Using Agilent Intuilink in JEC 4107

Agilent Intuilink is a software package that allows us to take pictures and data from the scope. It is loaded as a special toolbar into Microsoft software applications, such as Word and Excel.

The computers in the studio in JEC 4107 have a folder on the desktop called "Applications". In this folder, there are special versions of Word and Excel that load the Agilent toolbar. You can identify them easily because the icon for both has a picture with a green sinusoidal signal. When you run either one, the toolbar will load. This may take a while. When the introductory screen comes up, click ok. {*The following is provided for completeness, but we recommend that you use the simpler method above.* You can also load from the Program Menu. However, you need to do a bit more work that way. First, go to the subdirectory 'Agilent Intuilink.' Then you must pick the instrument you want to use – in this case it is the scope so you should choose '54600.' From the resulting menu choose either 'Excel Toolbar' or 'Word Toolbar.' The application should then load.}

After the application is fully loaded, the toolbar for the scope will appear. If you click on the camera icon on the toolbar, a black and white bitmap of the scope screen will be loaded into the application. If you click on the icon with the green sinusoid, a screen will come up asking you for the number of sample points. You can choose 100, 500, or 1000 depending upon how dense you would like the data. When you click ok, the software will sample the scope data, and place this into the application. In Word, a chart will be created for you. In Excel, the data will appear in a spreadsheet and a plot will automatically be created.

Some Tips

- The Agilent toolbar will only load if you run the special versions of the applications. The versions of Word and Excel under the Office menu will not load the toolbar.
- You cannot load the toolbar twice. If you are already running Word and the toolbar is loaded, you will have to exit in order to run Excel. … and vice versa.
- If a student accidentally closes the toolbar, you can load it again using the View Menu. Choose Toolbars and then choose the Agilent toolbar at the bottom of the list.
- In Word, the toolbar loads as a floating toolbar by default. In Excel, it loads as one of the toolbars at the top of the screen.
- If Agilent cannot find the device, try searching for the device using the toolbar button on the far left. If the search fails, check the i/o address on the scope – it should be 7. If the device still will not load, reboot the machine.
- If the machine is very slow or you cannot find the device even though the i/o device is correct, the best solution is to reboot windows. (Choose Windows – not Linux – when the computer reboots.)

- If rebooting the machine does not solve the problem, send email to help@ecse.rpi.edu. Give them the room number, a brief description of the problem, and the number of the machine.