

## Re: CompactFlash / EWF Problems

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*Source:*

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.embedded/2006-04/msg00236.html>

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- *From:* "Sean Liming \ (eMVP)" <[sean\\_liming@xxxxxxxxxxxxx](mailto:sean_liming@xxxxxxxxxxxxx)>
  - *Date:* Fri, 14 Apr 2006 13:51:31 -0700
- 

I don't know of any missing components that could cause the problem. The only other solution that comes to mind is mounting and unmounting the volume. There is a related article for HORM on MSDN that provides some insight to this:

Dismounting Volumes in a Hibernate Once/Resume Many Configuration

<http://msdn.microsoft.com/embedded/usewinemb/xp/techsrcxp/techarticles/default.aspx?pull=/library/en-us/dnxpesp2>

You might be able to mount the drive when the app is ready to use it.

Regards,

Sean Liming

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"MJ" <[MJ@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:MJ@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message

<news:87D2153C-100C-4F69-BE67-FDF7DF87134F@xxxxxxxxxxxxxxxxxxxx>

Sean,

Haven't seen any solutions to it. I posted this question a while ago here as well. I've been researching since, and can't find a way to fix it.

At this point, we are stuck with a fixed ide connection. I had one solution

in mind, but don't know how to do it. Defer the Windows built-in scan for IDE drives (somehow) and then when my application is ready, do my own manual

Windows scan for IDE drives to rebuild the current device list. Is there any way to do that?

The other possibility is that I'm missing some extra component in my load that will make this work correctly. Are there any key components that would

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not be automatically included by the dependencies? Our only limitation is that we aren't supposed to use NTFS.

-Matt

"Sean Liming (eMVP)" wrote:

This problem has been out there before. You might want to search and see if anyone has a solution.

Maybe there is a different solution: is it possible to place card B in a PnP-CF slot and not an IDE slot?

Regards,

Sean Liming  
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"MJ" <MJ@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:9DCD1FCD-4629-48D5-ABB3-C65541911010@xxxxxxxxxxxxxxxxxxxx](mailto:news:9DCD1FCD-4629-48D5-ABB3-C65541911010@xxxxxxxxxxxxxxxxxxxx)

Hello all,  
I have an interesting issue. I'm running a custom shell application on XPe with the EWF enabled. This is a requirement. We have two CompactFlash cards (A and B) loaded as fixed drives on the IDE bus. We boot off of A. Our software looks for a file D:\File that would be on card B. We have two major problems:

1. If I don't seal the image with B inserted, then inserting the card on a subsequent boot causes the boot time to be significantly longer.
2. If I seal the image with B inserted, then the boot time is great.  
But

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if  
at any point I replace B with another model of B (Extreme III  
instead  
of  
Industrial), the system will not only take longer to boot, but  
my  
software  
will not recognize the existence of a D: drive.

We can deal with the longer boot time, but it is important  
that we can  
put  
any compactflash card in B and have the system recognize it.  
Is there  
a  
problem with our setup, or is there maybe some way I can  
force XPe to  
find  
D  
when I boot?

Thanks for your help, I'm totally stuck here.  
-MJ