-01	V3.10.17	Release of version 3.10.17
2020-06-12	V3.10.18	Release of version 3.10.18

## Known Issues

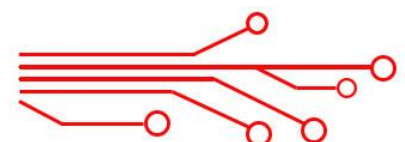
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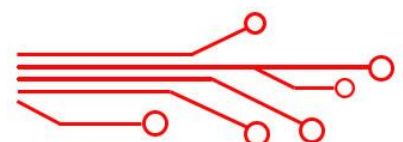
## Fixed Issues in this Release Version

Tool Name	Version	OS	Issues Description
ByoFlash ByoShellFlash ByoLinuxFlash ByoWinFlash	V3.0.1	DOS Shell Linux Windows	<ol style="list-style-type: none"> <li>1. Remove the Pcd which depend on platform from tool.</li> <li>2. Revise error return code.</li> <li>3. Add show and compare bios version function.</li> <li>4. Revise windows ufu driver Sometimes incorrect return value.</li> </ol>
ByoLinuxFlash ByoLinuxFlash	V3.0.2	Linux Shell	<ol style="list-style-type: none"> <li>1. Add keyboard input blocking feature when update bios in Linux.</li> <li>2. Change the method of allocate memory in Shell.</li> </ol>
ByoFlash ByoShellFlash ByoLinuxFlash ByoWinFlash	V3.0.3	DOS Shell Linux Windows	<ol style="list-style-type: none"> <li>1. Fixed shows unexpect message"unable to find device 12/13" under Ubuntu17.10 after flash bios.</li> <li>2. Add SmmPort support for AMD and zhaoxin Shanghai.</li> <li>3. Tune buffer allocation for flash tool.</li> <li>4. Fixed Flash tool assert under EFI shell with debug bios.</li> </ol>
ByoFlash ByoShellFlash ByoLinuxFlash ByoWinFlash	V3.0.4	DOS Shell Linux Windows	<ol style="list-style-type: none"> <li>1. Automatically create device number and device node of FlashUpdate Tool.</li> <li>2. Clear redundant code of FlashUpdate tool.</li> <li>3. Fix Dos version cannot run on AMD Platform.</li> </ol>
ByoFlash ByoShellFlash ByoLinuxFlash ByoWinFlash	V3.0.5	DOS Shell Linux Windows	<ol style="list-style-type: none"> <li>1. Add backup file prompt.</li> <li>2. Add SLP2.0 Windows key support.</li> </ol>
ByoFlash ByoShellFlash ByoLinuxFlash ByoWinFlash	V3.10.0(ZX)	DOS Shell Linux Windows	<ol style="list-style-type: none"> <li>1. Base on 3.0.5, create tool branch for ZX.</li> <li>2. Add dmi lock &amp; unlock interface.</li> <li>3. Add long string update support for smbios type 11. (-msl)</li> </ol>
ByoFlash ByoShellFlash ByoLinuxFlash ByoWinFlash	V3.10.1(ZX)	DOS Shell Linux Windows	<ol style="list-style-type: none"> <li>1. Support clear password and clear oem logo.</li> <li>2. support -resvoem and -resvnm with -all even if there is no related bios info in byo bios info 2 table.</li> </ol>





ByoShellFlash ByoWinFlash	V3.10.2(ZX)	Shell Windows	<ol style="list-style-type: none"> <li>1. auto request admin authority in windows version.</li> <li>2. add rmlogo and rstpwd prompt.</li> <li>3. Update dmi update parameter description. (-t and -o is hex)</li> </ol>
ByoShellFlash ByoWinFlash	V3.10.3(ZX)	Shell Windows	<ol style="list-style-type: none"> <li>1. In multi-command string update(type 11 with more than 64 byte), buffer should be cleared each time.</li> </ol>
ByoShellFlash ByoWinFlash	V3.10.4(ZX)	Shell Windows	<ol style="list-style-type: none"> <li>1. Fix bug11295: Update type 11 successfully via flash tool when enter 257 characters(max 256)</li> <li>2. Update help info about dmi.</li> </ol>
ByoShellFlash ByoWinFlash	V3.10.5(ZX)	Shell Windows	<ol style="list-style-type: none"> <li>1. Update string from "Flash region has been locked, please unlock it in BIOS setup" to "Access denied".</li> </ol>
ByoShellFlash ByoWinFlash	V3.10.6(ZX)	Shell Windows	<ol style="list-style-type: none"> <li>1. There is a coding error in file reading under shell which may cause cpu exception sometimes.</li> </ol>
ByoShellFlash ByoWinFlash	V3.10.7(ZX)	Shell Windows	<ol style="list-style-type: none"> <li>1. Add new parameter "-locksts" to get current lock status.</li> </ol>
ByoShellFlash ByoWinFlash	V3.10.8(ZX)	Shell Windows	<ol style="list-style-type: none"> <li>1. Send tool version to bios to support version match check.</li> <li>2. If bios return "-all" is not supported, directly exit and return "deny".</li> </ol>
ByoShellFlash ByoWinFlash	V3.10.9(ZX)	Shell Windows	<ol style="list-style-type: none"> <li>1. Add bios sign verify support.</li> </ol>
ByoShellFlash ByoWinFlash	V3.10.10(ZX)	Shell Windows	<ol style="list-style-type: none"> <li>1. malloc memory type from nvs to bs data under UEFI tool.</li> <li>2. fix assert in debug version if bios file ext name is not "bin".</li> <li>3. do not read current bios if update mode is logo.</li> </ol>
ByoShellFlash ByoWinFlash	V3.10.11(ZX)	Shell Windows	<ol style="list-style-type: none"> <li>1. support ucode update.</li> </ol>







ByoShellFlash ByoWinFlash	V3.10.12	Shell Windows	<ol style="list-style-type: none"> <li>1. remove parameter -resvoem and -resvnm.</li> <li>2. copyright year 2020.</li> <li>3. prompt user before and after bios update.</li> <li>4. hide OA3 and smbios update interfaces in windows UI.</li> </ol>
BYOFLASH ByoShellFlash flash ByoWinFlash	V3.10.13	DOS Shell Linux Windows	<ol style="list-style-type: none"> <li>1. copyright year 2020.</li> <li>2. Adapt to uos20-4.19.0-6 and CentOS-7.6.1810</li> <li>3. Make tool can't update and add prompt message when no file is selected in windows UI.</li> <li>4. Fix compilation errors.</li> </ol>
ByoWinFlash	V3.10.14	Windows	<ol style="list-style-type: none"> <li>1. Fix that if we choice logo file, then do bios update, tool will not prompt NO BIOS FILE SELECTED.</li> </ol>
ByoWinFlash	V3.10.15	Windows	<ol style="list-style-type: none"> <li>1. Fix bug that: <ol style="list-style-type: none"> <li>a. Select logo file but not to update.</li> <li>b. Then select "Update to new BIOS" and select bios file but not to update.</li> <li>c. select again logo to update.</li> <li>d. Update failed and show error message.</li> </ol> </li> </ol>
ByoWinFlash	V3.10.16	DOS Shell Linux Windows	<ol style="list-style-type: none"> <li>1. add warning message when flash update.( ``During bios updating, Please DO NOT shutdown or reset system``)</li> </ol>
ByoWinFlash	V3.10.17	DOS Shell Linux Windows	<ol style="list-style-type: none"> <li>1. Default enables ``resvoem`` and ``resvnm`` status to back compatible with old bios.</li> </ol>
ByoWinFlash	V3.10.18	DOS Shell Linux Windows	<ol style="list-style-type: none"> <li>1. if parameter is ``-all``, do not keep NVRAM and SMBIOS.</li> </ol>

