

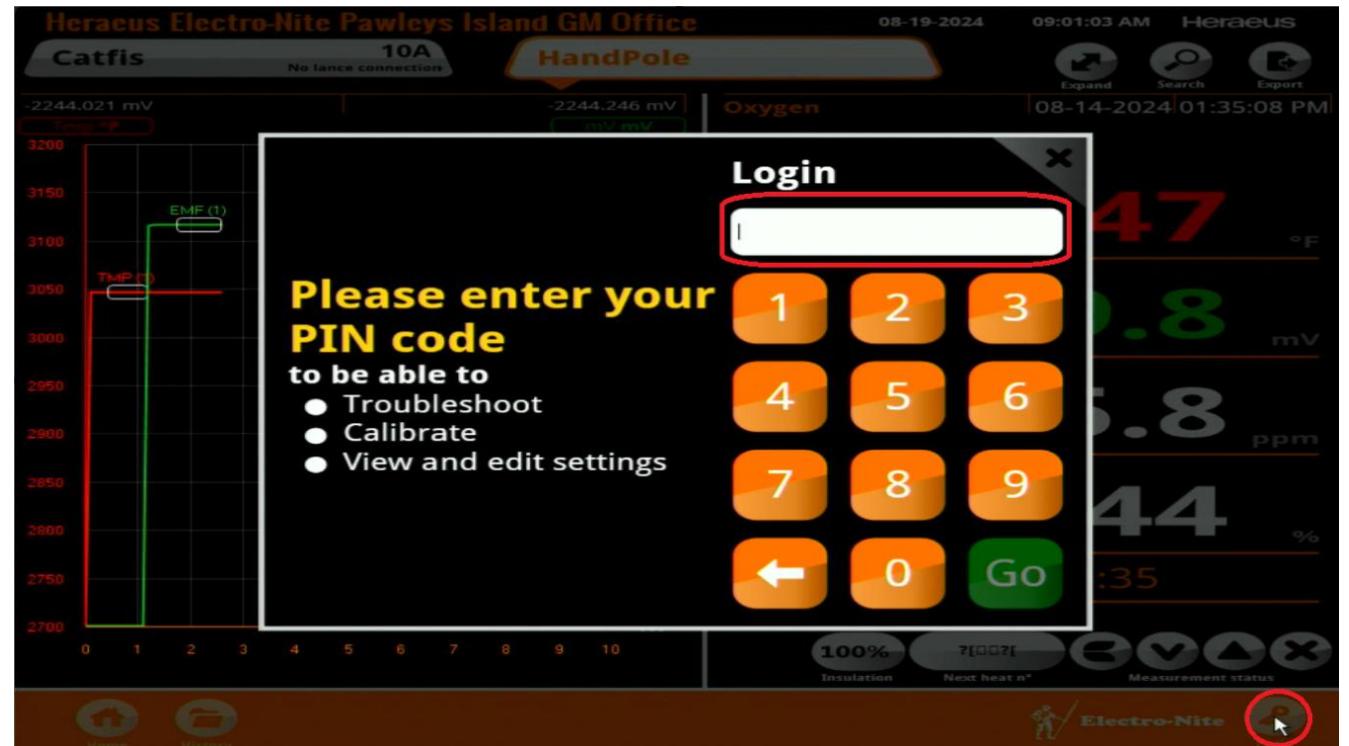
Set up SLS/IM2 for Profinet

Network

- Ethernet cable to be connected to the RJ45 ProfiNet port (this may be labeled Options).

Log In

Log in with "24816".



Settings

Click <Settings>

Settings 08-19-2024 09:04:35 AM Heraeus

	Act	Version no	Created on	Comment	Preset
RemoveMe					
<input type="checkbox"/>		Version 1	08-19-2024 08:58:00 AM	Remove_me	Activate
<input type="checkbox"/>		Version 0	07-26-2024 01:38:12 PM	Offset 16	Edit
Liberty Peoria					
<input type="checkbox"/>		Version 14	08-14-2024 01:33:43 PM	Testing New Display	Delete
<input type="checkbox"/>		Version 13	08-14-2024 01:27:13 PM	Testing New Display	Compare
<input type="checkbox"/>		Version 12	08-14-2024 01:01:04 PM	Testing New Display	Export
<input type="checkbox"/>		Version 11	08-14-2024 12:34:49 PM	Testing New Display	Import
<input type="checkbox"/>		Version 10	08-14-2024 12:27:14 PM	liberty eaf with elp reg	Set preset
<input type="checkbox"/>		Version 9	07-02-2024 04:18:07 PM	Liberty Peoria LMF - Conversion added telegrams for Alpha display	Delete preset
<input type="checkbox"/>		Version 8	06-24-2024 02:09:10 PM	Liberty Peoria LMF - Conversion Config Regs with P1 Carb Selected	Delete Meas.
EIP					
<input type="checkbox"/>		Version 25	08-09-2024 07:02:12 PM	testing input regs enabled lance input	Customer info
<input type="checkbox"/>		Version 24	08-09-2024 06:38:12 PM	testing input regs enabled lance input	LAN settings
<input type="checkbox"/>		Version 23	08-09-2024 04:53:46 PM	testing input regs enabled lance input	Set Date/ Time
<input type="checkbox"/>		Version 22	08-09-2024 04:44:33 PM	testing input regs	Wireless Safety
<input type="checkbox"/>		Version 21	08-09-2024 04:40:36 PM	testing input regs	
<input type="checkbox"/>		Version 20	08-09-2024 04:20:45 PM	testing input regs	

Home **History** **Troubleshoot** **Settings** **User settings** **About** **System tools**

Activate
Edit
Delete
Compare
Export
Import
Set preset
Delete preset
Delete Meas.
Customer info
LAN settings
Set Date/ Time
Wireless Safety

Settings

- Click <Settings>
- The program with the light bulb is the active program
- Select the active program and click <Edit>

The screenshot shows the 'Settings' screen of a software application. The main area is a table with columns: Act, Version no, Created on, Comment, and Preset. The table is divided into sections: 'RemoveMe', 'Liberty Peoria', and 'EIP'. The 'RemoveMe' section contains two rows: 'Version 1' (active, indicated by a lightbulb icon) and 'Version 0'. The 'Liberty Peoria' section contains seven rows of versions. The 'EIP' section contains six rows of versions. The right side of the screen features a vertical sidebar with buttons for 'Activate', 'Edit' (which is highlighted with a red box and a cursor), 'Delete', 'Compare', 'Export', 'Import', 'Set preset', 'Delete preset', 'Delete Meas.', 'Customer info', 'LAN settings', 'Set Date/Time', and 'Wireless Safety'. The bottom of the screen has a navigation bar with icons for Home, History, Troubleshoot, Settings, User settings, About, and System tools. On the far right, there are icons for Electro-Nite and Log Out.

Act	Version no	Created on	Comment	Preset
<input type="checkbox"/>	Version 1	08-19-2024 08:58:00 AM	Remove_me	
<input type="checkbox"/>	Version 0	07-26-2024 01:38:12 PM	Offset 16	
Liberty Peoria				
<input type="checkbox"/>	Version 14	08-14-2024 01:33:43 PM	Testing New Display	
<input type="checkbox"/>	Version 13	08-14-2024 01:27:13 PM	Testing New Display	
<input type="checkbox"/>	Version 12	08-14-2024 01:01:04 PM	Testing New Display	
<input type="checkbox"/>	Version 11	08-14-2024 12:34:49 PM	Testing New Display	
<input type="checkbox"/>	Version 10	08-14-2024 12:27:14 PM	liberty eaf with eip reg	
<input type="checkbox"/>	Version 9	07-02-2024 04:18:07 PM	Liberty Peoria LMF - Conversion added telegrams for Alpha display	
<input type="checkbox"/>	Version 8	06-24-2024 02:09:10 PM	Liberty Peoria LMF - Conversion Config Regs with P1 Carb Selected	
EIP				
<input type="checkbox"/>	Version 25	08-09-2024 07:02:12 PM	testing input regs enabled lance input	
<input type="checkbox"/>	Version 24	08-09-2024 06:38:12 PM	testing input regs enabled lance input	
<input type="checkbox"/>	Version 23	08-09-2024 04:53:46 PM	testing input regs enabled lance input	
<input type="checkbox"/>	Version 22	08-09-2024 04:44:33 PM	testing input regs	
<input type="checkbox"/>	Version 21	08-09-2024 04:40:36 PM	testing input regs	
<input type="checkbox"/>	Version 20	08-09-2024 04:20:45 PM	testing input regs	

Settings Overview

- If the Profinet module is installed and configured correctly, the “Profinet” selection will be available in the “Communication” section under the “Available” Tab.
- Click the edit icon on the right side of the “Profinet” item in the list.



The screenshot shows the 'Settings list' and 'Settings version overview' sections. The 'Basic' section displays customer information (Heraeus Electro-Ni, Pawleys Island, GM Office), temperature units (F), station details (Station A: Name Station1, Station B: Name Station2, Input source: ADC 0/1, Location ID), and a 'Configure' button. The 'Communication' section lists available modules: EtherNet/IP, Profinet #1 (selected and highlighted with a red box and edit icon), Serial #1, Serial #2, TCP/IP client #1 (LAN), TCP/IP client #2 (LAN), and TCP/IP client #3 (LAN). The 'Applications' section shows configurations for Station A, Station1, Station B, and Station2 across various parameters like Oxygen, Slag Oxygen, Steel-Slag level, Temp-Carbon, and Carbon. The 'Advanced' section includes buttons for Telegrams, Checkmate, Equations, Wireless options, Bath level options, and Parameters list. The 'Comment' section contains the text 'ProfiNet1'. The bottom navigation bar includes Home, History, Troubleshoot, Settings, User settings, About, System tools, Presets, Electro-Nite, and Log Out buttons.

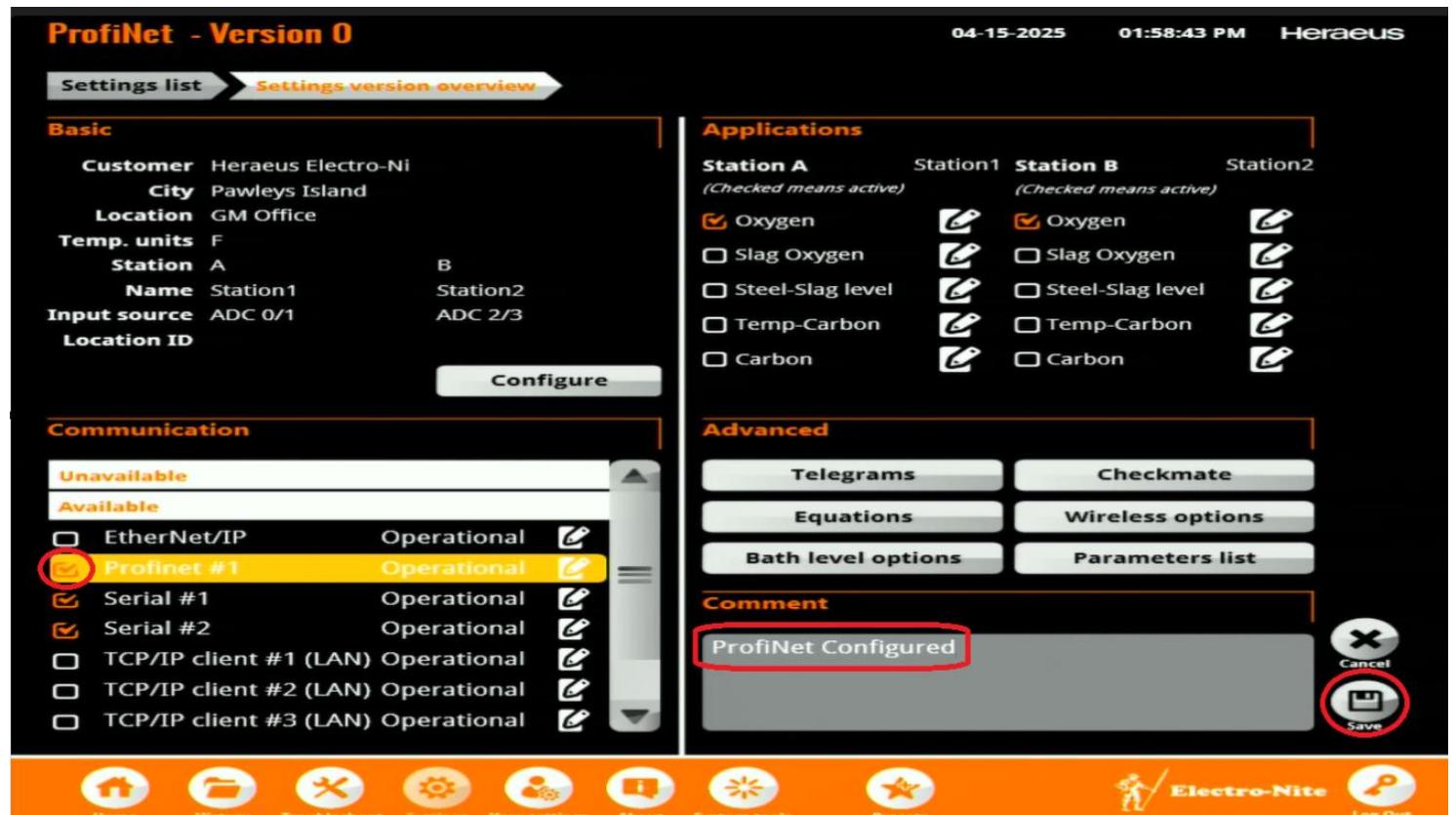
ProfiNet Communication

- Under the “ProfiNet Configuration” section, check the checkbox “Use Registers”.
- Select “High byte first” in the first dropdown combobox in the “Telegram” section.
- Select “Single precision Float” in the second dropdown combobox in the “Telegram” section.
- Click <Done> to save and exit when that is completed.



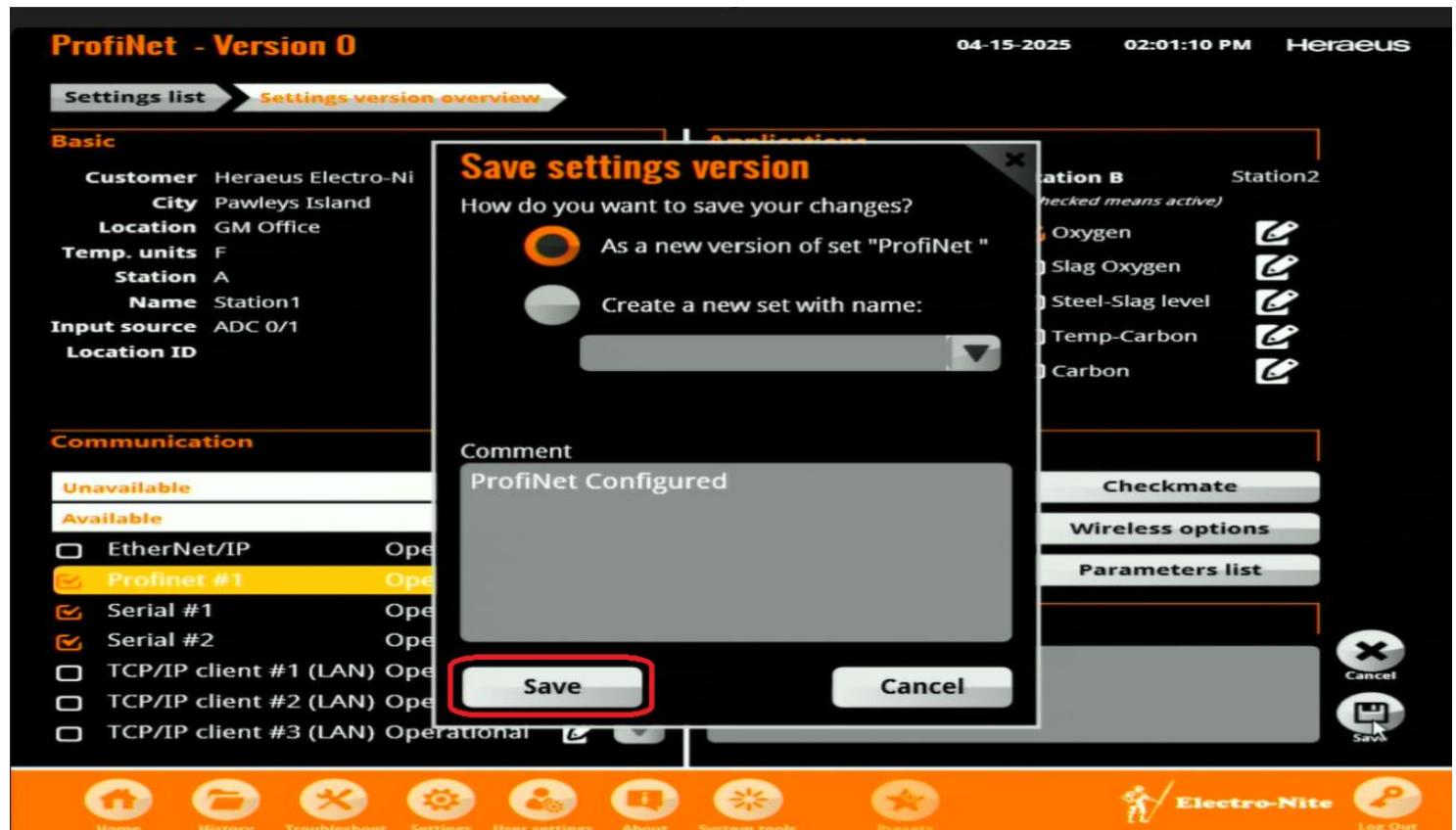
ProfiNet Activation

- Check the “Profinet” line item in the “Communication” section to activate it.
- Add comments to the “Comments” textbox to describe the changes made.
- Click <Save> to save the changes.



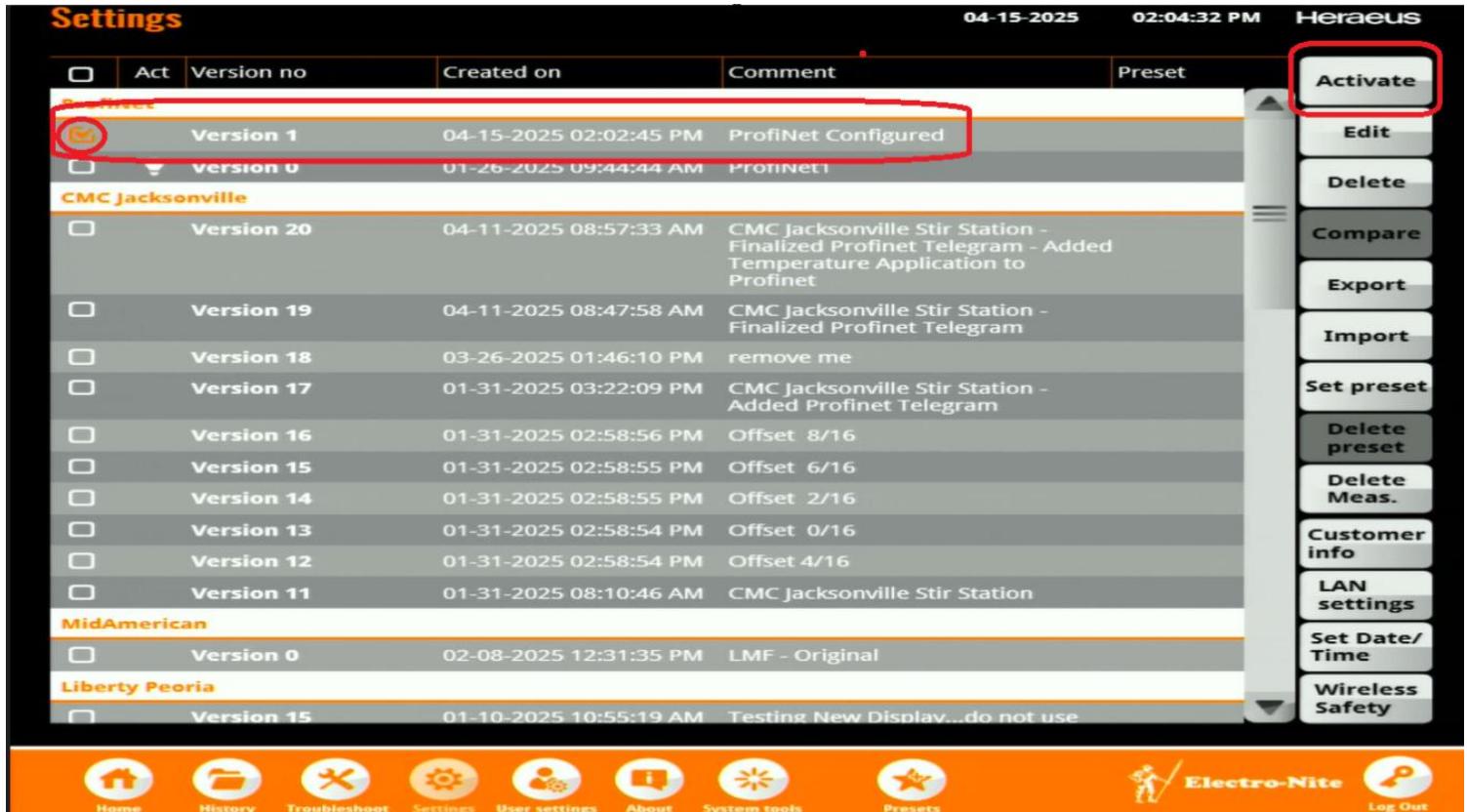
Save to Set

- Click <Save> to save the new program in the same set of programs as the program you started with.
- The original program will not be affected by this action.



Activating the New Program

- The program with the Profinet configuration has been saved but not activated.
- The current activated program is still the original program with the light bulb indicator displayed beside it.
- To activate the new program, check the checkbox on the new program and click the <Activate> button.
- This will activate the new program.



The screenshot shows a 'Settings' screen with a table of programs. The table has columns for 'Act' (checkbox), 'Version no', 'Created on', 'Comment', and 'Preset'. A red box highlights the 'Act' column header and the row for 'Version 1'. Another red box highlights the 'Activate' button in the top right corner of the screen. The table lists several versions from 'Version 0' to 'Version 15' under different site sections: 'Heraeus', 'CMC Jacksonville', 'MidAmerican', and 'Liberty Peoria'. The 'Heraeus' section has a sub-section for 'CMC Jacksonville'.

Act	Version no	Created on	Comment	Preset
<input checked="" type="checkbox"/>	Version 1	04-15-2025 02:02:45 PM	Profinet Configured	
<input type="checkbox"/>	version 0	01-26-2025 09:44:44 AM	Profinet	
CMC Jacksonville				
<input type="checkbox"/>	Version 20	04-11-2025 08:57:33 AM	CMC Jacksonville Stir Station - Finalized Profinet Telegram - Added Temperature Application to Profinet	
<input type="checkbox"/>	Version 19	04-11-2025 08:47:58 AM	CMC Jacksonville Stir Station - Finalized Profinet Telegram	
<input type="checkbox"/>	Version 18	03-26-2025 01:46:10 PM	remove me	
<input type="checkbox"/>	Version 17	01-31-2025 03:22:09 PM	CMC Jacksonville Stir Station - Added Profinet Telegram	
<input type="checkbox"/>	Version 16	01-31-2025 02:58:56 PM	Offset 8/16	
<input type="checkbox"/>	Version 15	01-31-2025 02:58:55 PM	Offset 6/16	
<input type="checkbox"/>	Version 14	01-31-2025 02:58:55 PM	Offset 2/16	
<input type="checkbox"/>	Version 13	01-31-2025 02:58:54 PM	Offset 0/16	
<input type="checkbox"/>	Version 12	01-31-2025 02:58:54 PM	Offset 4/16	
<input type="checkbox"/>	Version 11	01-31-2025 08:10:46 AM	CMC Jacksonville Stir Station	
MidAmerican				
<input type="checkbox"/>	Version 0	02-08-2025 12:31:35 PM	LMF - Original	
Liberty Peoria				
<input type="checkbox"/>	Version 15	01-10-2025 10:55:19 AM	Testing New Display...do not use	

04-15-2025 02:04:32 PM Heraeus

Activate

Edit

Delete

Compare

Export

Import

Set preset

Delete preset

Delete Meas.

Customer info

LAN settings

Set Date/ Time

Wireless Safety

Electro-Nite

Log Out

Home

History

Troubleshoot

Settings

User settings

About

System tools

Presets

Completion

- If the activation process is successful, the light bulb indicator will be present on the line item of the new program

Settings					04-15-2025 02:06:39 PM Heraeus
	Act	Version no	Created on	Comment	Preset
ProfiNet					
<input type="checkbox"/>	 Version 1	04-15-2025 02:02:45 PM	ProfiNet Configured		Activate
<input type="checkbox"/>	Version 0	01-26-2025 09:44:44 AM	ProfiNet1		Edit
CMC Jacksonville					
<input type="checkbox"/>	Version 20	04-11-2025 08:57:33 AM	CMC Jacksonville Stir Station - Finalized Profinet Telegram - Added Temperature Application to Profinet		Delete
<input type="checkbox"/>	Version 19	04-11-2025 08:47:58 AM	CMC Jacksonville Stir Station - Finalized Profinet Telegram		Compare
<input type="checkbox"/>	Version 18	03-26-2025 01:46:10 PM	remove me		Export
<input type="checkbox"/>	Version 17	01-31-2025 03:22:09 PM	CMC Jacksonville Stir Station - Added Profinet Telegram		Import
<input type="checkbox"/>	Version 16	01-31-2025 02:58:56 PM	Offset 8/16		Set preset
<input type="checkbox"/>	Version 15	01-31-2025 02:58:55 PM	Offset 6/16		Delete preset
<input type="checkbox"/>	Version 14	01-31-2025 02:58:55 PM	Offset 2/16		Delete Meas.
<input type="checkbox"/>	Version 13	01-31-2025 02:58:54 PM	Offset 0/16		Customer info
<input type="checkbox"/>	Version 12	01-31-2025 02:58:54 PM	Offset 4/16		LAN settings
<input type="checkbox"/>	Version 11	01-31-2025 08:10:46 AM	CMC Jacksonville Stir Station		Set Date/Time
MidAmerican					
<input type="checkbox"/>	Version 0	02-08-2025 12:31:35 PM	LMF - Original		Wireless Safety
Liberty Peoria					
<input type="checkbox"/>	Version 15	01-10-2025 10:55:19 AM	Testing New Display...do not use		
Home	History	Troubleshoot	Settings	User settings	About
System tools	Presets	 Electro-Nite	 Log Out		