

# Vista T4/T2/I3

Control Consoles

TBJLT119.doc



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## Linux USB ISO Instructions

### Application

This Tech note describes the procedure to be followed to create a USB FLASH Drive that can be used to ISO the Vista T4, T2, I3 and L5 console hard drives.

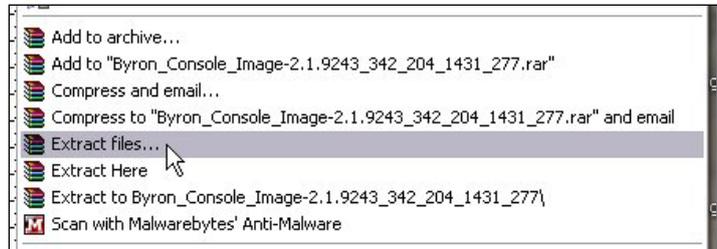
### Parts Required

- o 512MB or larger USB FLASH drive.

### Procedure

The following procedure assumes WinRAR has been installed on the computer and the ISO file has been downloaded.

1. Open a file manager and navigate to the downloaded ISO file.
2. Right click on the ISO file and select "Extract files...". See image at right.



3. Navigate to a suitable location on the computer hard drive and click OK. The files will take a few minutes to be extracted, depending upon the type of computer. The remainder of this document will assume the files have been extracted to `c:\temp\iso_ext`.
4. In the file manager, navigate to the `c:\temp\iso_ext\isolinux` directory.

5. Select all the files in the directory and paste them into the directory above ie `c:\temp\iso_ext`. When the paste is complete the `iso_ext` directory should look something like the image at right.

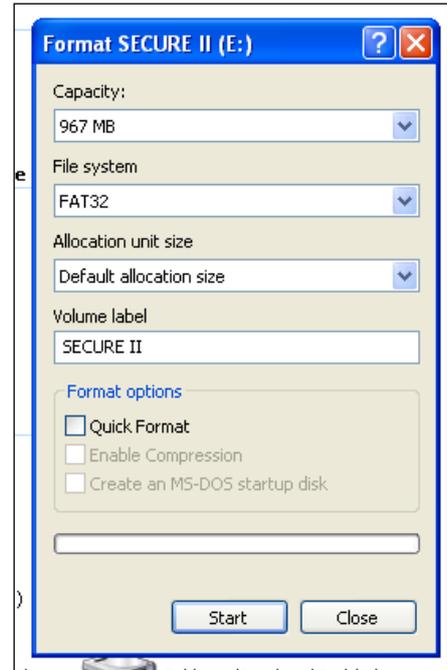
Name	Size	Type	Date Modified
initrd.gz	16,104 KB	WinRAR archive	21/02/2012 10:22 PM
kernel	1,652 KB	File	21/02/2012 10:22 PM
syslinux.exe	30 KB	Application	21/02/2012 2:44 PM
isolinux.bin	11 KB	VLC media file (.bin)	21/02/2012 9:59 PM
boot.cat	2 KB	Security Catalog	21/02/2012 10:22 PM
isolinux.cfg	1 KB	CFG File	21/02/2012 9:59 PM
syslinux.cfg	1 KB	CFG File	21/02/2012 2:58 PM
Vista2		File Folder	21/02/2012 12:12 PM
Vista1		File Folder	21/02/2012 1:31 PM
isolinux		File Folder	21/02/2012 1:32 PM

If the FLASH drive has been used before to ISO a console, proceed directly to step 10.

- The FLASH Drive must be formatted with the FAT32 file system. If the FLASH drive is already FAT32, proceed to step 7.

**Note that this procedure will erase all data on the FLASH drive, and if not done properly could erase all data on the computer internal hard drive.**

Format the FLASH drive in file manager by right-clicking on the drive and selecting the "Format" option. Ensure the File System option is set to FAT32 before clicking the "Start" button.



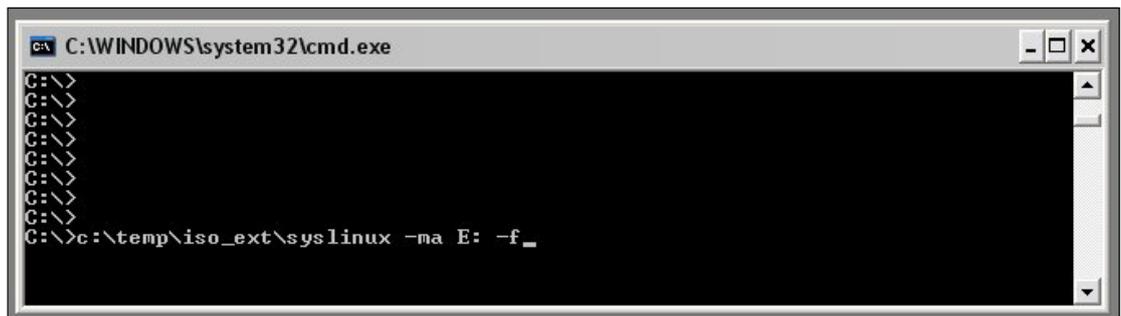
- Note the drive letter assigned to the FLASH drive by Windows eg "E".
- Open a Command Prompt for which the user account is running with administrator-level access. In **Windows XP** open the Start Menu and select "Run", then type "cmd" in the box and press enter. In **Windows Vista** open the Start Menu, select "All Programs", then "Accessories", right-click on "Command Prompt" and select "Run as Administrator". In **Windows 7**, click "Start", in the search field type cmd and press CTRL+Shift+Enter, then click "Yes" in the User Access Control dialog if one appears.

- Using the appropriate drive letters noted in step 7 and the location of the files extracted in step 2, type the following:

```
c:\temp\iso_ext\syslinux -ma [FLASH Drive letter]: -f
```

For example:

```
c:\temp\iso_ext\syslinux -ma E: -f The FLASH drive is "E"
```



This only takes a second or two to complete.

- Select all the files and folders in the c:\temp\iso\_ext directory and paste them into the root of the FLASH drive. This may take 5 or 10 minutes, depending on the computer and the FLASH drive.
- Eject the drive and install the software on the console.