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ICAP/4 Version 8.x.10 Build 1993

Windows 98/ME, NT/2000/XP Compatible!



Check www.intusoft.com
for software updates!

Pre-Installation Note:

To safeguard any files that you have added to the ICAP library, make sure you create a backup of your library and symbol files prior to running the ICAP/4 installation. Once the installation begins, library files will be overwritten. When the installation is complete, re-add your files to the library and recompile the database.

Web Download Option:

If you have current maintenance, you can also obtain this update via the web. Simply go to <http://www.intusoft.com/support.htm> and enter your serial number to obtain this update. Your serial number is on the "Installation Letter" that came with your initial purchase. You can also find your serial number in the Help About dialog in the User Tab within the Schematic program. (Note that the ICAP/4Students package does not offer maintenance.) Should you have any questions about the status of your maintenance program, please contact Intusoft at (310) 329-3295.

New Features and Enhancements

Moving Parts between Layers: On the schematic highlight the part to be moved, right click and move the part into another layer displayed in the popup dialog.

Keeping IsEd Open: IsEd will remain open when closing SpiceNet after a simulation has been completed.

Simulating Multiple Schematics: Change between multiple schematics in the Windows pull down menu and simulate the active schematic without closing any schematics.

Saving Default Legends and Labels with Application: In Scope highlight label, in the options menu choose and make changes to legend or label fonts, save preferences with the application.

Relationship Between Vectors: In Scope the Add Waveform dialog now shows the relationship between the vectors in subdrawings.

New ICL Scripts and Functions: Added "integratex" and "differentiatex" in Calculus in the Calculator menu. Modified the "isdisplayed" script to identify vectors that have been displayed from those used in the calculations. To change the x-axis vector in an existing plot use the keyword "default" on the left side of the statement in the Scope ICL processor.

General Feedback Theorem: A mathematical model of a control system developed by Dr. R. A. Middlebrook with California Institute of Technology now available as a download from the web. You will need build 1993 or the demo to run it. The GFT can be invoked to measure open loop control system characteristics while the loop is closed; thereby, preserving the correct loading and DC bias for any injection point in the forward loop.

AUTOTOL: A new Operating Point convergence aid that identifies and eliminates problem nodes, see NL69 for a description.

New Scope5 Scripts: Hotkey t, for region based tiling, tiles waveforms based on values between cursors.

Open Schematic from a web link: A drawing can now be opened using an HTML link. Check out <http://www.intusoft.com/pwrtemplates.htm> and click on the .DWG links. We'll be doing more of this in help files and newsletters.

New Help menus: Help for both Scope5 and SpiceNet are now file based. All links are made from the contents of a help file in the respective program folder. You can now access all ICAP/4 help and documentation files from SpiceNet.

**Keep Your Maintenance Current to See What's Coming
in the next ICAP/4Windows release!**