

## 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 address set and 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 MSA - 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
- Safari 4.1 and higher

4. Click on the “Continue with HTTP” button located lower right shown in Figure 1.

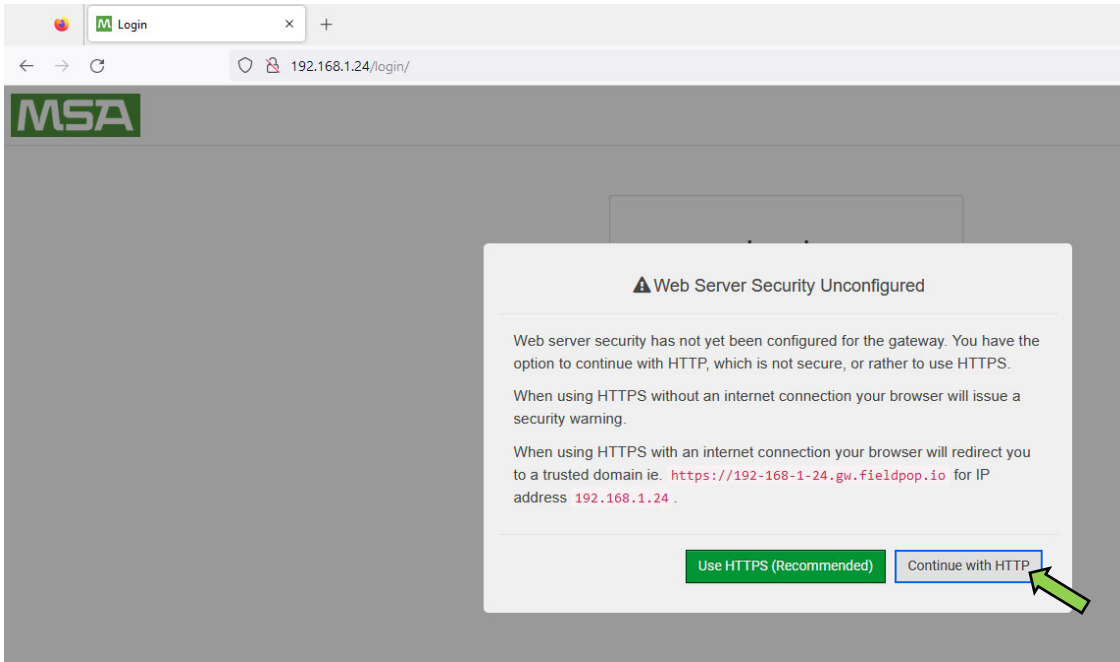


Figure 1 - FieldServer Opening GUI Screen

5. Next you will get a log In screen shown in Figure 2, enter “admin” and the password found on the label of the BACnet-IP device, then click “Log In”. You will next get a conformation screen that allows you to continue with HTTP or go back to setting up the HTTPS security options as shown in figure 3, select “HTTP” and then “Save”.

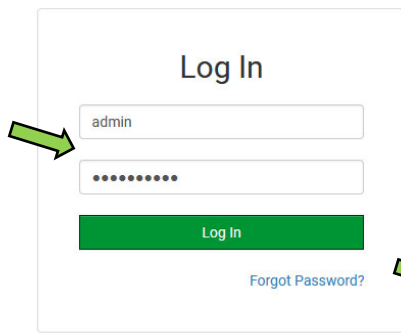


Figure 2 - Log In

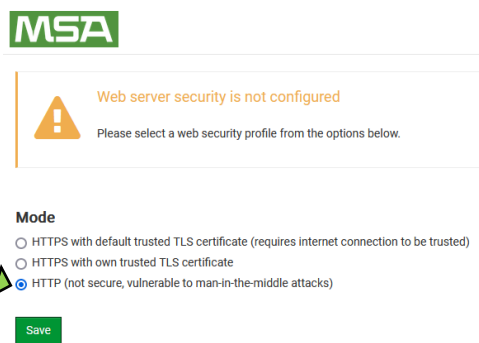


Figure 3 - MSA Security Conformation

## To Change the BACnet device IP Settings

On the MSA GUI screen left click “Setup”, then “Network Settings”, this will open a screen where the BACnet device IP setting can be changed for the BAS system requirements as shown in Figure 4.

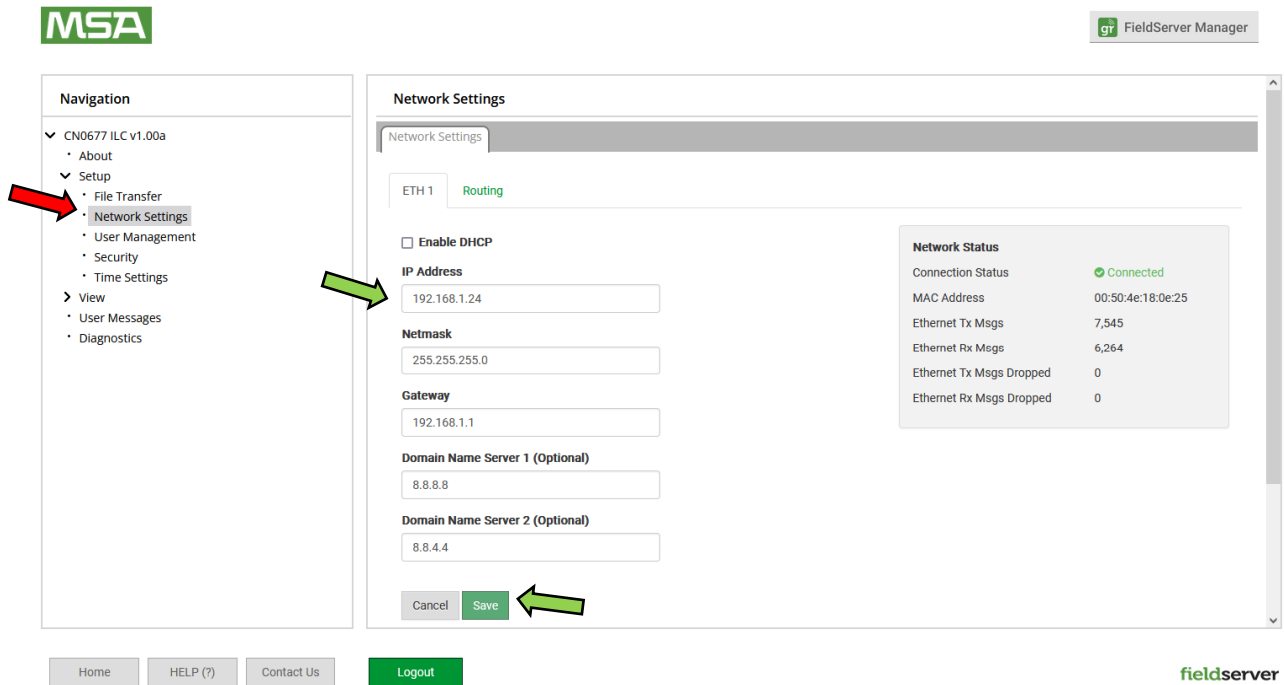


Figure 4 – Network Settings Screen

After changing the IP and Netmask Click on “Save”

Note: that Saving an IP Setting change takes effect immediately and the browser will lose connection to the device. Reconnect to the New IP address in the same manner as shown above to continue.

## 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, so 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 5 and 6.

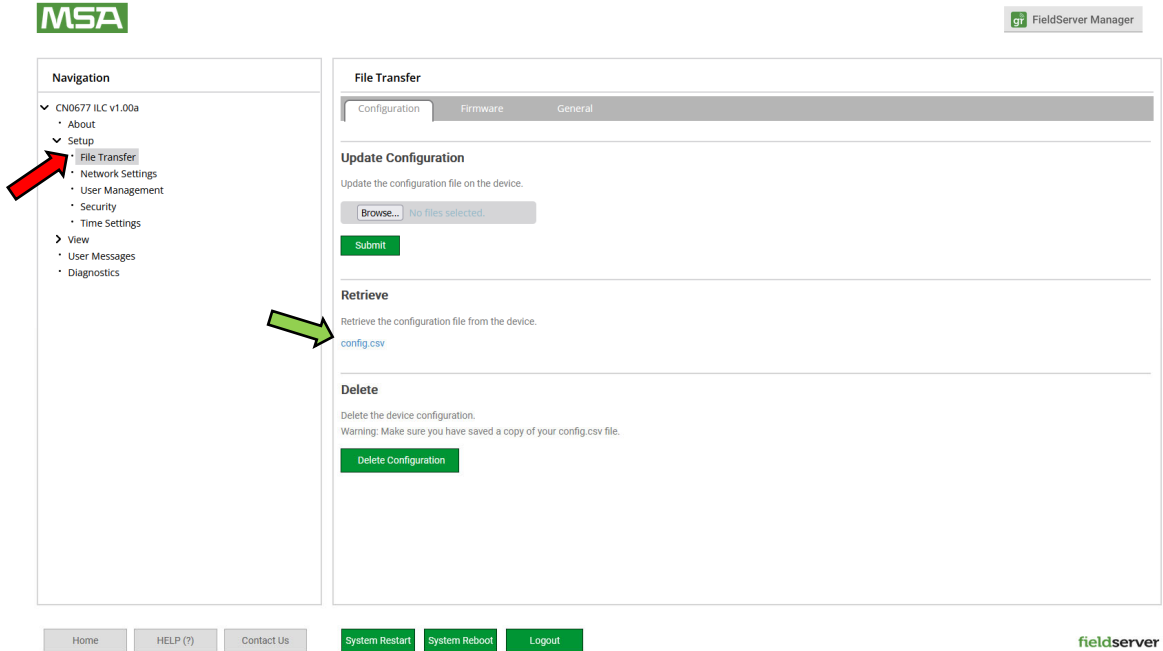


Figure 5 – File Transfer Screen

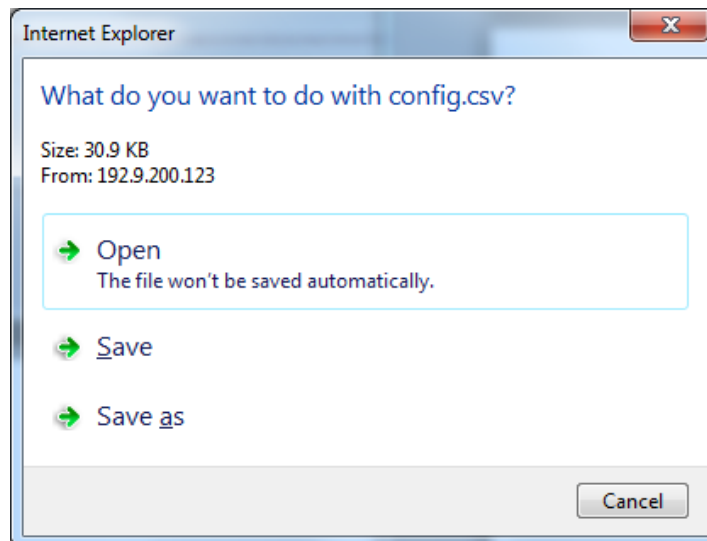


Figure 6 – Open config.csv

The configuration file will open in MS Excel so the fields can be adjusted. Refer to Figure 7 and adjust the 2 fields to the desired node ID. Legal values are from 1 to 16777215 and must be the same for both fields.

**Note: File row numbers in Excel may differ from what's shown in Figure 7.**

32	//		
33	//	Common Information	
34	//		
35			
36	Bridge		
37	Title	System_Node_Id	
38	CN0677 ILC v1.00a	11	
39			
40	//	=====	

93	//	=====	
94	//		
95	//	Server Side Nodes	
96	//		
97			
98	Nodes		
99	Node_Name	Node_ID	Protocol
100	ILC_11	11	BACnet_IP
101			
102	//	=====	

Figure 7 - Configuration File Instance Address Fields  
(Configuration file for BACnet IP shown)

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.

### **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, so 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 6.

The configuration file will open in MS Excel so the fields can be adjusted. Refer to Figure 8 and adjust the fields in the “Server Side Mapped Descriptors” for the “Node\_Name”. Up to 31 alphanumeric characters can be used for the instance name. All the “Node\_Name” fields need to be changed also, and all must match to operate correctly.

