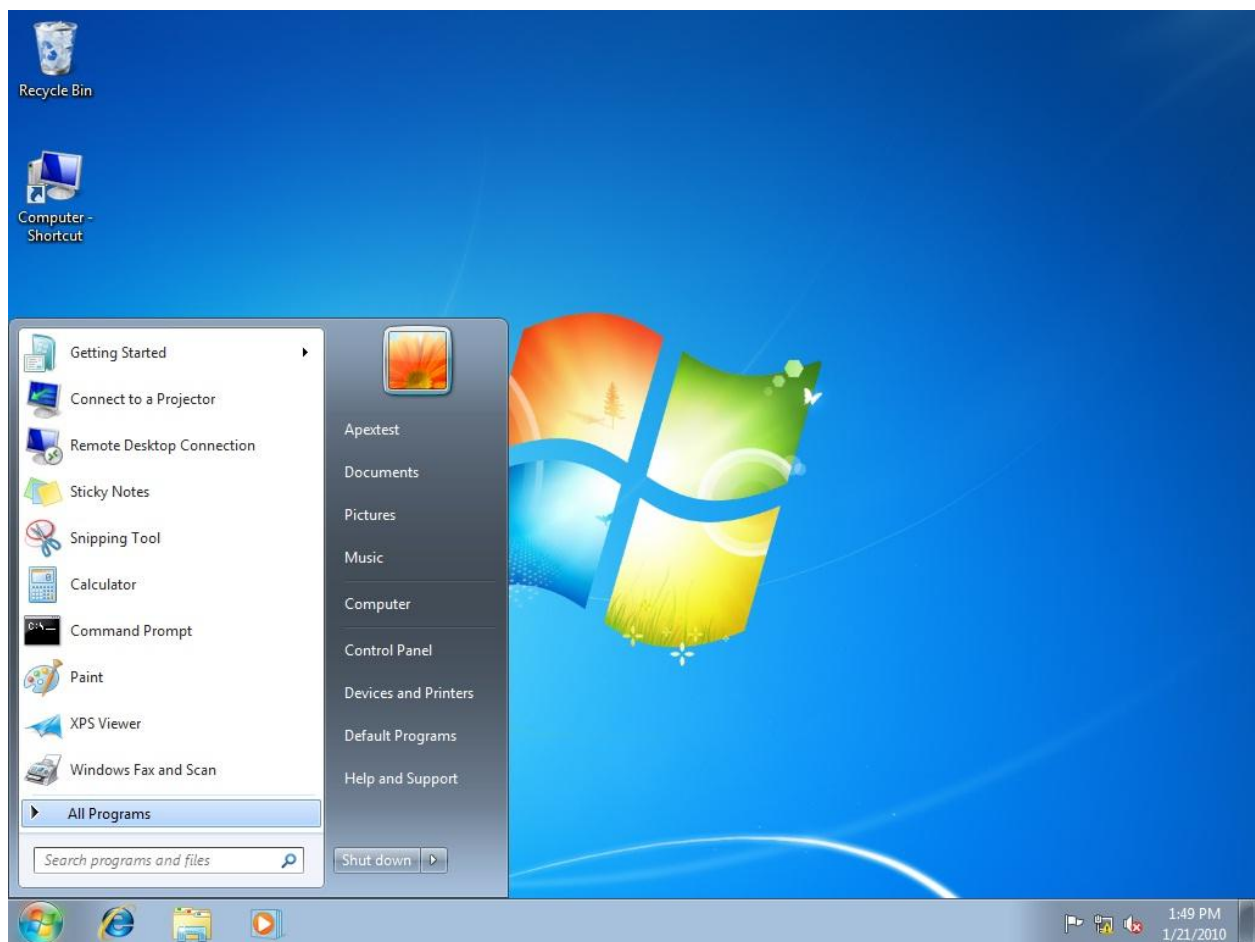


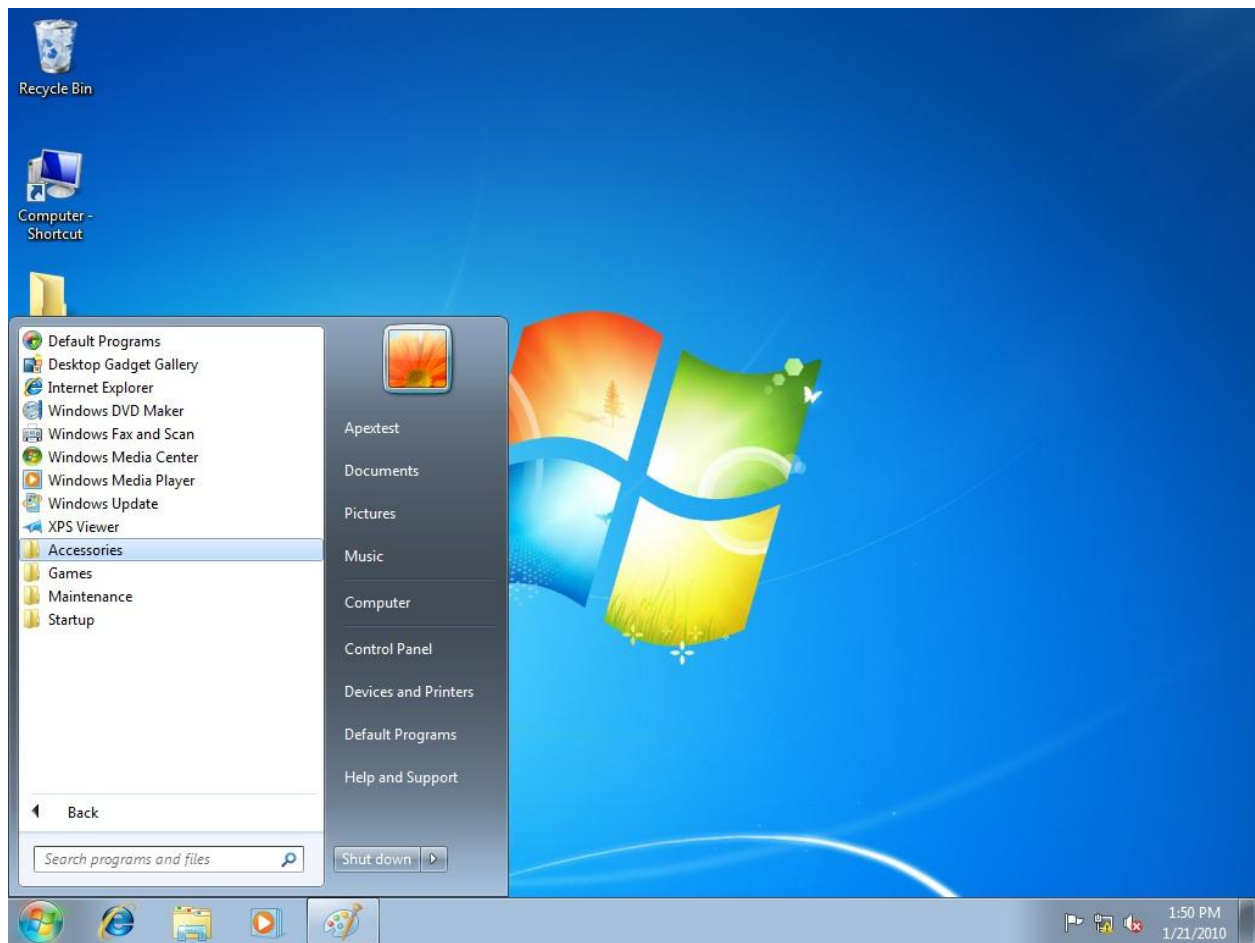
ESP INSTALL

Prior to performing the steps below, make sure your ESP Serial Hub has been setup as explained in Chapter 2, *Installing the Hub* of the *ESP Serial Hub Installer/User Guide* located on Avocent's corporate website (590-587-501A).

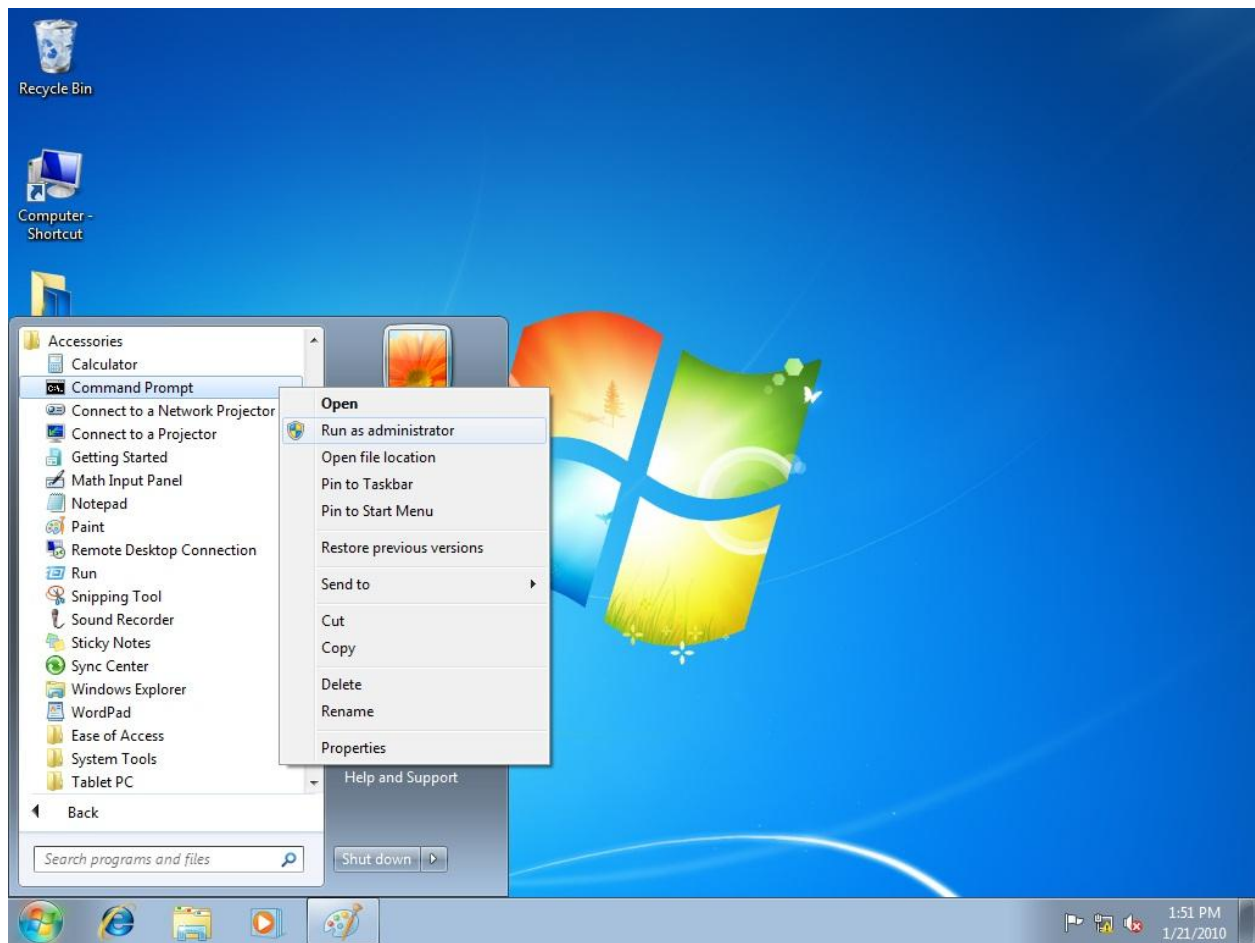
Specifically the ESP needs to be at a reachable IP address from the computer you are installing the drivers on. See pages 31-32 in the manual noted above for how to set the IP address of the ESP.



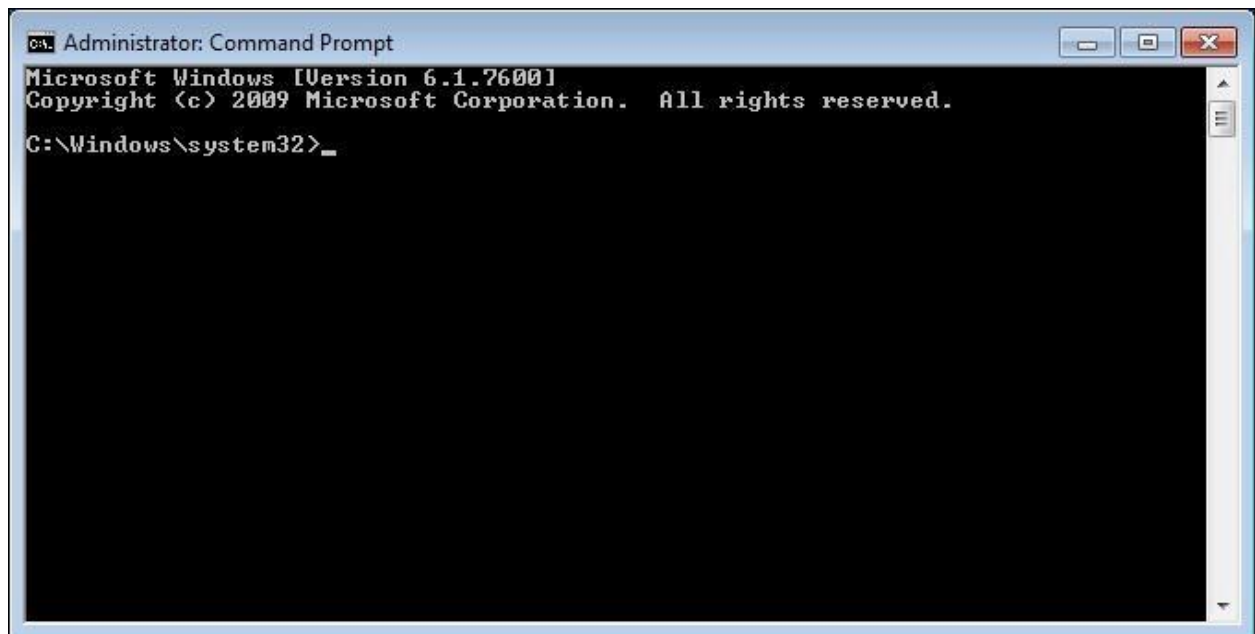
- 1) Click on the start button and select the ALL PROGRAMS option



2) Select the ACCESSORIES option



- 3) RIGHT CLICK on the COMMAND PROMPT option and select the RUN AS ADMINISTRATOR (even if the Windows login account you are using has administrative rights)
- 4) Confirm the “do you want this program to make changes dialog” that appears

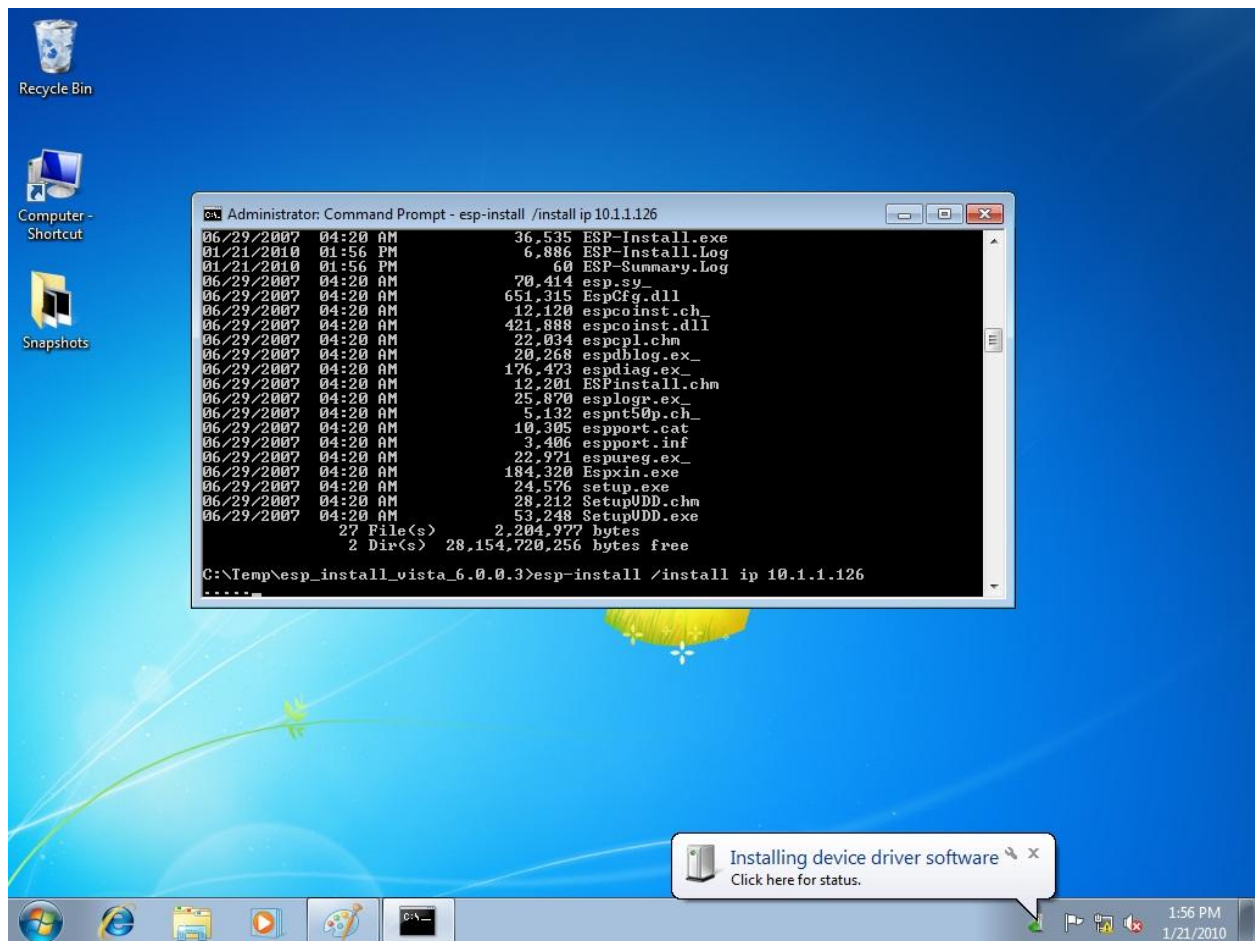


- 5) Navigate to the location of the ESP files

```
Administrator: Command Prompt
06/29/2007 04:20 AM          57,878 eqnmgmt95.dl_
06/29/2007 04:20 AM        223,680 eqxloop.ex_
06/29/2007 04:20 AM         36,535 ESP-Install.exe
06/29/2007 04:20 AM         70,414 esp.sy_
06/29/2007 04:20 AM        651,315 EspCfg.dll
06/29/2007 04:20 AM         12,120 espcoinst.ch_
06/29/2007 04:20 AM        421,888 espcoinst.dll
06/29/2007 04:20 AM         22,034 espcpl.chm
06/29/2007 04:20 AM         20,268 espdblog.ex_
06/29/2007 04:20 AM        176,473 espdiag.ex_
06/29/2007 04:20 AM         12,201 ESPinstall.chm
12/18/2007 03:50 PM          892 ESPInstall.txt
06/29/2007 04:20 AM        25,870 esplogr.ex_
06/29/2007 04:20 AM          5,132 espnt50p.ch_
06/29/2007 04:20 AM        10,305 espport.cat
06/29/2007 04:20 AM          3,406 espport.inf
06/29/2007 04:20 AM        22,971 espureg.ex_
06/29/2007 04:20 AM        184,320 Espxin.exe
06/29/2007 04:20 AM        24,576 setup.exe
06/29/2007 04:20 AM        28,212 SetupUDD.chm
06/29/2007 04:20 AM        53,248 SetupUDD.exe
      26 File(s)          2,198,923 bytes
      2 Dir(s)  28,689,817,600 bytes free

C:\Temp\esp_install_vista_6.0.0.3>esp-install /text espinstall.txt
```

- 6) An installation script file will be used to configure the network information, port mappings and physical interfaces of the ESP device. Espinstall.txt, a sample installation script file, is included with this distribution package and can be modified as required by the end user. The *ESP-Install Script File Layout and Usage* section near the end of this document contains additional details on the layout and usage of the installation script file.
- 7) After modifying the espinstall.txt file, type the following command at the prompt and press the ENTER key
 - esp-install /text espinstall.txt



- 8) During the installation, an INSTALLING DEVICE DRIVER SOFTWARE bubble will appear. Clicking on this bubble will display the details of the COM ports being added. Note the details in this bubble will not show the COM ports in their final locations. Correct ordering of the ports based on the ESPINSTALL.TXT will occur at the completion of the installation process.

```
Administrator: Command Prompt
06/29/2007 04:20 AM          12,120 espcoinst.ch_
06/29/2007 04:20 AM        421,888 espcoinst.dll
06/29/2007 04:20 AM          22,034 espcpl.chm
06/29/2007 04:20 AM          20,268 espdblog.ex_
06/29/2007 04:20 AM        176,473 espdiag.ex_
06/29/2007 04:20 AM          12,201 ESPinstall.chm
12/18/2007 03:50 PM           892 ESPinstall.txt
06/29/2007 04:20 AM          25,870 esplogr.ex_
06/29/2007 04:20 AM           5,132 espnt50p.ch_
06/29/2007 04:20 AM          10,305 espport.cat
06/29/2007 04:20 AM           3,406 espport.inf
06/29/2007 04:20 AM          22,971 espureg.ex_
06/29/2007 04:20 AM        184,320 Espxin.exe
06/29/2007 04:20 AM          24,576 setup.exe
06/29/2007 04:20 AM          28,212 SetupUDD.chm
06/29/2007 04:20 AM          53,248 SetupUDD.exe
      28 File(s)          2,280,252 bytes
      2 Dir(s)  28,703,096,832 bytes free

C:\Temp\esp_install_vista_6.0.0.3>esp-install /text espinstall.txt
.....
ESP-Install EXIT SUCCESS

C:\Temp\esp_install_vista_6.0.0.3>
```

- 9) Type EXIT to close the COMMAND PROMPT window.

ESP-Install Script File Layout and Usage

Additional information regarding the ESP-Install installation script file can be found in chapter 7 of the *ESP Serial Hub Installer/User Guide* located on Avocent's corporate website ([590-587-501A](#)).

Espinstall.txt, a sample installation script file, is included with this distribution package and must be modified by the end user for their particular installation.

The sample script file below installs two ESP devices, an ESP-16 MI and an ESP-8 MI. The ESP-16MI is given an IP address of 10.1.1.126 and the ESP-8 MI is given an IP address of 10.1.1.127. For the ESP-16 MI, all ports are mapped sequentially beginning at logical com port 21. For the ESP-8 MI, all ports are mapped sequentially beginning at logical com port 11. All ports on both ESP devices are set to a physical interface type of RS-232.

```
//  
//  Espinstall.txt  
//    Sample installation script file for ESP-8 MI and ESP-16 MI  
//
```

ESP

TYPE = ESP-16 MI
IP = 10.1.1.126
MASK = 255.255.255.0
GATEWAY = 10.1.1.254

P1 = Com21
P2 = Com22
P3 = Com23
P4 = Com24
P5 = Com25
P6 = Com26
P7 = Com27
P8 = Com28
P9 = Com29
P10 = Com30
P11 = Com31
P12 = Com32
P13 = Com33
P14 = Com34
P15 = Com35
P16 = Com36

I1 = RS-232
I2 = RS-232
I3 = RS-232
I4 = RS-232
I5 = RS-232

I6 = RS-232
I7 = RS-232
I8 = RS-232
END

ESP
TYPE = ESP-8 MI
IP = 10.1.1.127 MASK = 255.255.255.0
GATEWAY = 10.1.1.254

P1 = Com11
P2 = Com12
P3 = Com13
P4 = Com14
P5 = Com15
P6 = Com16
P7 = Com17
P8 = Com18

I1 = RS-232
I2 = RS-232
I3 = RS-232
I4 = RS-232
I5 = RS-232
I6 = RS-232
I7 = RS-232
I8 = RS-232
END