

## AMI BIOS BOOT LOGO CUSTOMIZATION

### Revision History

Revision	Date	Author	Changes
1.0	23 <sup>th</sup> January 2018	G.G.	First released
1.1	3 <sup>rd</sup> May 2018	G.G.	Updated document template

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## 1 Introduction

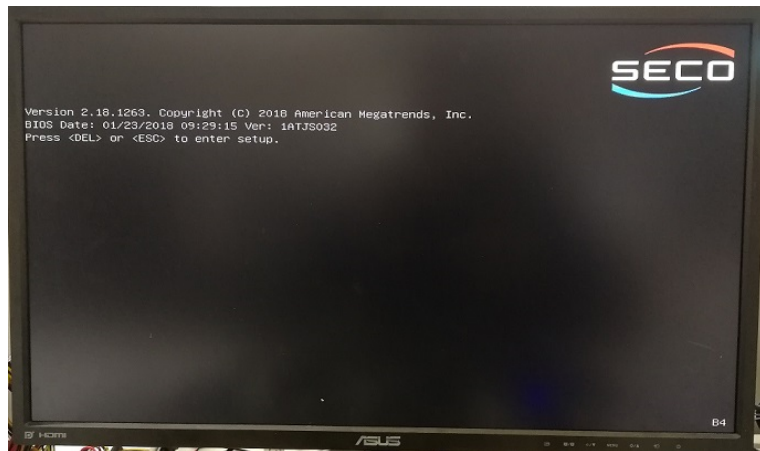
By default the SECO logo is displayed during the boot phase.

There are 2 different kinds of logo:

- Splash logo, large image shown centred in the screen when quiet boot is enabled



- Small logo, small image shown in the top right corner of the screen when quiet boot is disabled



The AMI ChangeLogo utility allows to change both of them with custom images that will be shown during the boot.

The utility is distributed in the following versions:

**ChangeLogoWin.exe** For Windows 32-bit

**ChangeLogoWin64.exe** For Windows 64-bit

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## 2 Replace the logo in the BIOS file

The following operations are used for replacing the boot logo inside the BIOS binary file with custom images

1) Copy the logo files and the original BIOS provided by SECO in the folder where the ChangeLogo utility is located

2) Run the “cmd” shell

3) Move to the folder where utility, the BIOS binary file and the image are placed

4a) For changing the **Splash Logo** the command is (depending on the installed Windows version):

Windows 32-bit

**ChangeLogoWin /i <inROMFile> /o <outROMFile> /r <LogoFile> [/f]**

Windows 64-bit

**ChangeLogoWin64 /i <inROMFile> /o <outROMFile> /r <LogoFile> [/f]**

4b) For changing the **Small Logo** the command is (depending on the installed Windows version):

Windows 32-bit

**ChangeLogoWin /i <inROMFile> /o <outROMFile> /r <LogoFile> /s [/f]**

Windows 64-bit

**ChangeLogoWin64 /i <inROMFile> /o <outROMFile> /r <LogoFile> /s [/f]**

Where:

- /i <inROMFile>** Is to specify the official release of the BIOS used as input
- /o <outROMFile>** is to specify the BIOS binary file that will be generated with the custom logo
- /r <LogoFile>** Is for selecting the image file to upload in the BIOS  
The replacement image must respect the following format and size:  
Splash logo → Bitmap, 480x360  
Small logo → Bitmap, 160x120
- /s** Is the option for selecting the Small Logo
- [/f]** optional parameter for forcing destination file overwrite

5) After the program advises the correctness of operation the BIOS binary file with the custom logo is ready and it's possible to use this file for reprogramming the board or repeat the previous step for changing also the other logo.

For reprogramming the board with this customized BIOS please refer to the document:  
**APN - BIOS programming using AFU**

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### 3 Delete the logo from the BIOS file

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The following operations are used for deleting the boot logo images inside the BIOS binary file

- 1) Run the “cmd” shell
- 2) Move to the folder where the utility and the BIOS binary file are placed
- 3a) For deleting the **Splash Logo** the command is (depending on the installed Windows version):

Windows 32-bit

**ChangeLogoWin /i <inROMFile> /o <outROMFile> /d [/f]**

Windows 64-bit

**ChangeLogoWin64 /i <inROMFile> /o <outROMFile> /d [/f]**

- 3b) For deleting the **Small Logo** the command is (depending on the installed Windows version):

Windows 32-bit

**ChangeLogoWin /i <inROMFile> /o <outROMFile> /d /s [/f]**

Windows 64-bit

**ChangeLogoWin64 /i <inROMFile> /o <outROMFile> /d /s [/f]**

Where:

- /i <inROMFile>** Is to specify the official release of the BIOS used as input
- /o <outROMFile>** is to specify the BIOS binary file that will be generated with the custom logo
- /s** Is the option for selecting the Small Logo
- [/f]** optional parameter for forcing destination file overwrite

5) After the program advises the correctness of operation the BIOS binary file with logo removed is ready and it's possible to use this file for reprogramming the board or repeat the previous step for removing also the other logo.

For reprogramming the board with this customized BIOS please refer to the document:  
**APN - BIOS programming using AFU**

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