

LightLEEDer BACnet Module Configurations GUI

The LightLEEDer BACnet module has been shipped with an IP address of 192.168.1.24, a device instance address of 11, and an instance name of ILC_11. These parameters can be modified to fit your facilities needs by interfacing the FieldServer GUI in the device and following the steps in this bulletin.

1. Connect to the LightLEEDer BACnet module Ethernet Port and your PC to a TCP/IP connected network or directly with the use of a cross-over cable.
2. Set your PC's IP address to the same subnet as the module. Example: 192.168.1.25, Subnet mask 255.255.255.0
3. Open your web browser and enter IP address 192.168.1.24 to login to the device GUI. Figure 1 shows the FieldServer GUI opening screen.

Note: The product is compatible with the following web browsers:

- Chrome 19.0 and higher
- Firefox 13.0 and higher
- Opera 11.0 and higher
- Internet Explorer 8 and higher
- Safari 4.1 and higher

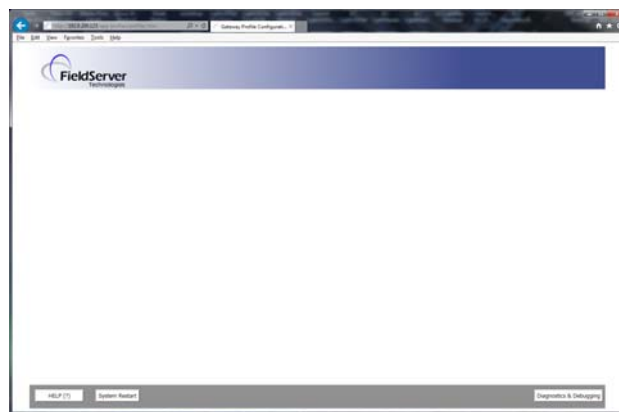


Figure 1 FieldServer Opening GUI Screen

- Click on the “Diagnostics & Debugging” button located in the lower right corner to open the FieldServer GUI app as shown in Figure 2.

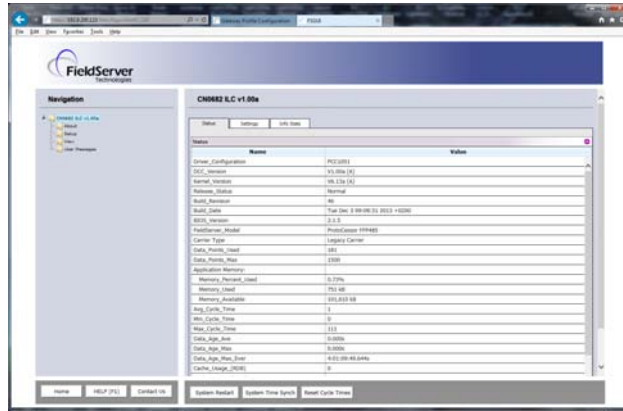


Figure 2 FieldServer GUI Screen

a. To Change the IP Address of the Device

From the navigation area on the left side of the screen, expand the “Setup” folder and then select “Network Settings”. From this network settings screen as shown in Figure 3, adjust the IP settings desired for this interface in the fields provided. Once the settings are adjusted, click on the “Update IP Settings” button to save the settings to the device. **Note: Updated settings only take effect after a system restart which can be done with the button in the lower section of this screen. If the IP address is changed you will need to direct your browser to the new IP address.**

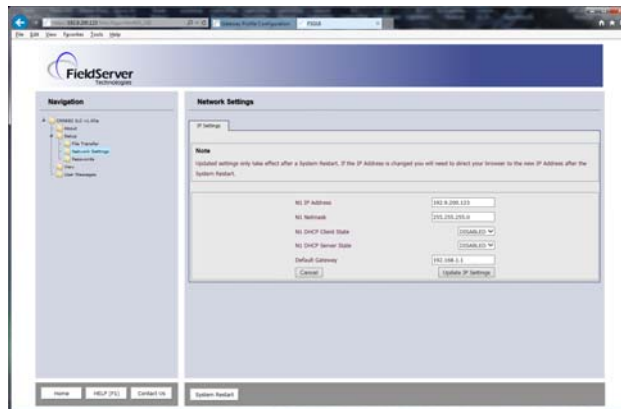


Figure 3 Network Settings Screen

b. To Change the BACnet Device Object Instance Number

The device address for this interface is held in a configuration file in the device. The configuration file needs to be retrieved from the device, adjusted, and then updated in the device. **Note: This file needs to be adjusted carefully, as not to change the format.**

From the navigation area on the left side of the screen, expand the “Setup” folder and then select “File Transfer”. From the “Retrieve” area, click on the config.csv link to start the download of the file, and then select “Open” when prompted as shown in Figure 4.

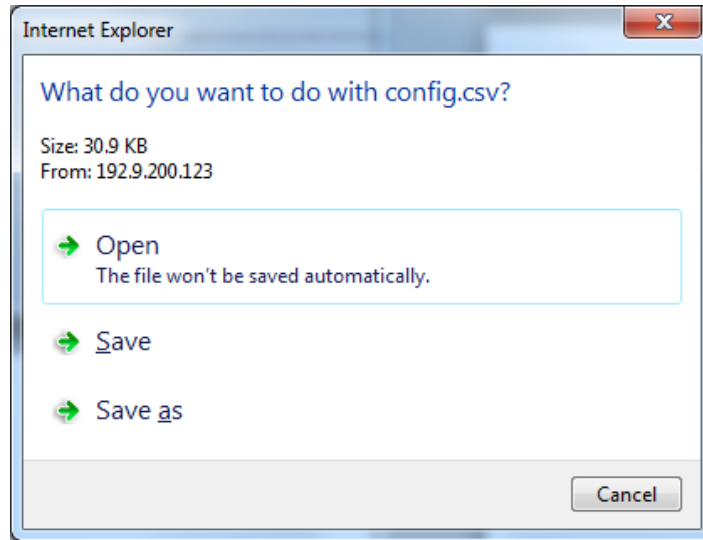


Figure 4

The configuration file will open in MS Excel so the fields can be adjusted. Refer to Figure 5 and adjust the 2 fields to the desired node ID. Legal values are from 1 – 16777215 and must be the same for both fields. **Note: File row numbers in Excel may differ from what’s shown in Figure 5.**

Save the file as **config.csv** in a known location, be sure to save the file in the same format.

From the “File Transfer” screen, in the “Update Configuration” area, browse to the adjusted file, and then click the “Submit” button to update the configuration file on the device.

Select the “System Restart” button to activate the new configuration in the device.

```

33 //
34 // Common Information
35 //
36
37 Bridge
38 Title System_Node_Id
39 CN00205 11
40
90 //=====
91 //
92 // Server Side Nodes
93 //
94
95 Nodes
96 Node_Name Node_ID Protocol
97 Virtual_Bus 11 Bacnet_MSTP
98
99 //=====
100 //
101 // Server Side Man Descriptors

```

Figure 5 Configuration File Instance Address Fields
(Configuration file for BACnet MSTP shown)

c. To Change the BACnet Device Object Instance Name

The device name for this interface is held in a configuration file in the device. The configuration file needs to be retrieved from the device, adjusted, and then updated in the device. **Note: This file needs to be adjusted carefully, as not to change the format.**

From the navigation area on the left side of the screen, expand the “Setup” folder and then select “File Transfer”. From the “Retrieve” area, click on the config.csv link to start the download of the file, and then select “Open” when prompted as shown in Figure 4.

The configuration file will open in MS Excel so the fields can be adjusted. Refer to Figure 6 and adjust the fields in the “Server Side Nodes” for the “Node_Name”. Up to 31 alphanumeric characters can be used for the instance name. All of the Node_Name fields also need to be changed, and all must match to operate correctly. **Note: File row numbers in Excel may differ from what’s shown in Figure 6.**

Save the file as **config.csv** in a known location, be sure to save the file in the same format.

From the “File Transfer” screen, in the “Update Configuration” area, browse to the adjusted file, and then click the “Submit” button to update the configuration file on the device.

Select the “System Restart” button to activate the new configuration in the device.

94	//							
95	//	Server Side Nodes						
96	//							
97								
98	Nodes							
99	Node_Name	Node_ID	Protocol					
100	ILC_10	10	Bacnet_IP					
101								
102	//=====							
103	//							
104	//	Server Side Map Descriptors						
105	//							
106								
107	Map_Descriptors							
108	Map_Descrip	Data_Arra	Data_Arra	Function	Node_Name	Data_Typ	Object_IC	Relinquish_Default
109	Relay_01	DA_DO_0	0	Server	ILC_10	DO	1	0
110	Relay_02	DA_DO_0	1	Server	ILC_10	DO	2	0
111	Relay_03	DA_DO_0	2	Server	ILC_10	DO	3	0
112	Relay_04	DA_DO_0	3	Server	ILC_10	DO	4	0
113	Relay_05	DA_DO_0	4	Server	ILC_10	DO	5	0
114	Relay_06	DA_DO_0	5	Server	ILC_10	DO	6	0
115	Relay_07	DA_DO_0	6	Server	ILC_10	DO	7	0
116	Relay_08	DA_DO_0	7	Server	ILC_10	DO	8	0

Figure 6 Configuration File Instance Name Fields



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