TraceNet™ Sync

CONTROLLER CONFIGURATION TOOL

QUICK START GUIDE

TraceNet™ Sync QUICK START GUIDE

Tool Bar
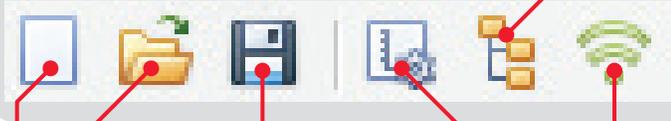
Save: Saves changes to the configuration file open for editing. If the file has not been saved before, the user will be prompted for a filename and location.

Open: Presents a standard "Open File" dialog box, allowing for the selection of an existing Thermon Configuration file (*.thrcfg) file to be opened for editing.

New: Opens a new configuration file with default values.

Networking View: Presents the panel used for configuring the network communications for the control panel.

TraceNet Sync - [untitled]*

File   Help

Global Settings

Controller Type	TraceNet Genesis	Startup Delay	0	min
Panel Name	Panel Name	High Current Alarm Delay	0	min
Ground Fault Samples Before Trip	6	Temperature Alarm Delay	4	min
Temperature Units	°C	Self Test Interval	24	h
Max Current With Heater Off	0.5 A	Wireless RTD Fault Timeout	240	s

Communications

IP Address	192.168.1.101
DH3 IP Address	192.168.1.102
DH3 IP Address	192.168.1.103
Subnet Mask	255.255.255.0
Gateway IP	192.168.1.100

Designer View: Presents a grid allowing the assignment of settings and drawings to each circuit in the controller. If the file was created in CompuTrace, fields determined from design calculations will be populated from the results for each circuit design. All other fields will be populated with default values.

TraceNet Sync - [untitled]*

File   Help

Global Settings

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Temperature Units	°C	Self Test Interval	24	h
Max Current With Heater Off	0.5 A	Wireless RTD Fault Timeout	240	s

Assign RTDs To Circuit

Select sensors to assign to the circuit. Each sensor is represented by its type, CAN address and CAN sub address.

☐ RTD: 21 - 1   ☐ RTD: 21 - 2   ☐ RTD: 21 - 3   ☐ RTD: 21 - 4   ☐ RTD: 21 - 5   ☐ RTD: 21 - 6

OK   Cancel

Add Circuit   Remove Circuit

ISOs Count	Design Reference	Process Tag	Trip On High Temperature	Trip On High Current	Trip On High Ground Current	Sensing Type	Relay Type	Control Type	Power At RTD Fault (%)	Power Clamp (%)	Nominal Voltage (V)	Control RTDs
1						Line Sensing	Solid State	On/Off	0.0	100.0	120	
2						Line Sensing	Solid State	On/Off	0.0	100.0	120	
3						Line					120	
4	0	ET-112	No	Yes	Yes	Line					120	
5	0	ET-133	No	Yes	Yes	Line					120	
6	0	Add	No	Yes	Yes	Line Sensing	Solid State	On/Off	0.0	100.0	120	Assign RTD To Circuit

Circuit

Right-click on the value in the *ISOs Count* column and select *Add* to access a navigation window and assign an ISO image to that circuit.

Right-click on the value in the *Control RTDs* column and select *Assign RTDs To Circuit* to see and assign available RTDs to that circuit.

Hardware View: Presents the screen containing 3 tabs for assigning CAN Addresses associated with Devices, Circuits and Sensors.

DTMs address blocks of 6 in the same way the DCM addresses 6 circuits. For this reason, clicking the *Add Sensor* button on the *Sensor* tab with RTD selected will add 6 RTDs. Note: clicking the *Add Sensor* button with the wireless RTD (OWRTD) selected will add only one sensor at a time. Adding a wireless RTD on the *Sensor* tab will automatically add a DH3 on the *Devices* tab. Each DH3 can address up to 63 Wireless RTDs.

The CAN addresses are subdivided per device, and are allocated per the ranges indicated in the table to the right.

CAN Addresses	
DCM's	01 : 20
DTM's	21 : 80
IOM's	81 : 99
DH3's	101 : 102

TraceNet Sync - [untitled]*

File   Help

Global Settings

Controller Type	TraceNet Genesis
Panel Name	Panel Name
Ground Fault Samples Before Trip	6
Temperature Units	°C
Max Current With Heater Off	0.5 A

Startup Delay	0 min
High Current Alarm Delay	0 min
Temperature Alarm Delay	4 min
Self Test Interval	24 h
Wireless RTD Fault Timeout	240 s

DCM   ▾   Add Device   Remove Device

	Device Type	CAN Address
1	DCM	01
2	DTM	21

Devices Circuit Sensor

Add Circuit   Remove Circuit

	Circuit Name	CAN Address	CAN Sub Address
1	0001	01	1
2	0002	01	2
3	0003	01	3
4	0004	01	4
5	0005	01	5
6	0006	01	6

RTD   ▾   Add Sensor   Remove Sensor

	Sensor Type	CAN Address	CAN Sub Address	Ambient
1	RTD	21	1	No
2	RTD	21	2	No
3	RTD	21	3	No
4	RTD	21	4	No
5	RTD	21	5	No
6	RTD	21	6	No

To Import And Multiple ISO Images And Assign To Circuits

From any view (Designer, Networking, or Hardware) select *File* and *Import Images*. The *Import Images* window will open.

TraceNet Sync - [untitled]*

File   Help
- New
- Open
- Save
- Save As
- Import Images
- Export to Excel
- Exit

Select *Add ISO* to open a navigation window, allowing the selection of multiple ISO image files.

- or-

Select *Auto Assign* to automatically assign drawings to designs if they have the same name.

Import Images

ISOName
ET-101-01.pdf
ET-101-02.pdf
ET-107-01.pdf
ET-108-01.pdf
ET-112-01.pdf
ET-133-01.pdf
ET-146-01.pdf

	Design Reference	Process Tag	ISO Name
▷ 1	ET-101		
2	ET-107		
3	ET-108		
4	ET-112		
5	ET-133		
6	ET-146		

Drag and drop ISO image files to the appropriate circuit.

Add ISO   Auto Assign   Apply   Cancel

Select *Apply* to save the ISO assignments.

Import Images*

ISOName

	Design Reference	Process Tag	ISO Name
▷ 1	ET-101		ET-101-01 ET-101-02
2	ET-107		ET-107-01
3	ET-108		ET-108-01
4	ET-112		ET-112-01
5	ET-133		ET-133-01
6	ET-146		ET-146-01

Add ISO   Auto Assign   Apply   Cancel

To Import the *.thrcfg File Into Genesis Panels

Copy the *.thrcfg to a suitable USB drive. The drive should be USB 3.0 or higher and formatted as "FAT32" with a single MBR partition. The file must be located in the root directory of the USB drive.

Insert the drive into the back of the controller.
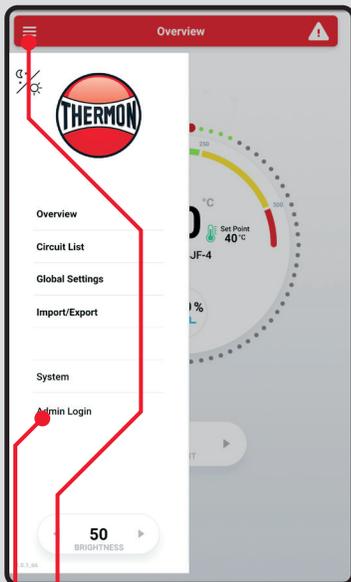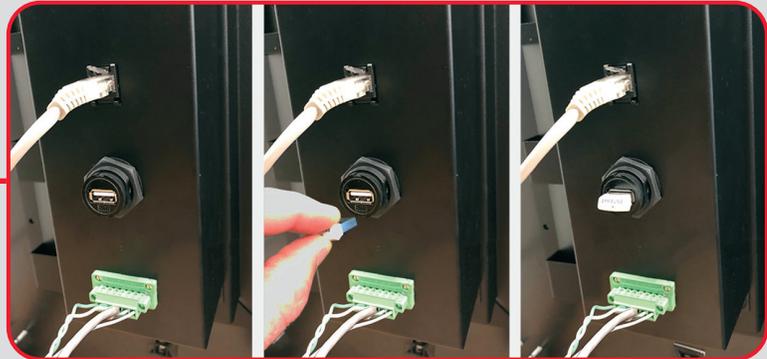
Navigate to the Circuit View screen and tap on the three bars in the upper left corner ("Hamburger Menu"). Select *Admin Login* or *System* to bring up the login prompt. Log in to the controller as Administrator.
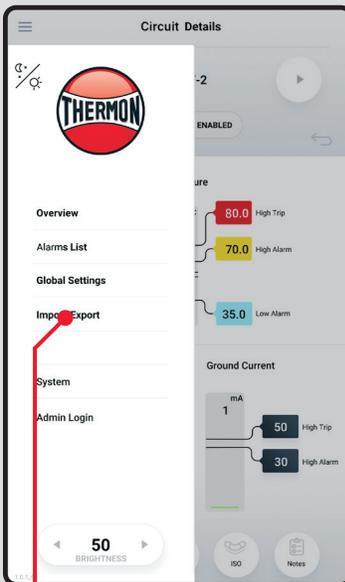
Using the "Hamburger Menu" select *Import/Export*.

Select the .thrcfg file you wish to import.