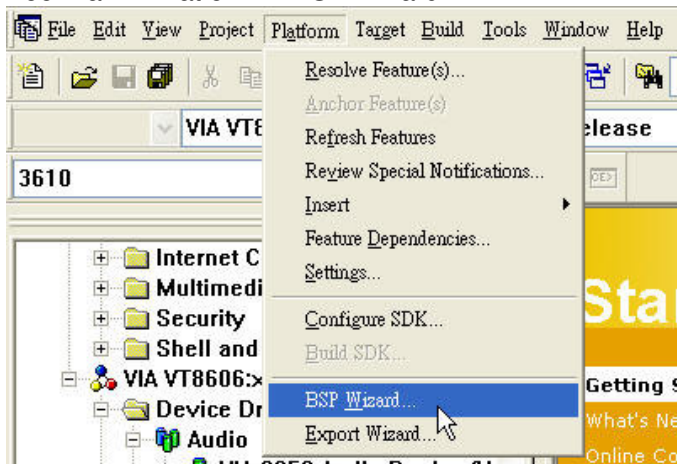




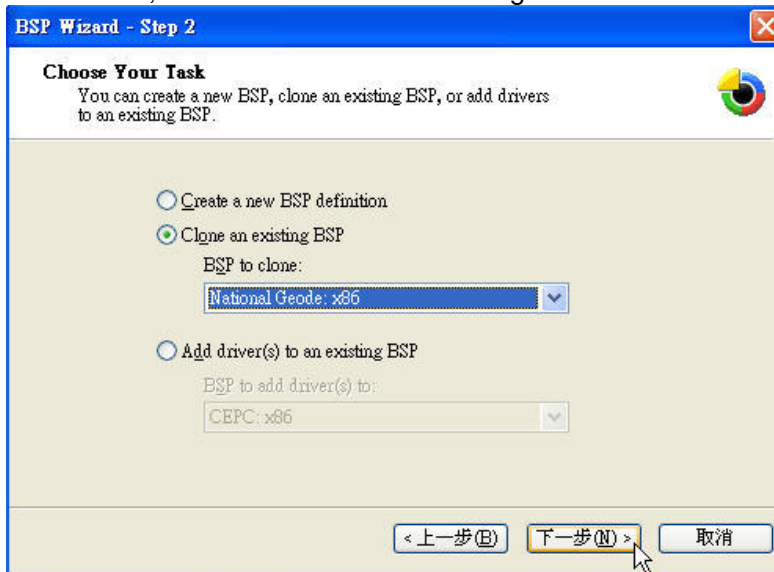
FAQ / Application Note

Subject : How to create WinCE.NET4.1 BSP?	
FAQ Document No: S08004	Date: 2003/06/03
Model No. All Models	Rev. A1
Category: <input type="checkbox"/> General <input type="checkbox"/> H/W <input checked="" type="checkbox"/> S/W <input type="checkbox"/> Others, <u>Application</u>	
Purpose : create WinCE.NET4.1 BSP and how to use it, for example ECM-3412	

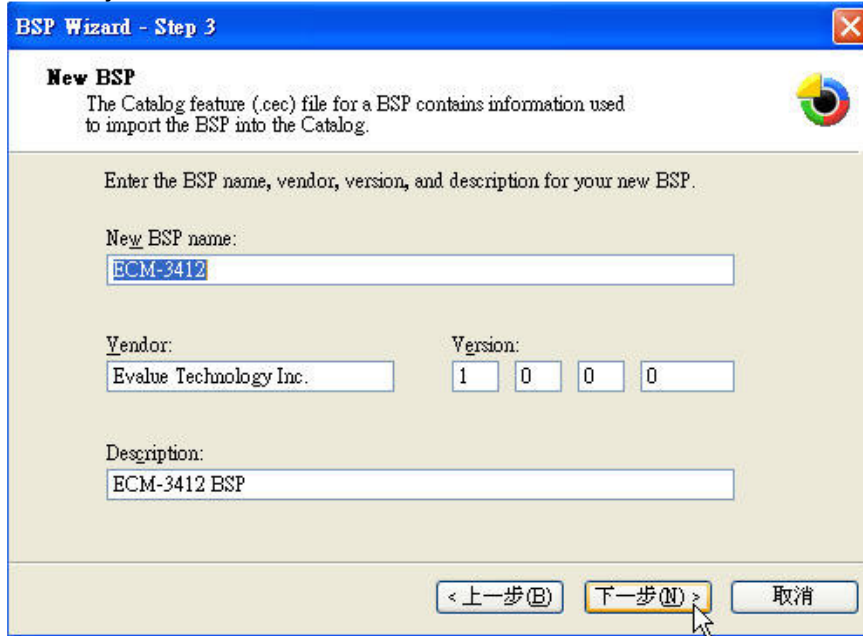
1. Install the entire necessary device driver for your device in WinCE.NET Platform Builder.
2. Tool Bar → Platform→ BSP Wizard



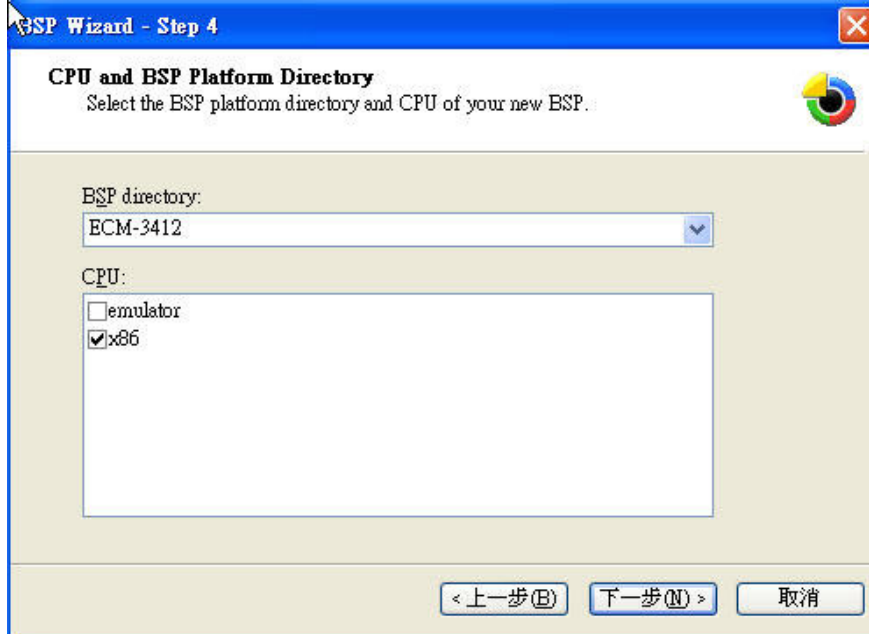
3. Click "next", then select "Clone an existing BSP" and select the existing BSP you need below.



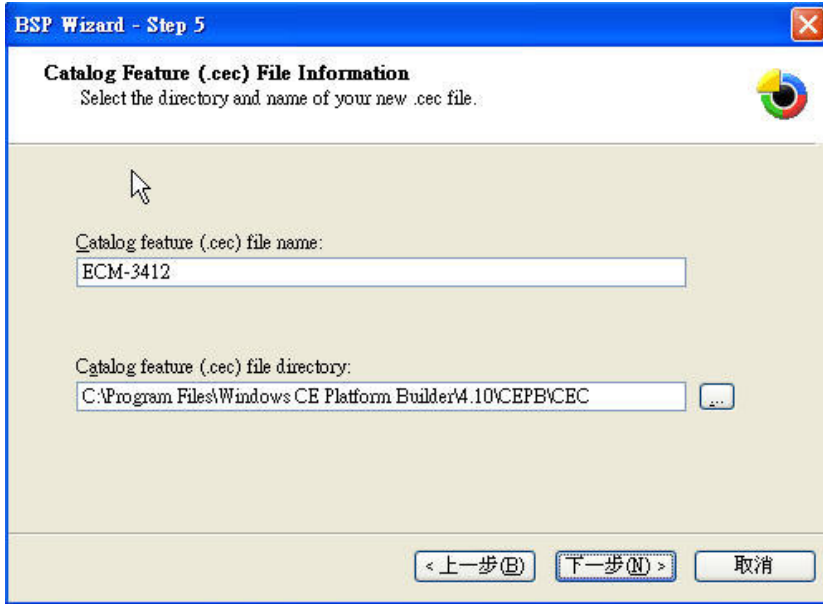
4. Please key in the BSP name and the information for reference below.



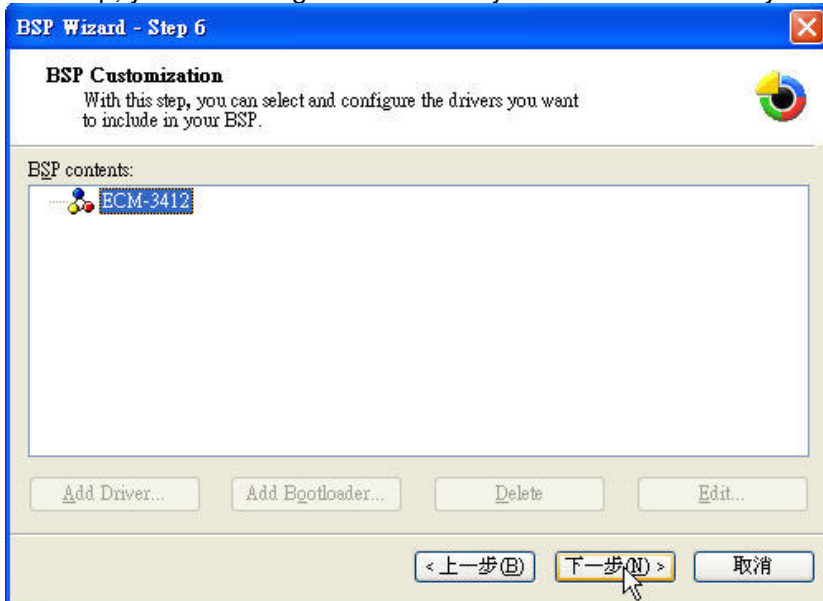
5. In BSP Directory, key in the folder name for your BSP. Then you will find it in "c:\wince410\platform\"



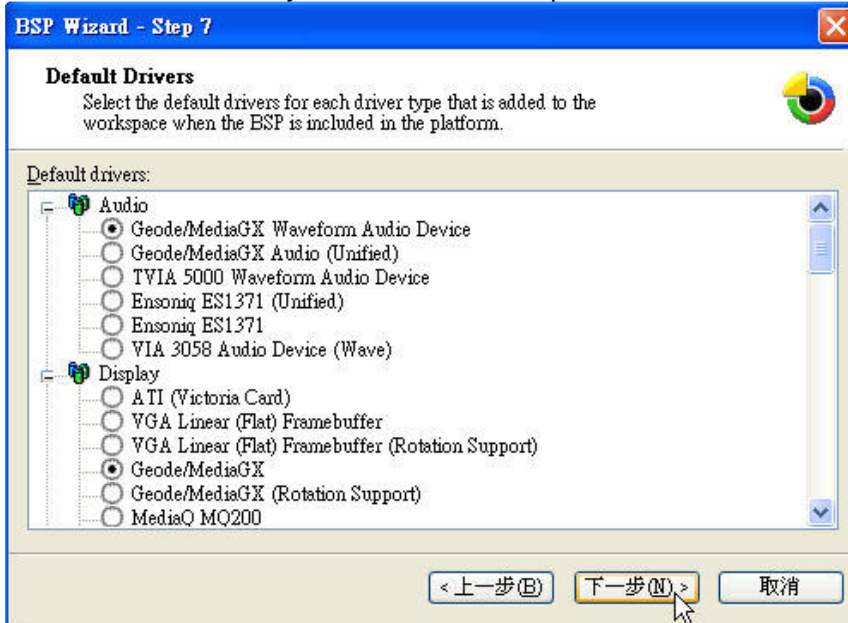
6. Click "next".



7. In this step, you can configure the drivers you want to include in your BSP.



8. Select default drivers for your device in this step.



9. click "finish"



10. Now you have to edit "ECM-3412.bat". You can find this file in "c:\wince410\platform\ECM-3412\"



```

@REM
@REM Copyright (c) Microsoft Corporation. All rights reserved.
@REM
@REM
@REM Use of this source code is subject to the terms of the
@REM license agreement (EULA) under which you licensed this
@REM If you did not accept the terms of the EULA, you are not
@REM allowed to use this source code. For a copy of the EULA, please see the
@REM install media.
@REM

REM Disable audio until we update the BIOS on the Lanners.
set BSP_NOAUDIO=1

set BSP_NOUSBSER=1

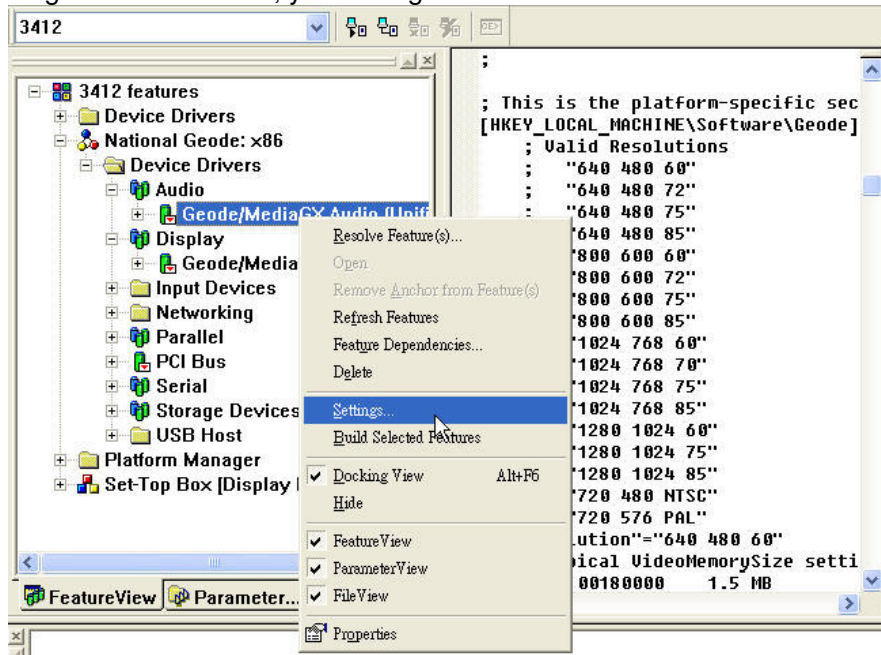
REM Default settings:
set BSP_NOCURSOR=
set BSP_NODOC=

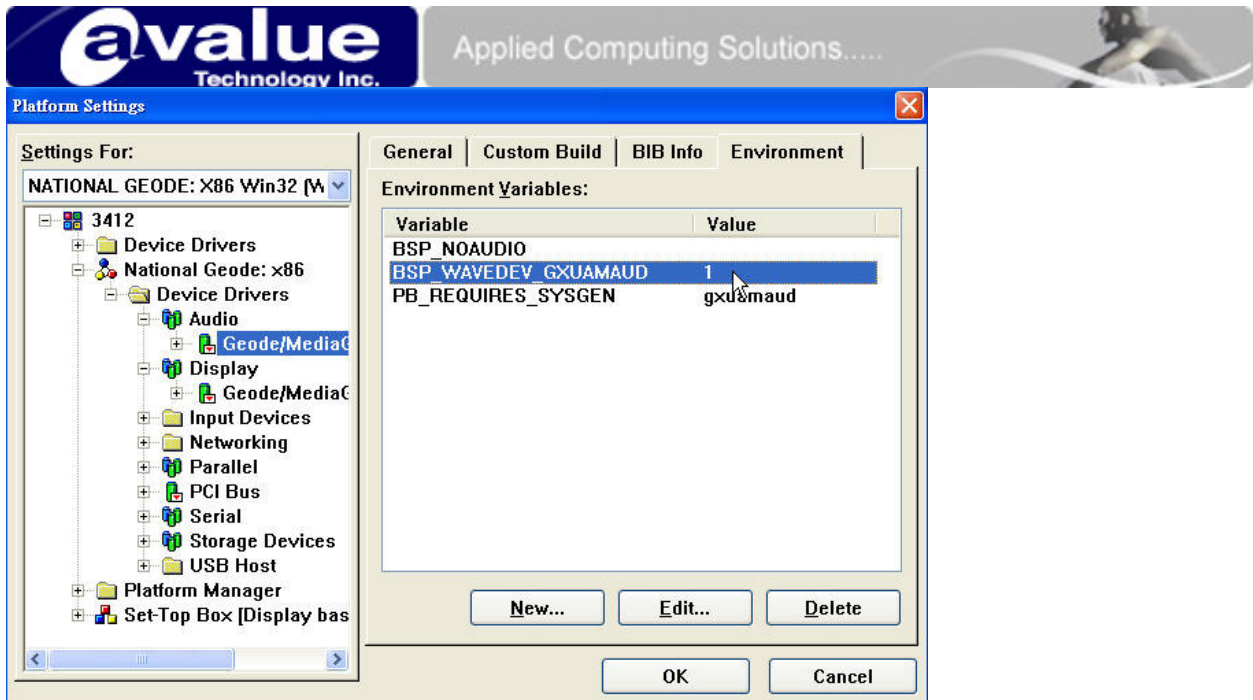
set BSP_DISPLAY_MEDIAGX=1
    
```

You have to set device driver and set it enable here. For example, if you want to enable GX1 Audio driver , you have to add a line in ECM-3412.bat :

```
BSP_WAVEDEV_GXUAMAUD=1
```

To get the information, you can right click on device driver and click "setting"

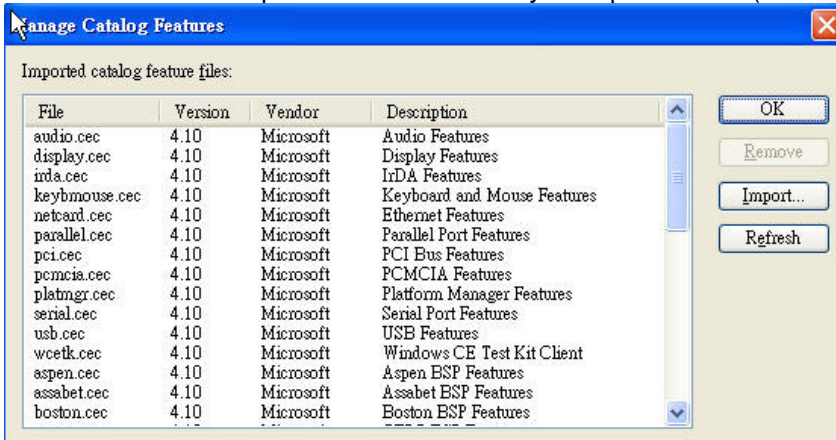




11. You can file a file named “ECM-3412.cec” in “C:\Program Files\Windows CE Platform Builder\4.10\cepb\cec”. Copy it to “c:\wince410\platform\ECM-3412”
12. Compress the folder “c:\wince410\platform\ECM-3412”(For Ex. ECM-3412.zip”) and this is BSP for ECM-3412.

How to use this BSP?

1. Decompress the file to “c:\wince410\platform”
2. Run WinCE.NET4.1 platform builder and try to import cec file(FILE→ Manage Catalog Feature)



3. Import “ECM-3412.cec”(You can find it in “c:\wince410\platform\ECM-3412\”)