

IN Cell Analyzer Acquisition Workstation Setup Guide - 06 November 2017

Recommended, minimum workstation configuration:

Window 10, 64-bit
8Gb of RAM
1Tb of disk space
2, 10Gb Ethernet ports (for 2500, 6500)
2, 1Gb Ethernet ports (for 2000, 2200, 6000)
Cat 6 (or Cat 6a) Ethernet cable
1920x1280 display

Possible options (not provided by GE):

Windows 7, 64-bit
Additional hard disk, 6Gb/sec, SATA
16+Gb of RAM
10Gb Ethernet
2560x1440 or 2560x2160 display
2nd Monitor

Network adapter configuration:

- Use the "Control Panel" to start the "Network and Sharing Center"
- Select "Change adapter settings" from the list on the left side of the dialog box
- Double click on "Local Area Connection 2"
- Press the button labeled "Properties"
- Double click on "Internet Protocol Version 4 (TCP/IPv4)"
- Set the IP address and subnet mask to:
159.159.159.3 (or 159.159.159.2)
255.255.255.0
- Use this Ethernet port for the cable that connects to the instrument

Network host configuration:

Add a new line as follows to the file called c:\windows\system32\drivers\etc\hosts
159.159.159.1 scanner

Access permissions to the host file are limited by Windows. To edit the file, move it to the desktop, make the changes, and then move it back to the original folder.

Power configuration (only needed prior to V6.2):

Set the "Sleep" time-out to "Never". Other power-saving settings are usually OK.

IN Cell Analyzer software installation:

Contact GE for the appropriate version of the IN Cell software.
Launch the installation program and follow the step-by-step instructions.

Required support package:

Download and install PythonXY version 2.6.5.6 from
[http://code.google.com/p/pythonxy/downloads/detail?name=Py\(x%2Cy\)-2.6.5.6.exe&can=2&q=](http://code.google.com/p/pythonxy/downloads/detail?name=Py(x%2Cy)-2.6.5.6.exe&can=2&q=)
Other versions of PythonXY will not work. Use version 2.6.5.6.

File sharing between two workstations:

Computer 1

- open a "File Explorer" window and navigate to the folder that needs to be shared
- right mouse button on the folder, select "Share", set appropriate options, enable sharing
- record the name of the shared folder (for example: \\computer1\incell_data)

Computer 2

- open a "File Explorer" window
- right mouse button on the "Network" icon in the left side panel, select "Map network drive..."
- enter the name of the shared folder (from above)
- provide the user name and password

The file sharing method described above will work with even the simplest of Ethernet connections. Configuration of the operating system is not required. Use an Ethernet cable to connect Computers 1 and 2 through spare Ethernet ports. Ensure that the Ethernet adapters on both computers are configured to use "DHCP". A Cat6a cable is needed for 10Gb Ethernet.