

**Re: Windows 7 Install of 469D**

Tuesday, June 26, 2012 9:41 AM

From: "Hugh Sparks" <hugh@csparks.com>
To: "Rod Larson" <rodlarson100@yahoo.com>

I do a lot of work on Windows 7 to make it look and act like Windows 2000, but none of that is necessary to get the 469D working. I still haven't published my extensive notes on how to "degauss" windows 7, but here is the about FTP:

Documents are located in a different path on Windows 7:

C:\Users\YourName\Documents

On some versions of windows, usually the cheaper "Home Edition" types, you can't navigate using this path until you make some changes... (See my tidbits after the FTP section)

Install and use the FTP server

Why did Windows 7 have to hose up this simple thing?
As Sir Edmond Hillary said: "Because it was there."

Control Panel - Programs and Features - Turn Windows features on or off

FTP Server - CHECK: FTP Service
Web Management Tools - CHECK: IIS Management Console

To start the server:

Administrative Tools - Services

Select the "Microsoft FTP Service"
Change the startup type to "Automatic"
Press the "Start" button.

To adjust the settings:

Control Panel - Administrative Tools - Internet Information Services Manager

Authorization Rules - (Right click to add a rule)

Allow - Anonymous Users - Read/Write

Connections (Left column) - Sites - (Right click to add a site)

FTP site name:
Controller (Or whatever you like.)

Binding and SSL settings:

CHECK: No SSL
CHECK: Anonymous

Now right-click on the site you added and select:

Manage FTP Site -> Start

Finally, whatever your target ftp home directory will be must have appropriate permissions:

Right click on the ftp site in the left column and select "Edit Permissions". On the Security tab under "Group or user names", press the "Edit" button. Press the "Add" button and enter "Everyone". Use the check boxes to enable the desired access, at least Read & Execute. Back out with OK, etc.

Another thing: Before you do anything else to a new Win7 system, make sure it has SP1 installed. Doing that will undo other configuration settings, so it's important to have this installed first.

The next important step is to remove all the Value Subtracted Software(r) and Craplets(tm) installed by the computer manufacturer. This can be tricky at times, but at least try to get rid of the obvious crap.

Here are some other tidbits from my collection:

Change meaningless network interface names

(If you do this, do it before setting up FTP)

Most people put up with names like "Local Area Connection", but when you have several network cards, it becomes difficult to remember where they are connected.

You can rename "Local Area Connection" to "OfficeLAN", and so on with your other interfaces. I often have a second card called "ControllerLAN" for example. Just right-click on the name you see on the network control panel and select Rename.

Fix the Start Menu

The Win7 start menu is hoarked beyond any simple configuration change. Get the free open-source program "ClassicShell". It is really really great. It gives you the XP (or my favorite, Windows 2000) look. It also adds an UP button to Explorer and many other things you won't notice becuase they were there in XP and taken away after Vista and Windows 7. It has "Skins". My favorite is "Classic Skin" with caption and small icons. Enable all the "menu" instead of "link" choices for the submenus and hide everything you don't use. You won't be disappointed. (Did I mention that this program is really GREAT?)

Disable user account control

I've tried to live with this... Without success.

Start menu - Settings - Control Panel - Action Center - Change User Account Control Settings.

Turn it off: drag the vertical scroll know all the way to the bottom - "Never Notify".
You must be punished: Reboot.

Prevent descktp windows from being Trans-Urpulated (tm)

When you are dragging a desktop window, it becomes trans-urpulated when the mouse cursor touches the edge of the screen. (Who thinks up this stuff at Microsoft?)
To get rid of this behavior:

Control Panel - Ease of Access Center - Make the mouse easier to use

CHECK - Prevent windows from being automatically arranged when moved to the edge of the screen.

Control Panel - Appearance - Personalization - Desktop Icons

CHECK:

Computer
User's Files (Your name)
Network
Recycle Bin

UNCHECK:

Allow themes to change desktop icons.

Control Panel - Appearance - Personalization - Change the Theme

Select the "Windows Classic" Theme.

Control Panel - Appearance - Personalization - Desktop Background

Click on the "Solid Background" icon and choose "Morbid Gray".

Control Panel - Appearance - Personalization - Taskbar and Start Menu

Taskbar tab:

UNCHECK: Lock the taskbar

CHECK: Use small icons

Taskbar location: Top (Yes Bill, Apple had it right.)

Taskbar buttons: Never combine

Notification area: Customize:

CHECK: Always show all icons on the taskbar.

Start Menu tab:

No need to get wild here because we're going to replace the whole start menu with a 3rd party solution. But it will pick up these changes:

UNCHECK: Store and display recently opened programs.

UNCHECK: Store and display recently opened items.

Customize Button:

CHECK: Network
CHECK: Run Command
UNCHECK: Use large icons
System administrative tools:
SELECT: Display on All Programs menu.

Desktop

Right click - View - CHECK: Small Icons.
Right click - View - UNCHECK: Align icons to grid.

Explorer Windows

Bring up the "Computer" window, which is the top level view.

Organize - Layout

There are three toggles here.
Turn off all three to get a plain window.

CHECK: Menu bar.

Menubar - View

CHECK: Status bar
SELECT: Details
SORT BY: Name, Ascending
GROUP BY: (none)

Organize - Layout - UNCHECK: Menu bar.
Organize - Folder and search options - View tab

These change are not merely aesthetic: they materially
improve performance when browsing and listing directories.

CHECK - Always show icons, never thumbnails.
UNCHECK - Hide extensions for know file types.
UNCHECK - Display file size information in folder tips
UNCHECK - Hide extensions for known file types
UNCHECK - Show encrypted or compressed NTFS files in color
UNCHECK - Show pop-up description for folder and desktop items
PRESS - Apply to folders (Makes them all like this one.)

Even though you pressed "Apply to folders", you have to repeat
all these steps one more time starting in the C: drive folder.

Make your user home directory visible

User directories are now subdirectories of C:\Users which is a nice short path. Not so nice is the fact that your own directory is by default a hidden system directory. This means that you can't copy the path to any of your own directories from the address bar using the right-click copy url feature. (See below.) A more serious limitation is that programs such as the HTTP or FTP servers can't be configured to see anything in your home directory. To fix this, open the command window at top of your C drive. You need to run it in Administrator mode. To do that, browse to the shortcut: *Start Menu - Programs - Accessories - Command Prompt*. Right-click on the Command Prompt icon and select "Run as Administrator." Then execute these incantations:

```
attrib -s -h Users
attrib -s -h Users\yourname
```

This will make your home directory behave as a normal directory in all respects. (This is important for FTP configuration. See below.)

Make your home folder desktop shortcut work normally

After installing Vista, you get a personal home folder shortcut on the desktop that points to "c:\users\yourname"
But this shortcut is special: you can't search for files with Agent Ransack or see the directory hierarchy when you open it by double-clicking in Explorer.
To fix this, open Computer\Users\Yourname. Now drag the icon from the navigation bar to the desktop. It will have a name like "Shortcut to yourname".
Now throw away the original "yourname" shortcut and rename the new one to simply "Documents". Everything will now work the way you'd expect a file system to work if it was designed by human beings.

I've got dozens more, but some require registry edits and other rely on software I've written. If you're in the mood to do more, I'll send you another collection.

Good luck!

-Hugh

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----- Original Message -----

From: [Rod Larson](#)

To: [Hugh Sparks](#)

Sent: Tuesday, June 26, 2012 2:25 AM

Subject: Windows 7 Install of 469D

Hugh,

Seems that Xian got their GUI PC stolen and can only get Windows 7 machine. Do you have instructions for loading 496D on Windows 7. I sent a mail to Brad, but I did not get answer for a while....

Rod