

Hub Configuration Test Procedures

The following test steps will confirm that the Hub has been configured properly on the network.

1. Run “*Start/All Programs/EmbeddedDNC/Machine Configuration*”
2. Select the hub in the “Hub Configuration” window
3. Click on the “Properties” button
4. Browse to and select the “Default Data Server Path” (This path will be used by the e-DNC Hub server for creating and maintaining activity log files.)
5. Click on the “OK” button to save the path setting
6. Click on the “Add Machine” button
7. Enter the machine name (i.e. test) in the “New Machine Name and Hub” window and click on the “Add” button
8. Click “NO” on the “DATA STORAGE” popup window
9. Click on the “OK” button on the “Framework” window without changing the default values
10. Select a “COM” port that is currently not being used and has nothing connected to it. Leave all other settings at their default values. Click on the “Next” button
11. Click on the “Next” button on the “Protocol” window. Leave the protocol as “No Protocol”
12. The “Files/Data Storage” window will popup. On this window, set the directories for the downloadable and uploaded files. Make sure that these directory paths are full network paths (i.e. [\\servername\machinefolder\filesfolder](#)). These paths should be to

file folders that will be used by at least one of your machines on the shop floor. Make sure that you have a file in the download directory that is at least 4K in size.

13. Click on the “Next” button on the “Download Options” window leaving the default settings unchanged.
14. Click on the “Next” button on the “Upload Options” window leaving the default settings unchanged
15. Click on the “Next” button on the “Remote Calldown” window leaving the default settings unchanged
16. Click on the “Next” button on the “Machine Options” window leaving the default settings unchanged
17. Click on the “Finish” button on the “Machine Configuration Finished” window
18. Highlight the “Test” machine and click on the “Put Online” button and click on the “Close” button to exit the “Hub Configuration” utility
19. Run “Start/All Programs/EmbeddedDNC/EmbeddedDCS”
20. Double click on the hub name in the upper left window to expand and view the machine list for the hub
21. Highlight the “Test” machine and then select/highlight a file in the lower left window
22. Click on the “Send” button
23. The “eDNC Send options” window will be displayed. Click on the “Send File” menu item and click “Yes” on the confirmation window to send the file
24. A percentage status should be displayed next to the machine name in the upper left window. This status should gradually increment from 0% to 100% before going back to an “IDLE” status. This will indicate that the hub has been properly configured on the network. If

this doesn't happen, the "identity" setting in the "dcomcnfg" utility has not been set correctly. The user account that is identified in the setting doesn't have access to the upload and download directories. Refer to the "Installation and Configuration Procedures" document on the installation CD for further information.