How to update Firmware of PROFINET device?

Step 1: Download the PROFINET_FW_Update_Tool software and latest firmware of PROFINET device.

PROFINET_FW_Update_Tool software => Download

Step 2: Please connect Ethernet cable to LAN2 to update firmware. PFN-2000 series module Gateway and Converter module







Step 3: Please turn rotary switch to "E" and turn the "Power ON".



Note 1: PFN-2000 series module =>

S1A, S1B, S2B LED ON and S2A LED OFF



Note 2: Gateway and Converter => AP, ERR LED OFF and BOOT LED ON



Step 4: Extract the firmware file.



Step 5: Right click "PFN_Update_Tool.exe" \rightarrow "Properties" \rightarrow "Compatibility" \rightarrow "Run this program as an administrator" (for windows 7, 8).

		PFN_Update_Tool.exe Properties	
		General Compatibility Security Details Previous Versions If you have problems with this program and it worked correctly on an earlier version of Windows, select the compatibility mode that matches that earlier version. Help me choose the settings Compatibility mode	
PFN_Update_Tool	Open Run as administrator Troubleshoot compatibility	Windows XP (Service Pack 3)	
	Add to archive Add to "PFN_Update_Tool.rar"	Settings Run in 256 colors	
	Compress and email Compress to "PFN_Update_Tool.rar" and email Pin to Taskbar	Run in 640 x 480 screen resolution Disable visual themes Disable desktop composition	
	Pin to Start Menu Restore previous versions	Disable display scaling on high DPI settings	
	Cut Copy	Privilege Level	
	Create shortcut Delete Rename	Change settings for all users	
e []	Properties	OK Cancel Apply	

Step 6: Double click "PFN_Update_Tool.exe" . Select product and press "OK" button.

PROFINET	_Tool (Version 1.00)	
Functio	n : Firmware Update ^{wt}	DAS
Product :	PFN-2052	
COM port	PFN-2019 PFN-2042 PFN-2051	
COM1 :	PFN-2052 PFN-2055	
COM2 :	PFN-2060	
COM3 :	~	
ОК		

Step 7: Please input device's IP, and note that PROFIBET device's IP must have the same domain and different IP with PC.

PROFINET_FW_Uptate_Tool (Version 1.00)			
firmware version : PFN-2052 v10 Start Stop			
Set IP/Mac Address			
IP address	🏘 Tftpd.32 by Ph. Jounin 📃 🗖 🔀		
192.168.77.11	Current Directory CAProgram Files/ICPDAS/PROFINETY		
Message : Device's IP	Server interaces 192.168.77.77		
	Tftp Server Tftp Cline Cline D Cline D Server DNS server		
	peer PC'S IP tart time progress		
	About Settings Help		

Step 8: Please input device's MAC address. You can find it at cover of device.

firmware version : PFN-2052 v10 Start Stop Set IP/Mac Address IP address IP2.168.77.11 00-0D-E0-17-00-0F Message :	PROFINET_FW_Up	ate_Tool (Version	1.00)	
Set IP/Mac Address IP address I92.168.77.11 Message :	firmware version : P	'FN-2052 ∨10	Start	Stop
IP address I92.168.77.11 Message :	Set IP/Mac Address—			
192.168.77.11 00-0D-E0-17-00-0F	IP address		Mac address	
Message :	192.168.77.11		00-0D-E0-17-00-0F	
	Merrana ·			
	Message .			~
PRODA VAZ MAC 88 80 E8 17 88 8F	Possa Rez MAC 88 20	E0 17 00 0F		Shunkrif

Step 9: Press "Start" button to update firmware.

PROFINET_FW_Uptate_Tool (Version	1.00) 📃 🗖 🔀
firmware version : PFN-2052 v10	Start Stop
Set IP/Mac Address	
IP address	Mac address
192.168.77.11	Information 🔀
Message :	FW Update Sucess.
FW Update Start Execute ARP Del bat. OK. Execute ARP Set batOK. Execute COPY File batOK. telnet connectOK. load 192.168.77.77 userProject loadOK. load 192.168.77.77 userProject loadOK. load 192.168.77.77 st_batloadOK. load 192.168.77.77 st_batloadOK. load 192.168.77.77 st_batloadOK. load 192.168.77.77 st_batloadOK. load 192.168.77.77 st_batloadOK. load 192.168.77.77 st_batloadOK. load 192.168.77.77 b0000OK. Execute ARP_Set batOK. telnet connectOK. blinfoOK. Execute ARP_Del.batOK.	確定
	Show detail Show brief

Step 10: Firmware update success, please turn rotary switch to "0" and turn power on.

Step 11: You can use PFN_Tool or MiniOS7 Utility to confirm firmware version.



PFN_Tool

De	Device Advanced Configuration		
	Device Information Device Type : PFN-2052 Firmware Version : V1.0		