# Configuring Your Computer For Accumove

The Torchmate Accumove Motion Controller uses an advanced communication protocol which requires an Ethernet connection (instead of a USB connection). In order for a computer to establish a connection with the motion controller the computer needs to be set to a specific IP address. Though this address can be changed later, the first connection **must** use these configuration parameters. This guide will show you how to configure the IP address of your computer to connect with Accumove.

You can also watch the included video on setting your computers IP address for help with this issue.

## Before You Start:

First things first, the software has to be installed! The name of the software used to control the Accumove is 'Torchmate VMD' for Visual Machine Designer. Copy the setup file onto your desktop and then run the setup file to install Torchmate VMD onto your computer. The setup file is on the USB memory drive that came with your order, the setup file is name 'TM-VMD Setup.exe.'

_NOTE:_ It's tempting to start the software after installing it, but don't! The following steps should all be performed without the software running.

## Step 1: Connect the Accumove to the Computer

1.) If using a 'direct connection' between the computer and the Accumove, just connect the included crossover cable from the Accumove to the computer. A crossover cable is different than a regular Ethernet cable, so make sure to use the included red cable when connecting directly from the computer to the Accumove controller.

2.) If using a wireless router (which allows a pendant to be connected later), just connect the included crossover cable from the computer to the wireless router, then use a regular Ethernet cable to connect the Accumove to the wireless router. Take care not to use the port on the router labeled 'Internet,' that port should be reserved to connect your router to the Internet (not to your Torchmate machine or your computer).
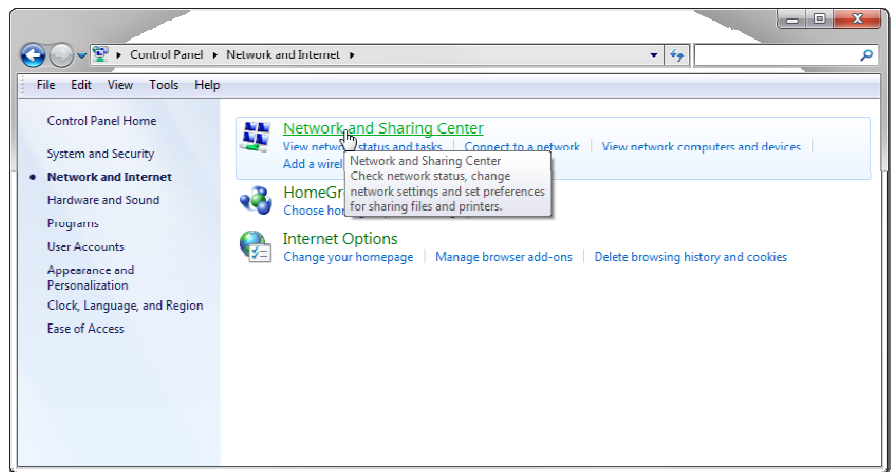
_Continue to Step 2 on the next page._

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## Step 2: Change the IP Address of Your Computer

1. Open the Network and Internet page

   • Go to the Control Panel and click on 'Network and Internet'
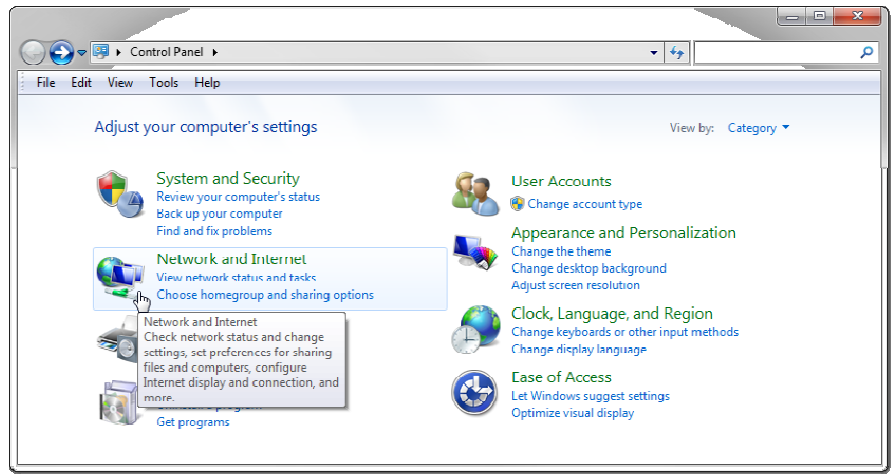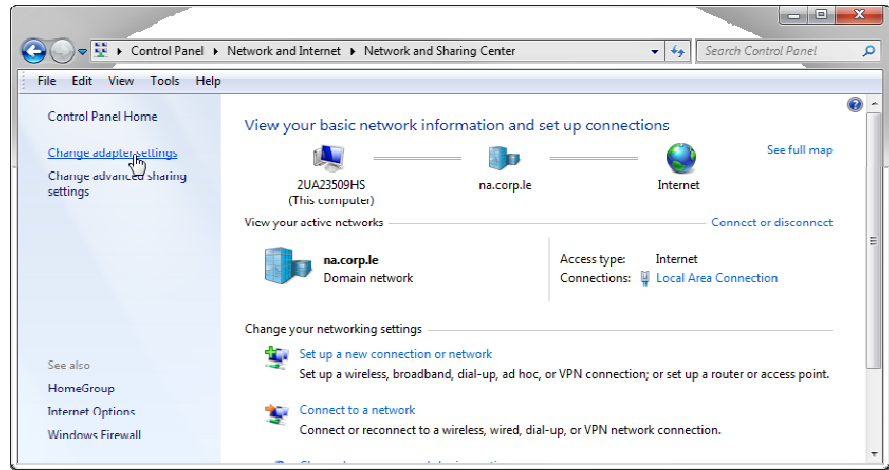


2. From the Network and Internet page, open the Network and Sharing Center
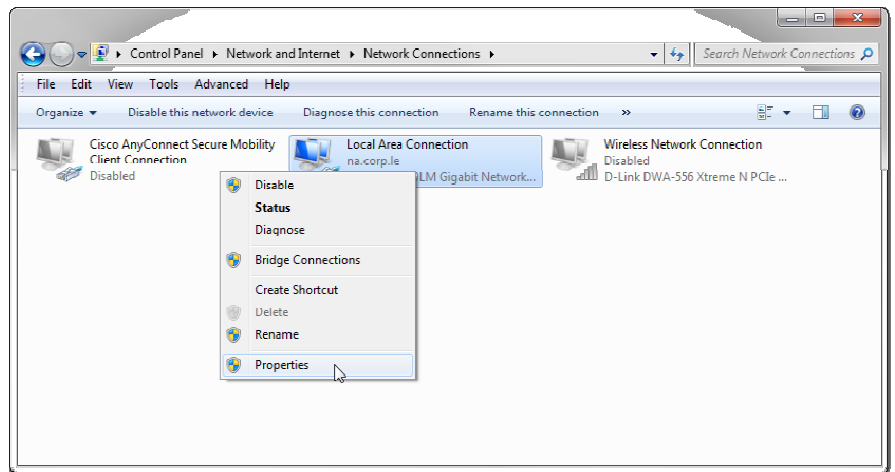
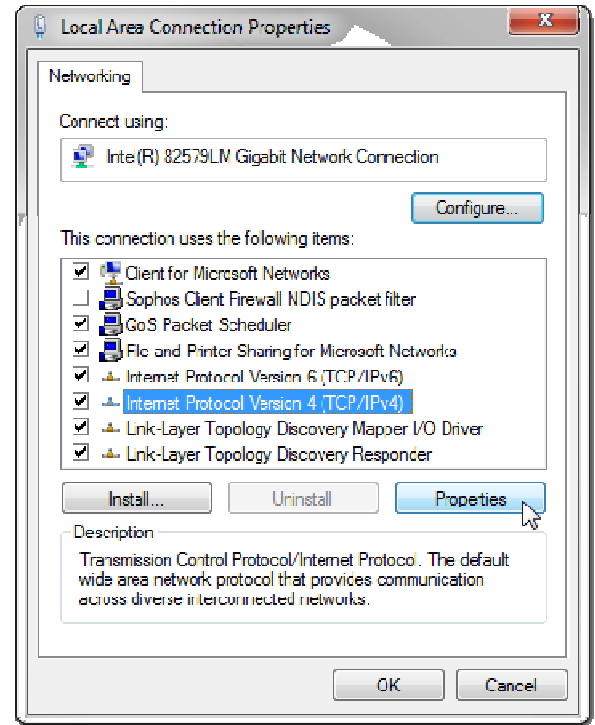3. On the left side of the Network and Sharing Center, click on 'Change Adapter Settings'



4. Right click on your Local Area Connection (there should only be one that is enabled) and then click 'Properties'

5. In the properties window click the option that reads 'Internet protocol Version 4(TCP/IPv4), then press the 'Properties' button located below the list.

6. Change your IP address:

    a. Select 'Use the following IP address'

    b. In the 'IP Address' field, type the new address: **192.168.1.6**

    c. Press the 'tab' key and Windows will automatically fill in the value for the 'Subnet mask'

    d. Press 'OK' to save the new IP address.
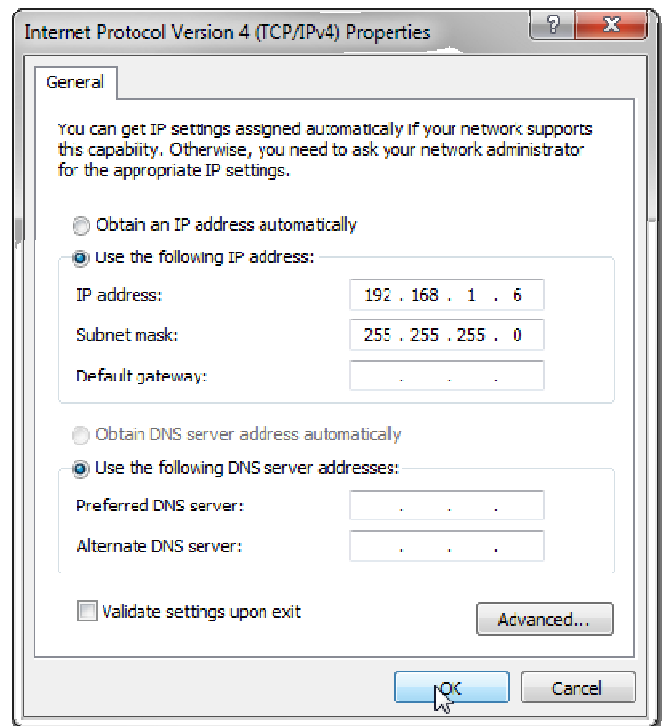
## Step 3: Verify the Connection

1.) Make sure that Visual Machine Designer is not open. Power on the Accumove controller by turning on the power switch.

2.) Launch the Torchmate VMD software by double clicking the icon on your desktop. After a few moments you will see the screen refresh and you will be prompted with a message to enable your drives. You are now connected to the Accumove 2.
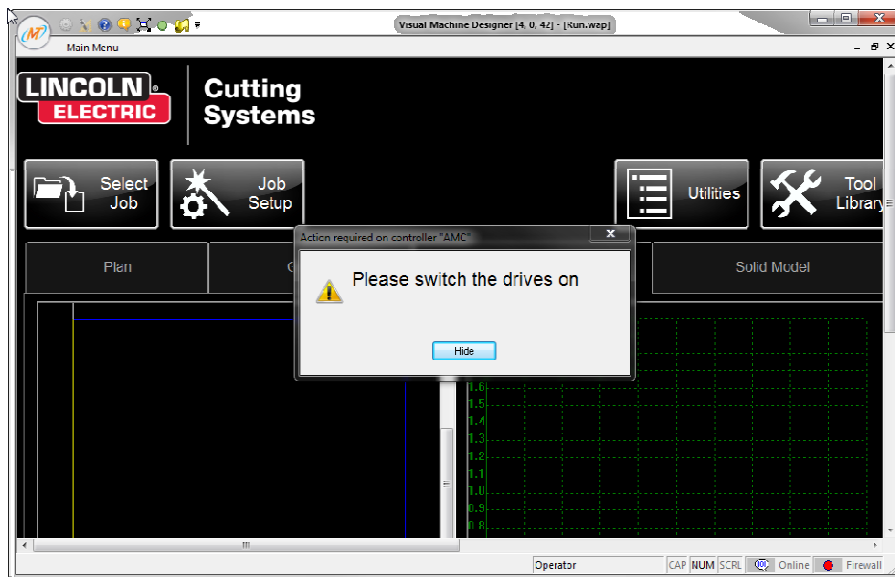


## Troubleshooting

If your computer doesn't connect right away, be patient. It can take up to 45 seconds for the connection to establish. If you feel you've waited long enough, you might want to try turning everything off (the controller and the software) and starting over. Remember to turn the controller on first, and then launch the software.

If you are still having problems connecting, verify all of your cables have been plugged in. Remember that the Ethernet cable must be plugged into the 'right hand side' Ethernet port on the back of the controller. Double check that your IP address has been saved by repeating Step 2 and checking the IP address value.

If you still can't establish a connection after all of these steps, call Tech Support immediately at
**(775)673-2200 extension 4**