

Multi –User Network Setup and Write behind caching

When setting up HTS products in a networked environment with Windows clients, we recommend the following setup parameters be checked for each client machine;

We cannot predict what other effects this might have on your operating system environment (except that some programs may run fractionally slower), but believe that this will provide the greatest possible chance of preventing the loss of work during unexpected application or system events and should not effect the operation your other applications.

Windows 3.11 and DOS

There should be a line in your autoexec.bat file that looks something like this:

```
c:\dos\smartdrv.exe
```

Add the switch /x to this line so that it reads:

```
c:\dos\smartdrv.exe /x
```

Windows for Workgroups 3.11 (WFW 3.11)

N.B. You must upgrade to WFW 3.11 if you are using an earlier version.

If you are using 32-bit file access on all or some drives

There may be a line (or lines) in your system.ini file that is/are present in the section entitled [vcache] beginning with ForceLazyOn= or ForceLazyOff= .

1) If there is a line beginning with ForceLazyOn=, delete the entire line.

2) If there is a line beginning with ForceLazyOff=, ensure that all the active drives in your system are included in the letters following ForceLazyOff=, e.g. if your system has two drives, C: & D:, make the line read

```
ForceLazyOff=CD
```

3) If there is no line beginning with ForceLazyOff=, add the following line in the [vcache] section:

```
ForceLazyOff=CDEF
```

again, in this instance the letters CDEF refer to the four drives C:, D:, E: & F: and should be changed as required to suit your system. As far as I can work out, you should include network drives in deciding what letters to add to the line!

The [vcache] section of the system.ini file should look something like this when you have finished:

```
[vcache]
MinFileCache=512
ForceLazyOff=CDEF
```

If you are using 16-bit file access on all or some drives

There should be a line in your autoexec.bat file that looks something like this:

```
c:\dos\smartdrv.exe
```

Add the switch /x to this line so that it reads:

```
c:\dos\smartdrv.exe /x
```

Windows 95

Exit any programs you have running/close all windows.

Open the 'Control Panel' window by selecting Start -> Settings -> Control Panel

Open 'System' Control Panel

Click on 'Performance' tab

Click on 'File System...' button

Click on 'Troubleshooting' tab

Place a tick in the box beside the text 'Disable write-behind caching for all drives.'

Click on 'OK' button

Click on 'Close' button

Click on 'Yes' button to restart your computer with the new setting.

Windows NT

Verify (and correct, if necessary) these NT Server parameters:
EnableOpLockForceClose REG_DWORD set to 1 (default=0)
EnableOplocks REG_DWORD set to 0 (default=1)

This is done by starting the program:

...\WINNT35\System32\Regedt32.exe

Choose: HKey_Local_Machine -> System -> Current Control Set -> Services -> LanmanServer -> Parameters ->

If the Value EnableOpLockForceClose exists ->

Double-click on it OR Select it, then pull down "Edit" and choose DWORD ->

In DWORD Editor, Hex selected, enter the value 1

If it does not exist, pull down "Edit" and choose Add value ->

Value name:EnableOpLockForceClose -> Data type : REG_DWORD -> Press OK ->

In DWORD Editor, Hex selected, enter the value 1

If Value EnableOpLocks exists ->

Double-click on it OR Select it, then pull down "Edit" and choose DWORD -> In DWORD Editor, Hex selected, enter the value 0

If it does not exist, pull down "Edit" and choose Add value ->

Value name: EnableOpLocks -> Data type : REG_DWORD -> Press OK ->

In DWORD Editor, Hex selected, enter the value 0