

FieldServer Data Sheet – Toolbox User Interface

Sierra Monitor has introduced the latest update to the user interface utility called FieldServer Toolbox. This updated utility is now shipping with every FieldServer Gateway and enables users to easily:

- 1. Search the network for any connected FieldServers.
- 2. Select the FieldServer and launch either the current userfriendly browser-based interface or the basic RUInet interface to help set-up, install and diagnose the FieldServer. The web browser interface makes it easy to check the status and diagnose your FieldServer including such information as network settings, node information, map descriptors, and transfer of files. And, the web browser interface can be set up with your own logo and background if desired.

DEVICES 🎂		IP ADDRESS	MAC ADDRESS		TANORITE	CONNECTIVITY	-	
H2S Capture Bridge v1.00a		10.5.5.150	00:50:4E:20:02:7F		+		Connect	¢
H25 Capture Bridge v1.00a		10.5.5.151	00:50:4E-20:02:78		-		Conrect	C
Email test client		64.60.250.205	00:50:4E:02:BR:25	22	*		Connect	C
Modibus to BACnet EZ Gatewa	y.	64.60.250.231	00:50:4E:10:17:C8	50	*		Correct	C
KNX to BACnet/IP Gateway	4	64,60,250,232	00:40:90:57:48:E6	52	*	•	Connect.	C
No_Title_Assigned	-	64.60.250.232	00:50:4E10:35:65		+	•	Converti	ç
FieldServer BACnet Router		64.60.250.233	00:50;4E:10:17:CE	52	*	•	Connect.	C
30 - QuickServer Basic Firmw		192.168.2.130	00.50:4E:02:A5:3A		30	•	Convitc?	C
x30 - QuickServer Basic Firmw		192,168,2.131	00.50.4E:02:A4:C0		1		Connect	E.
Weatherlink Client		192.168.3.5	00:50:4E:10:01:53	22	*		Connect.	C
XML Demo v1.00a		192.168.3.10	00.40.90.57.31.04	22	*		Connect	C
PG13000014 v1.00a		192.168.3.11	00-40-9D:4E-83:DF	22			Connect	C

Home

Allows the user to check the status of the FieldServer gateway, including the configuration code, version, memory, gateway type and more. Under "Settings" the user has access to important network information.

Navigation	PG13000015				
PG13000015	Status Settings Info Stats				
About	121020				
setup	Status				
> view	Name	Value			
 User Messages 	Driver_Configuration	DCC/5/			
	DCC_Version	V0,000 (A)			
	Refries_version	Vo.1/g (A)			
	Release_status	Normal			
	Duild Date	101 Tur Max 31 10-85 45 2015 - 0300			
	Bloc Verley	7 06 Mar 31 10, 53, 43 2013 = 0200			
	FieldServer Model	FS-05-1010			
	Carrier Type	495 Carrier			
	Data Points Used	155			
	Data Points Max	250			
	Application Memory:				
	Memory Percent Used	1.04%			
	Memory Used	1,039 kB			
	Memory Available	99.619 kB			
	Avg Cycle Time	1			
	Min, Cycle Time	0			
	Max Cycle Time	114			
	Cache_Usage_(RDB)	0			
	Cache_Usage_(WRB)	0			
	Last_Time_Rebooted	Fri Apr 3 15:46:52 2015			
	FieldServer_Time	Fri Apr 3 15:55:33 2015			
	Hot_Standby_Status	ACTIVE			
	Hot_Standby_Timer	0.000s			
	Cycles_Now	511			

About

Allows the user to check current firmware of the FieldServer gateway plus version identification of the interface and skin, plus contact information. Skin is either the default FieldServer template or it can be a specific template specified by the OEM customer.

Setup

Select "File Transfer" to upload files to the FieldServer gateway including configuration files, firmware upgrades and more. Select "Network Settings" to access and modify network connection.

Toolbox User Interface

View

Select "Connections" to view activity of devices connected to the FieldServer gateway ports.

Select "Data Arrays" to view the Data Arrays setup in the gateway and the user can click on the specific Data Array for detailed information.

Select "Nodes" to view the Nodes setup in the gateway and the user can click on the specific node for Node detailed information. On the Nodes details page tabs across the top allow access to settings, status, info stats and error stats.

ivigation	Dev_RTU_1			
13000015	Setting Status Info	Stats Error Stats		
About				
tup	Settings			
ew.	Name	Value		
Connections	Adagker			
Data Arrays	Node_friame	Dev_HT0_1		
Nodes	Note_10	1		
- Dev_RTU_1	Protocol	MODIUS_RTH		
- MBRTU_DM_3000_1_IP	Host, Nami			
* MBRTU_DM_3000_1_MSTP	1P_Address			
Dev ATU 2	Remote_37_Address	4		
- MERTLI DM 3000 2 IP	Node_Type	4. Contract of the second s		
· MARTU DM 3000 2 MSTR	Node_Option			
Dev BTU 3	Node_Office_Action			
- MERTIL DM 2000 3 JP	Enable_Write_Retries	N0.		
AARDTIL DAL 2000 2 MICTH	Part	R2		
The Contractor	Readback_Option	Reidzack on Wite		
iner Marinder	Write_Ack_Option	Ack Complete		
over mermiller	Retries	1		
	Phase Number			
	Srv_Offine_Method			
	Address, Type	PDI		
	Node_Office_Response			
	Partial Data, Response	Do, not, Respond		
	Pex_Operation	14		
	Notice Ameritivity Timened			
	Write Length			
	Termonit	2,008		
	Retry Interval	19.000		

Select "Map Descriptors" to view the Map Descriptors setup in the gateway and clicking on the specific map descriptor will access the Map Descriptors detail page. Again, tabs across the top of the page provide quick access to settings, status, info stats, and error stats.

SMG					
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Navigation	CMD, Dev, RTU_1,01				
PG13000015	- Certain Matin	Infe State			
- About	and a second second				
3 Setup	Letting				
w View	Name		Value		
5 Connections	Hole To	1			
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Map Descriptors	Harr Addisor	1100			
CMD Des PTU 1 AL	Land	19			
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- CMD_Det_KTO_T_DI	Date Arou Name	The still size a			
CNU_DEV_RTU_1_04	Data Active (Mart	0			
 CMD_Dev_RT0_1_05 	hamo	anar			
 EngineSpeed 	Earthout .	Vor			
EngineTargetSpeed	from Internal	1,000			
- EngineOilPressure	MD Other				
 EngineCoolantTemperature 	Tailed Mar Description				
 EngineOituivet 	Discourse leads Research				
- EngineFuelLevel	Wile These Brids				
 BatteryVoltage 	Webs Danie Bile				
 FuelTemperature 	Data Area Law Serie	10.000			
PuelPressure	Date Array Link Solle	0.000			
* PueiRate	Mole Loss Scille	10 mm			
 FueiUsedLastRun 	Name time Code	0.000			
 Coolant#vessure 	INFort Table Name	10000			
- LubeOlTemperature	Brahmad Addresses	tinute			
- CrankcasePressure	Trans. of Services	Jude			
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- Batter Wolf and From From					
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- Extraction and the					
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e uBuecareantyigu					

User Messages

Allows access to error messages, info messages and driver messages.

Note

- A Help menu is included under "Help" and the "System Restart" button at the bottom of the page is used to restart the FieldServer gateway.
- The FieldServer-Toolbox and Web-Browser based User Interface only work with the QuickServer and the FS-B35XX Series. For the FS-B20X and FS-B40X series they RUInet software is used for the user interface.

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