

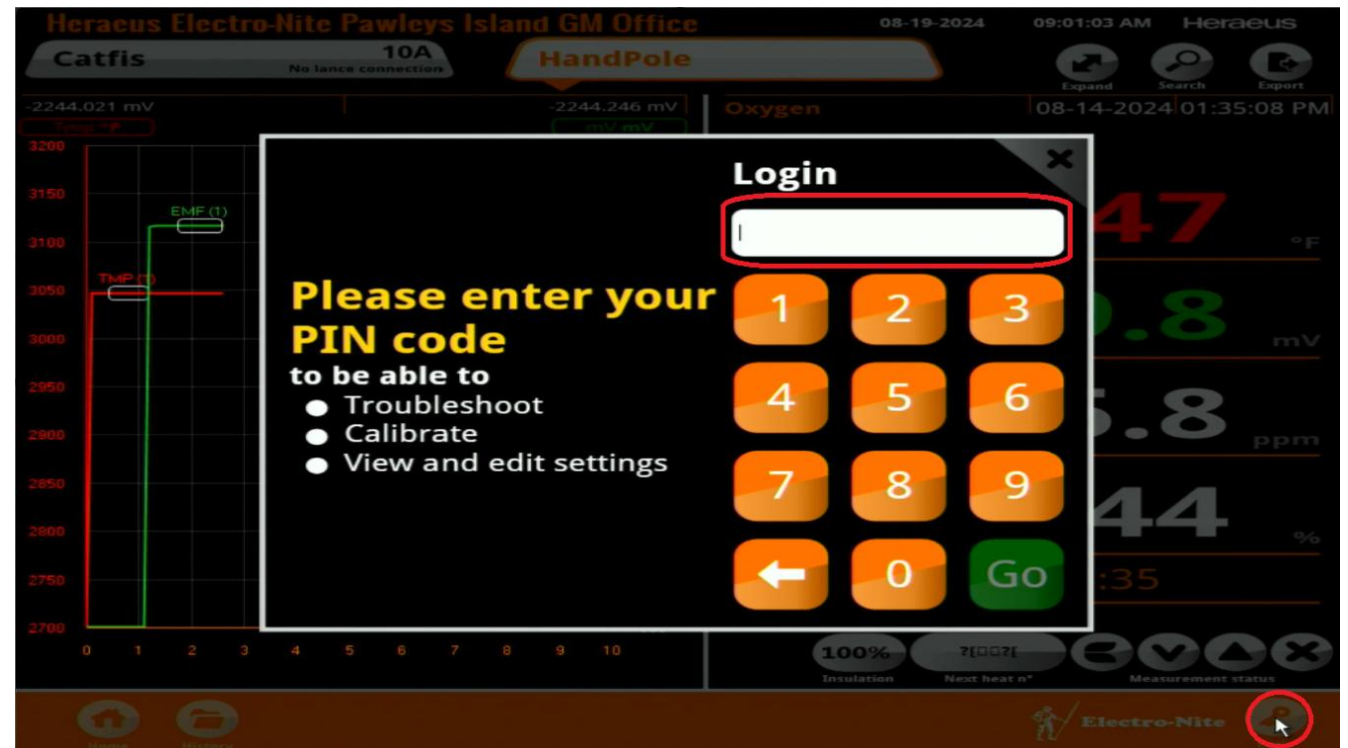
Set up SLS/IM2 for ProfiNet

Network

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

Log In

Log in in with “24816”.



Settings

Click <Settings>

Settings

08-19-202409:04:35 AMHeraeus

<input type="checkbox"/>	Act	Version no	Created on	Comment	Preset
RemoveMe					
<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 elp 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	

Activate

Edit

Delete

Compare

Export

Import

Set preset

Delete preset

Delete Meas.

Customer info

LAN settings

Set Date/Time

Wireless Safety

Home

History

Troubleshoot

Settings

User settings

About

System tools

Electro-Nite

Log Out

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' page of the Electro-Nite software. At the top, the title 'Settings' is on the left, and the date '08-19-2024', time '09:18:16 AM', and user 'Heraeus' are on the right. Below the header is a table with columns: 'Act' (checkbox), 'Version no', 'Created on', 'Comment', and 'Preset'. The table is divided into sections: 'RemoveMe', 'Liberty Peoria', and 'EIP'. In the 'RemoveMe' section, 'Version 1' is highlighted with a red box, and a light bulb icon in the 'Act' column is also circled in red. To the right of the table is a vertical sidebar with buttons: 'Activate', 'Edit' (circled in red), 'Delete', 'Compare', 'Export', 'Import', 'Set preset', 'Delete preset', 'Delete Meas.', 'Customer info', 'LAN settings', 'Set Date/Time', and 'Wireless Safety'. At the bottom is an orange navigation bar with icons for Home, History, Troubleshoot, Settings (active), User settings, About, and System tools, followed by the Electro-Nite logo and a Log Out button.

<input type="checkbox"/>	Act	Version no	Created on	Comment	Preset
RemoveMe					
<input checked="" 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.

ProfiNet - Version 0 04-15-2025 01:51:04 PM Heraeus

Settings list Settings version overview

Basic

Customer	Heraeus Electro-Ni	
City	Pawleys Island	
Location	GM Office	
Temp. units	F	
Station	A	B
Name	Station1	Station2
Input source	ADC 0/1	ADC 2/3
Location ID		

Configure

Communication

Unavailable

Available

<input type="checkbox"/>	EtherNet/IP	Operational	
<input checked="" type="checkbox"/>	Profinet #1	Operational	
<input checked="" type="checkbox"/>	Serial #1	Operational	
<input checked="" type="checkbox"/>	Serial #2	Operational	
<input type="checkbox"/>	TCP/IP client #1 (LAN)	Operational	
<input type="checkbox"/>	TCP/IP client #2 (LAN)	Operational	
<input type="checkbox"/>	TCP/IP client #3 (LAN)	Operational	

Applications

Station A (Checked means active)	Station1	Station B (Checked means active)	Station2
<input checked="" type="checkbox"/> Oxygen		<input checked="" type="checkbox"/> Oxygen	
<input type="checkbox"/> Slag Oxygen		<input type="checkbox"/> Slag Oxygen	
<input type="checkbox"/> Steel-Slag level		<input type="checkbox"/> Steel-Slag level	
<input type="checkbox"/> Temp-Carbon		<input type="checkbox"/> Temp-Carbon	
<input type="checkbox"/> Carbon		<input type="checkbox"/> Carbon	

Advanced

Telegrams Checkmate

Equations Wireless options

Bath level options Parameters list

Comment

ProfiNet1

Cancel Save

Home History Troubleshoot Settings User settings About System tools Presets Electro-Nite Log Out

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.

ProfiNet - Version 0 04-15-2025 01:58:43 PM Heraeus

Settings list Settings version overview

Basic

Customer Heraeus Electro-NI
City Pawleys Island
Location GM Office
Temp. units F
Station A B
Name Station1 Station2
Input source ADC 0/1 ADC 2/3
Location ID

Configure

Communication

Unavailable

Available

<input type="checkbox"/>	EtherNet/IP	Operational	
<input checked="" type="checkbox"/>	Profinet #1	Operational	
<input checked="" type="checkbox"/>	Serial #1	Operational	
<input checked="" type="checkbox"/>	Serial #2	Operational	
<input type="checkbox"/>	TCP/IP client #1 (LAN)	Operational	
<input type="checkbox"/>	TCP/IP client #2 (LAN)	Operational	
<input type="checkbox"/>	TCP/IP client #3 (LAN)	Operational	

Applications

Station A (Checked means active)	Station1	Station B (Checked means active)	Station2
<input checked="" type="checkbox"/> Oxygen		<input checked="" type="checkbox"/> Oxygen	
<input type="checkbox"/> Slag Oxygen		<input type="checkbox"/> Slag Oxygen	
<input type="checkbox"/> Steel-Slag level		<input type="checkbox"/> Steel-Slag level	
<input type="checkbox"/> Temp-Carbon		<input type="checkbox"/> Temp-Carbon	
<input type="checkbox"/> Carbon		<input type="checkbox"/> Carbon	

Advanced

Telegrams Checkmate

Equations Wireless options

Bath level options Parameters list

Comment

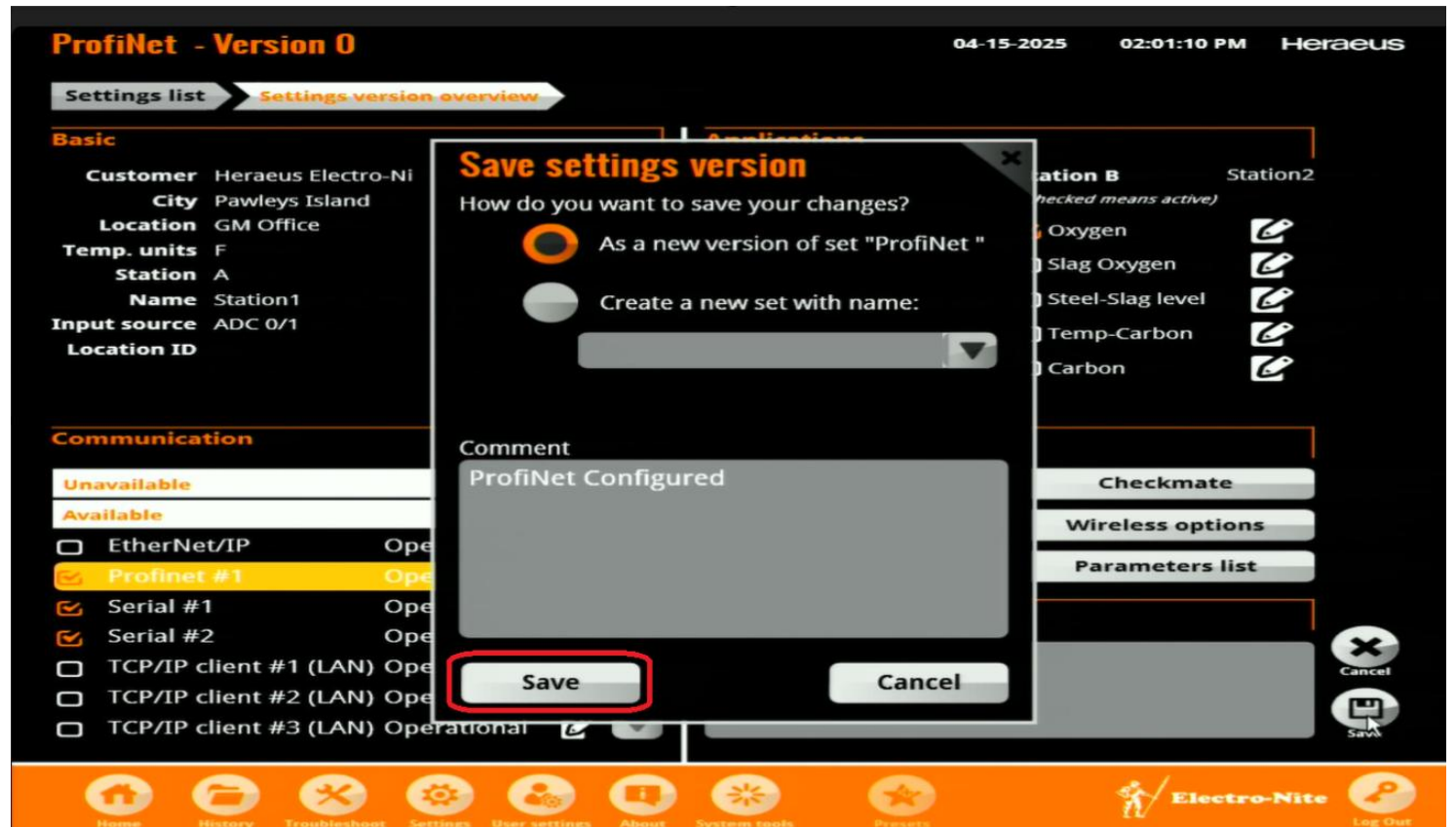
ProfiNet Configured

Cancel Save

Home History Troubleshoot Settings User settings About System tools Presets Electro-Nite Log Out

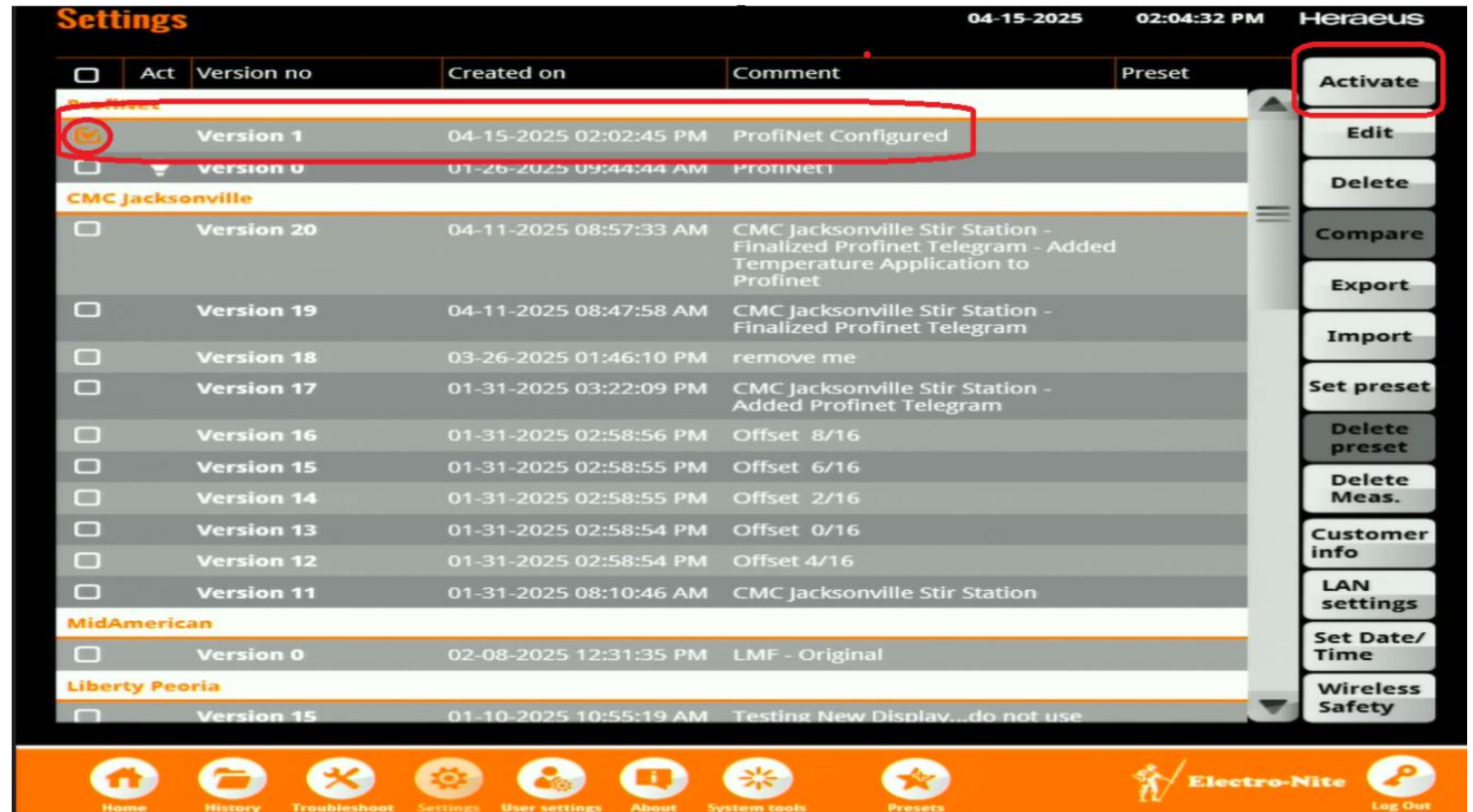
Save to Set

- 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.



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

<input type="checkbox"/>	Act	Version no	Created on	Comment	Preset
ProfiNet					
<input 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	ProfiNet1	
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	

Right-hand sidebar buttons: Activate, Edit, Delete, Compare, Export, Import, Set preset, Delete preset, Delete Meas., Customer info, LAN settings, Set Date/Time, Wireless Safety

Bottom navigation bar: Home, History, Troubleshoot, Settings, User settings, About, System tools, Presets, Electro-Nite, Log Out