

Technote 41 – Archival back up of your AcquiSuite configuration and settings

Author: Brett Westin

The purpose of this document is to discuss the use of capturing the loggerconfig.ini, passwords and Modbus device configuration from an AcquiSuite. These settings and files would be saved by the user for use in the event of loss of data. Possible conditions for this could include; fire, theft, water damage or major electrical disturbance. These files need to be copied and saved before such an event occurs.

Prepare your AcquiSuite

You will need to be able to connect to your AcquiSuite with a piece of Ethernet cable. This needs to be CAT5e or higher. You can connect directly through your laptop or over the LAN to the AcquiSuite. See page 10 of the AcquiSuite install guide for establishing network connections. This manual is available at http://www.obvius.com/pdfs/A8812_Manual.pdf

First confirm that you can log into your AcquiSuite through a regular web browser (Microsoft Internet Explorer or Firefox work well). Once this has been established, proceed to the next step.

Set Up FTP to extract your files

The easiest method to acquire the loggerconfig.ini and other .ini files is to use FTP (File Transfer Protocol). If you don't know what this is *STOP here*. Call Obvius technical support. They may be able to walk you through a WebEx online session to assist you.

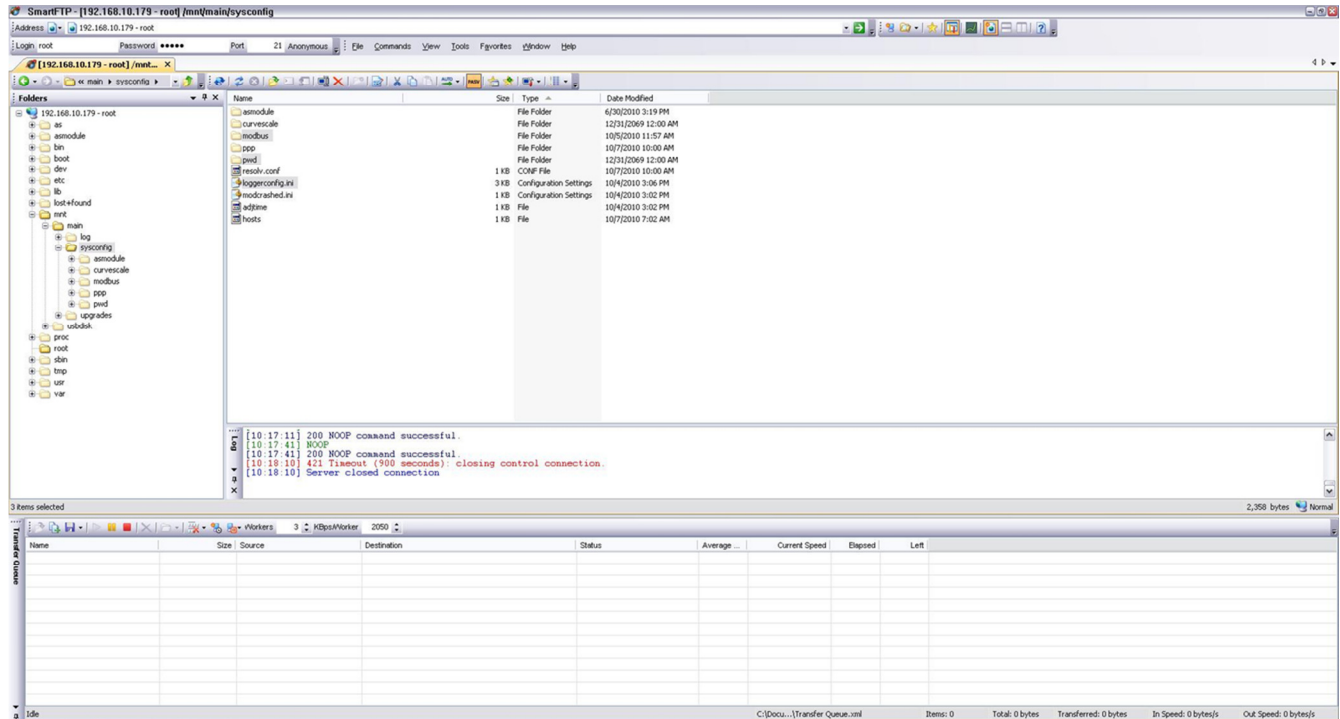
If you are familiar with FTP, then a recommended FTP GUI (Graphical User Interface) is SmartFTP – this can be downloaded here <http://www.smartftp.com/>

An alternate product is Filezilla, which is a free product and does not work as well, but may be a solution for some users <http://filezilla-project.org/>

For the purposes of backing up files for archival purposes or in the event you want to copy files and settings to restore a particular site, the files that will be most useful are the **loggerconfig.ini** file, the



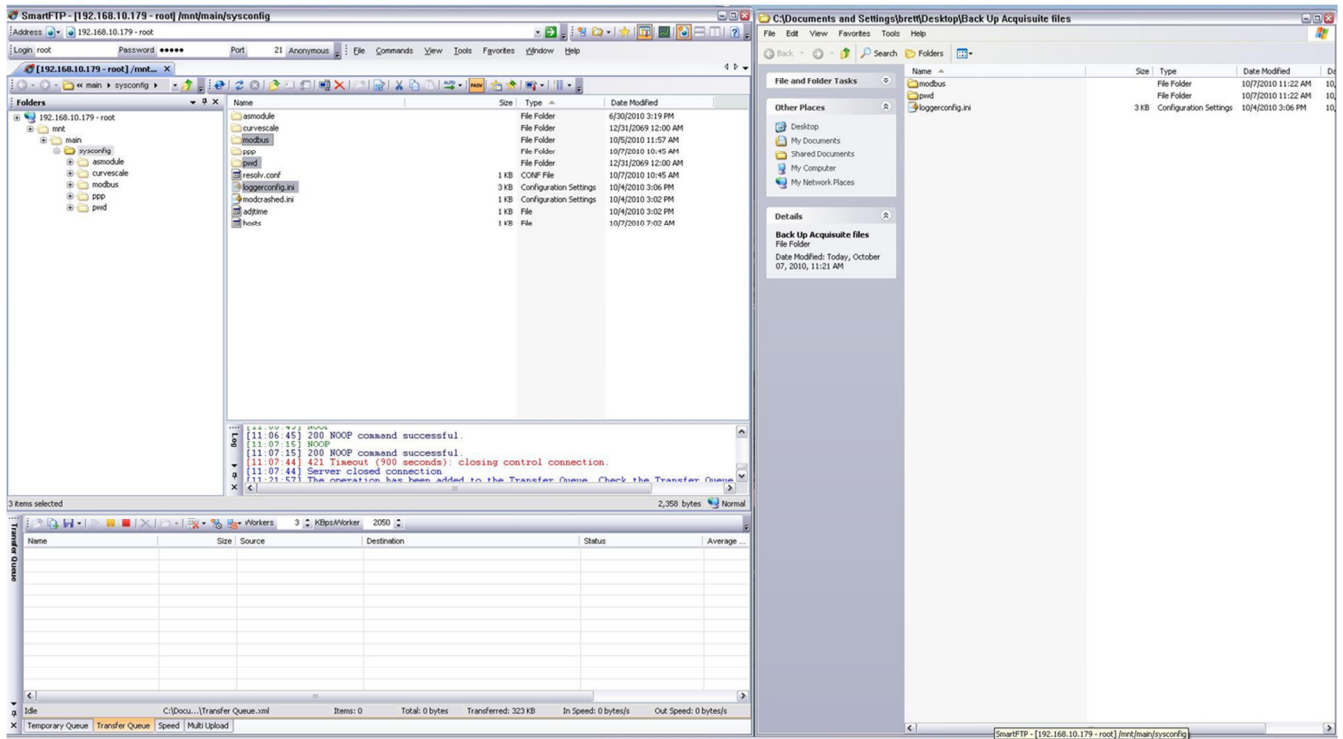
pwd directory and the **modbus** directory. These are shown in the screen shot as the highlighted items. This screen shot is from the SmartFTP interface.



Save your files to a folder

Once you have established your FTP session and are viewing the files described, you can then move them to a folder. The next screen shot shows a folder set up on the desktop of a Microsoft Windows computer. Choose the transfer method, in this case ASCII was the chosen transfer type. Because of the ease of using a GUI like SmartFTP you may simply drag the files to the folder you have set up for the back-up and archival purposes. *Important:* after you have transferred the files, check that the size of the files transferred and the original are the same size.

At this time your back-up of transferred files has been completed.



Restoring or 'cloning' an AcquiSuite

In most cases what is explained in this technote will be used to reload previous settings and configurations from an old AcquiSuite into one that is new and will be receiving the copied files. The process is very simple. The files you placed into a directory on your laptop or desktop PC now just need to be transferred into the new AcquiSuite. *Important* – this process only works when all of the original devices that were connected to the old AcquiSuite are now connected to the new AcquiSuite. All of the Modbus addresses must be the same. When you transfer the `loggerconfig.ini`, `pwd` directory and `modbus` directory – you will most likely be warned about merging or copying the files from the SmartFTP interface. YOU MUST merge and copy files. After the all of the files have transferred, reboot the AcquiSuite. Upon reboot all of your devices will now be present. It is very important, however, to go through each one and verify all of the naming, engineering units and any other settings you had before are correct. They should be, but this is the final step to ensure your new AcquiSuite is ready to go.

If you are still having trouble call Obvius for technical help. 1-866-204-8134

