Technical Article



Changing the VerifEye[™] Series 3500 Meter Modbus and IP Addresses

Product:	VerifEye Series 3500 Meter	Article ID: 20140616-BW
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Summary:	This article describes the process for changing the VerifEye Series 3500 Modbus and Addresses via the FieldServer App.	

Instructions

1. Download the App - Go to the Field Server website (<u>www.fieldserver.com</u>) and click on the Support tab. Click on the Downloads menu and choose the FieldServer-Toolbox file to install the program onto your computer. You will need to turn off your Windows firewall to use this app.

SUPPORT Literature/Manuais Download Profiles Advanced Functions Advanced Functions Configuration Configuration Configuration Pachnical Resources Downloads Downloads Phofication Notes Training Courses Vebinars	Utility software downloads This software is used to test and a This software is upgraded from tin here at the FieldServer website. V they are installed in the proper din Click to go to download required: <u>All FieldServers</u> <u>BACnet MS/TP - FS-8700-73</u> <u>ControlNet - FS-83514-01</u> <u>ControlNet - FS-83514-01</u> <u>ControlNet - FS-83515-01</u> <u>DNP3 - FS-8700-138 (Serial) ar EtherNet/DP - FS-8304-14</u> <u>Modbus Plus - FS-84019-01</u> <u>Profibus DP - FS-83512-01</u> <u>SlotServer</u> <u>SNMP</u>	Utility software downloads This software is used to test and setup the FieldServer or are needed for specific drivers as noted. This software is uggraded from time to time and the latest version is always available for download here at the FieldServer website. When installing these programs on your computer make sure that they are installed in the proper directory where the current version resides. Click to go to download required: - All FieldServer set BACnet MS/TP - FS-8700-73 - ControlNet - FS-B3514-01 - ControlNet - FS-B3515-01 - DeviceNet - FS-B3515-01 - Diverter FS-8700-138 (Serial) and FS-8704-17 (Ethernet) - EtherNetUP - FS-8704-14 Modbus Phus - FS-84019-01 - Profibus DP - FS-83512-01 - SlotServer		
	Software	Size	Description	
	All Field Servers			
	The Utility zip has been replaced by the FieldServer Foolbox zip. Some manuals have not yet been updated to reflect this change but you enfould now be downloading the FieldServer- Toolbox zip and not the Utility zip.			
	FieldServer-Toolbox.zip	10Mb	The FieldServer-Toolbox zip contains all the files you need to setup your gateway for diagnostics, set IP address, set time, monitor the units on the network, and their status and manage configuration.	

2. Connect Series 3500 Meter – Connect the VerifEye Series 3500 Meter via a switch or directly to your laptop. Allow the meter to power up (about 20 seconds) and open and run the Remote User Interface app.



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When you start the application, it will ask if you want to change the time. The time can be changed; however it is not necessary as the time reference comes from the Energy Monitoring Hub (EMH).

Next, select Upload Configuration (U) from FieldServer on the menu – see screen cap below.



3. Configure - After selecting Upload Configuration, the program will give you the option to open the file with Slick, Excel or Notepad. Choose Notepad.

//Server Side Nodes	-
Nodes Node_Name , Node_ID , Protocol Dev_IP , 11 , BACHELTP	
Node_Name , Node_ID_ Protector , Node_Description Pev_TCP , 25Rodbus/TCP , "LEVITON.S3X00"	
Server Side Map Descriptors	

In Notepad, change the address and hit Save. Hit ESC to go back to the main screen and choose Download Configuration to Field Server (D). After completing this step, you can exit out of the app.

Note: Before adding to EMH, you must first power cycle the Series 3500 Meter.

Next, add the VerifEye Series 3500 Meter with "Add" option using the device IP and Modbus addresses set in the previous step.

SPECIAL NOTE: This technical article primarily covers changing the Modbus address. Changing the IP address is easier to do and can be done from the main screen of the app (see screen shots below).

1 Remote User Interface	Remote User Interface
Main Menu	Edit IP Address Settings
CN0177 Leviton v1.00a	1 - N1 IP Address 192.168.233.228 2 - N1 Nateack 255.255.26
B - FieldServer Information P - Password Protection	3 - N1 DHCP Client State EMABLED 4 - N1 DHCP Server State DISABLED
0 – Connection Overview N – Mode Overview M – Hap Descriptor Overview A – Date Arrey Overview	5 - Default Gateway 192.168.233.1
L – Hessaya Loy E – Errop Loy P – Briver Log C – Combined Loy	
D - Download Configuration to FieldServer U - Upload Configuration from PieldServer	
I - Change IP Address † - Restart FieldServer	
Keys: Type Appropriate Key for Selection <quit <+=""> Next <+> Prev <ctrl+> Last <ctrl+> First <n> Goto</n></ctrl+></ctrl+></quit>	Keys: Type Appropriate Key for Selection (ESC)

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