FAQ / Application Note

Subject : How to deploy Embedded XP Run-Time Image to CF.	
FAQ Document No: G08009	**Date: 2002/06/09**
Model No. All Models	**Rev. A1**
Category: ■General □H/W □S/W □Others, ___Setup___	
Purpose : Deploy Embedded XP Run-Time Image to CF card and Make sure CF bootable.	

To boot from a compact flash device formatted with the NTFS file system, you must perform the following procedure.

Note ：You must use ATA flash adapters or sockets for this procedure.

To deploy your run-time image to a compact flash device using BootPrep

1. Boot the system into MS-DOS.
2. Using the FDISK utility, create a FAT partition and set it to active on the compact flash device.
3. Reboot the system into MS-DOS.
4. Format the partition you created using the DOS FORMAT command.
5. Execute Bootprep.exe on the device.
6. Boot the system into Windows 2000 or Windows XP.
7. Run the **Convert.exe** tool on the device, specifying NTFS as the desired file system.
8. Place your run-time image and other desired files on the compact flash device.
9. Boot the system with the compact flash card.

Notes：

   Bootprep.exe is a command-line tool to create media that can boot into Windows XP Embedded. First you must prepare the media by using MS-DOS tools such as FORMAT and FDISK to prepare the Master Boot Record (MBR) and at least one partition. Bootprep.exe prepares your media whose active partition has been formatted and made bootable with either FAT16, BIGDOS FAT 16, or FAT32, to boot into Windows XP Embedded. Bootprep.exe replaces the partition boot sector code that would normally boot into MS-DOS by loading Io.sys and Msdos.sys with the code that loads NTLDR. You can find this tool in the path "C:\Program Files\Windows Embedded\utilities".