

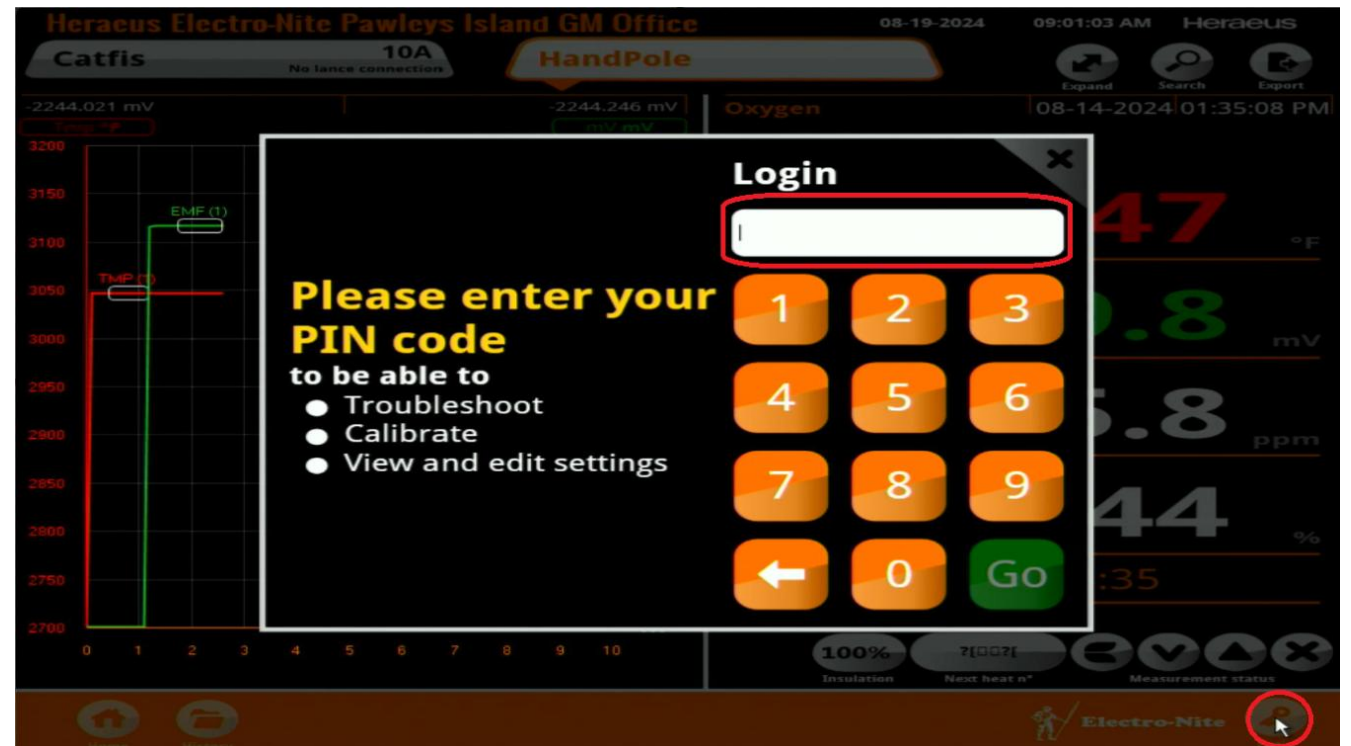
Set up SLS/IM2 for ProfiNet

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>

The screenshot displays the Settings application interface. At the top, the title 'Settings' is shown in orange, along with the date '08-19-2024', time '09:04:35 AM', and user name 'Heraeus'. Below the title is a table with columns: Act, Version no, Created on, Comment, and Preset. The table is divided into sections: 'RemoveMe', 'Liberty Peoria', and 'EIP'. Each row in the table has a checkbox in the 'Act' column. To the right of the table is a vertical sidebar with buttons for 'Activate', 'Edit', 'Delete', 'Compare', 'Export', 'Import', 'Set preset', 'Delete preset', 'Delete Meas.', 'Customer info', 'LAN settings', 'Set Date/Time', and 'Wireless Safety'. At the bottom of the screen is a navigation bar with icons for Home, History, Troubleshoot, Settings (highlighted with a red circle), User settings, About, and System tools. The Electro-Nite logo and a Log Out button are also present in the bottom right corner.

| 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 | |

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' application interface. At the top, the title 'Settings' is displayed in orange, along with the date '08-19-2024', time '09:18:16 AM', and the user 'Heraeus'. Below the title 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 has two rows: 'Version 1' (with a light bulb icon and a red box around it) and 'Version 0'. The 'Liberty Peoria' section has seven rows, and the 'EIP' section has five rows. To the right of the table is a vertical menu with buttons: 'Activate', 'Edit', 'Delete', 'Compare', 'Export', 'Import', 'Set preset', 'Delete preset', 'Delete Meas.', 'Customer info', 'LAN settings', 'Set Date/Time', and 'Wireless Safety'. The 'Edit' button is circled in red. At the bottom of the screen is a navigation bar with icons for 'Home', 'History', 'Troubleshoot', 'Settings', 'User settings', 'About', 'System tools', 'Electro-Nite', and 'Log Out'.

| <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.

The screenshot displays the 'ProfiNet - Version 0' settings interface. The top navigation bar includes 'Settings list' and 'Settings version overview'. The 'Basic' section shows customer information for Heraeus Electro-Ni. The 'Communication' section is divided into 'Unavailable' and 'Available' tabs. Under the 'Available' tab, a list of communication options is shown, with 'Profinet #1' selected and highlighted by a red box. The 'Applications' section shows settings for Station A and Station B, including checkboxes for Oxygen, Slag Oxygen, Steel-Slag level, Temp-Carbon, and Carbon. The 'Advanced' section contains buttons for Telegrams, Checkmate, Equations, Wireless options, Bath level options, and Parameters list. A 'Comment' field at the bottom contains the text 'ProfiNet1'. The bottom navigation bar includes icons for Home, History, Troubleshoot, Settings, User settings, About, System tools, Presets, and Log Out.

| 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 | | |

| Station A | Station1 | Station B | Station2 |
|--|--------------------------|--|--------------------------|
| <input checked="" type="checkbox"/> Oxygen | <input type="checkbox"/> | <input checked="" type="checkbox"/> Oxygen | <input type="checkbox"/> |
| <input type="checkbox"/> Slag Oxygen | <input type="checkbox"/> | <input type="checkbox"/> Slag Oxygen | <input type="checkbox"/> |
| <input type="checkbox"/> Steel-Slag level | <input type="checkbox"/> | <input type="checkbox"/> Steel-Slag level | <input type="checkbox"/> |
| <input type="checkbox"/> Temp-Carbon | <input type="checkbox"/> | <input type="checkbox"/> Temp-Carbon | <input type="checkbox"/> |
| <input type="checkbox"/> Carbon | <input type="checkbox"/> | <input type="checkbox"/> Carbon | <input type="checkbox"/> |

| Communication | Status |
|---|-------------|
| 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 |

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

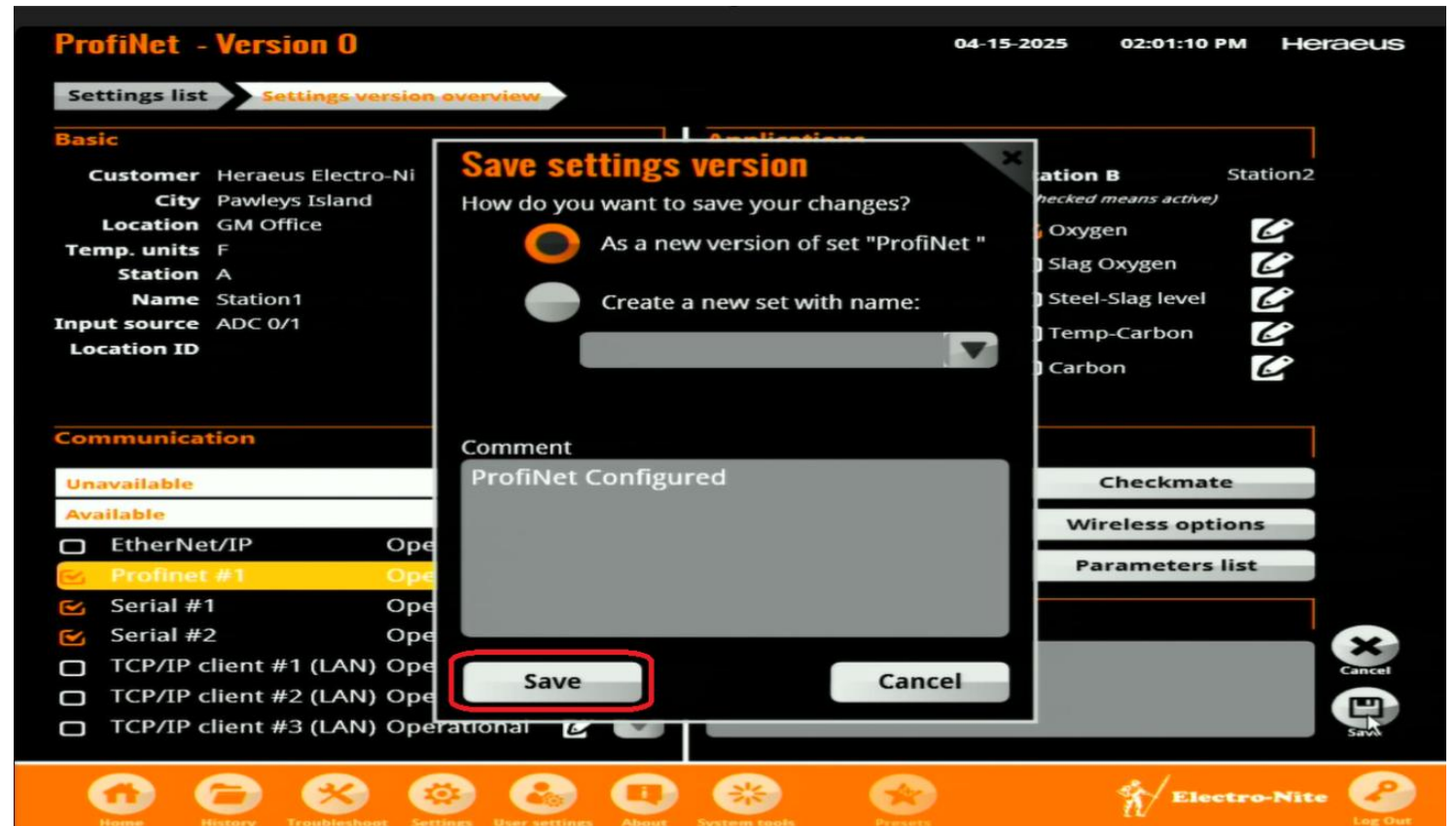
- Check the “Profinet” line item in the “Communication” section to activate it.
- Add comments to the “Comments” textbox to describe the changes made.
- Click <Save> to save the changes.

The screenshot displays the 'ProfiNet - Version 0' configuration interface. The top bar shows the date '04-15-2025', time '01:58:43 PM', and user 'Heraeus'. The interface is divided into several sections:

- Settings list:** 'Settings version overview' is selected.
- 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. A 'Configure' button is present.
- Communication:** A list of communication options is shown. 'Profinet #1' is checked and highlighted in yellow. Other options include EtherNet/IP, Serial #1, Serial #2, and three TCP/IP client options (LAN).
- Applications:** Configuration for Station A (Station1) and Station B (Station2). Both stations have 'Oxygen' checked. Other options include Slag Oxygen, Steel-Slag level, Temp-Carbon, and Carbon.
- Advanced:** Buttons for 'Telegrams', 'Checkmate', 'Equations', 'Wireless options', 'Bath level options', and 'Parameters list'.
- Comment:** A text box containing the comment 'ProfiNet Configured'.
- Bottom Bar:** Navigation icons for Home, History, Troubleshoot, Settings, User settings, About, System tools, Presets, and Log Out. The Electro-Nite logo is also present.

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 displays the 'Settings' application interface. At the top, the title 'Settings' is on the left, and the date '04-15-2025', time '02:04:32 PM', and user name 'Heraeus' are on the right. Below the header is a table with columns: 'Act', 'Version no', 'Created on', 'Comment', and 'Preset'. The table lists several program versions, including 'Version 1' (04-15-2025 02:02:45 PM, ProfiNet Configured) and 'Version 0' (01-26-2025 09:44:44 AM, PROFINET). The 'Version 1' row is highlighted with a red box, and its checkbox is checked. To the right of the table is a vertical menu with buttons: 'Activate', 'Edit', 'Delete', 'Compare', 'Export', 'Import', 'Set preset', 'Delete preset', 'Delete Meas.', 'Customer info', 'LAN settings', 'Set Date/Time', and 'Wireless Safety'. The 'Activate' button is also highlighted with a red box. At the bottom, there is a navigation bar with icons for Home, History, Troubleshoot, Settings, User settings, About, System tools, Presets, and Log Out, along with the 'Electro-Nite' logo.

| 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 Displav...do not use | |

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 | |

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 Presets Electro-Nite Log Out