

Changing the boot logo of a Wyse V90

Have you ever wondered if it is possible to change the boot screen of a Wyse V90? Great news for you, it is possible and I'll explain to you how it can be done, it is actually very easy.

The tools you need are.

- tiff2awbmp Converts tiff to bmp (it's not actually a real bitmap)
- awbmp2tiff Converts a bmp to a tiff
- cbrom215 Extracts files from a BIOS file or imports them

Step 1 – Get the original bootscreen

If you want to use the default bootscreen as a start for your own bootscreen, we need to extract this one from the BIOS bin file. If you want to make your own screen from scratch go to step 2.

Make sure you have a BIOS bin file, you can download one or you can extract one from a running client with this tool: <http://www.uniflash.org/>

To start practice I included a BIOS file in the included package. This is version 1.10 for the V90 series.

Copy the files to a folder and go to the command prompt, go to the right directory and type the following command.

Cbrom215 60400110.bin /logo extract

```
D:\biostest>cbrom215 60400110.BIN /logo extract
CBROM V2.15 (C)Award Software 2001 All Rights Reserved.
Enter an extract file Name :<splash1.bmp>
[Logo] ROM is extracted to splash1.bmp
```

The extracted bmp file is not really a bitmap, you have to convert it to tiff, this can be done, with the following line.

awbm2tiff SPLASH1.BMP splash1.tiff

Step 2 – Create your customized bootscreen

Create a tiff file with the size of 640 x 480 and a color depth of 256 colors, if you have extracted the original logo, you can open that one, make sure, you don't change the color depth or the size!

Now you can edit your bootscreen and make whatever you want, for this example I placed some company logo's at the bottom.



Save the created images as a tiff and remember not to change the size or color depth.

Now we just need to convert the tiff back to the bmp file, this can be done by using the following command.

```
tiff2awbm splash1.tiff splash1.bmp
```

Step 3 – Include the customized bootscreen in the BIOS bin file
Go back to the command prompt and type the following command.

Cbrom215 60400110.bin /logo splash1.bmp

```
D:\biostest>cbrom215 60400110.BIN /logo SPLASH1.BMP
CBROM U2.15 (C)Award Software 2001 All Rights Reserved.
Adding SPLASH1.BMP ..... 4.3%
```

There is just one step left, flash the bios of the Wyse. This can be done, by the same tool as I mentioned above the universal flash tool.

<http://www.uniflash.org/>

As you can see, it is very simple to modify the image and it gives a more professional look, besides it is fun to make such things.

More information about how to change BIOS bootscreens can be found here:

<http://www.blackfiveservices.co.uk/awbmttools.shtml>

Questions and comments:

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