

**VIPER Windows CE .NET 4.2  
ViperCE42V1 Upgrade**

<b>Issue Date:</b>	23.Mar.04	<b>Circulation:</b>	General
<b>PCB Version:</b>	1	<b>Schematic Version:</b>	N/A
<b>PCB Issue:</b>	6 and below	<b>Schematic Issue:</b>	

**Note:**  
This upgrade is for VIPER boards with 16Mb Flash

The Windows CE .NET 4.2 image for 16Mb VIPER boards has been upgraded.

It now includes support for

- CompactFlash
- Audio
- Display type changes via the registry
- C++ Exception Handling

**Field upgrades**

**Note:**  
This upgrade will overwrite the entire 16Mb StrataFlash.  
1. Back up any FlashDisk contents before starting this upgrade.  
2. Any changes to the registry will have to be re-made after upgrading.

To upgrade the ViperCE42V1 image....

- Download the file from the link below.  
<http://www.arcom.com/downloads/ce42v1upg/ce42v1upg.zip>
- Unzip the 3 files to a USB disk
- Inset the USB disk into the VIPER
- Open a CMD prompt
- Type **USBDISK\CE42V1UPG**
- Wait for the message saying

```
*****  
Reprogramming complete  
Re-boot the system to load CE42V1A  
*****
```

**Note:**

When the board is re-booted, it will be configured to drive a TFT-QVGA display.

This can be changed by running a registry patch.

The registry patch tool, files and more information can be downloaded from the link below.

<http://www.arcom.com/downloads/ce42v1upg/DisplayReg.zip>

If you have any questions about this or about any of our products please contact Eurotech Ltd Technical Support.