BA SYSTEMS
BUILDING AUTOMATION SYSTEMS

Setup of the BAS 920 Emulator:

The BAS 920 Emulator is a windows based emulation of the BAS 920 substation. Most of the functionality of the BAS 920 is present and can be tested. Please check the web for the latest versions of the programs listed below.

Installation:

Please install the following software

- BAS Series Script Engine, this installs the Script compiler and Help files
- BAS Tool, this is a tool for configuring the BAS 920 and also a script editor with context sensitive help.
- BAS 920 Emulator, the emulator itself

Optional, only needed if you need to design web pages for the BAS 920

- BAS Design, graphical SCADA that also can be used for design web pages
- Sun Java 6 update 24 or better
- BAS Series FFS

Once the above tools have been installed start the Emulator and specify the I/O module configuration (The default I/O on the BAS 920 is always present). The filename is the file where this emulation session will be saved. You can save as many sessions as you need. A session will contain the Script, the NVRAM variables, configuration and so on.

Once you have the BAS 920 Emulator running connect to it with the BAS Tool. If you are using the same machine for both the Emulator and the BAS Tool you can specify 'localhost' (without the quotes) as the address. Use the UDP communication.

In the BAS Tool enter/load your script, compile it and transfer the script to the emulator. Reboot the emulator (just stop and restart it), select the session file you where using and you should be running. Please note that the Windows firewall (or any other installed firewall) will interfere with operation of both the BAS Tool and the Emulator.