



Thermon Egis™ Platform **OPERATING MANUAL**

TEP0284-0226 v1.0

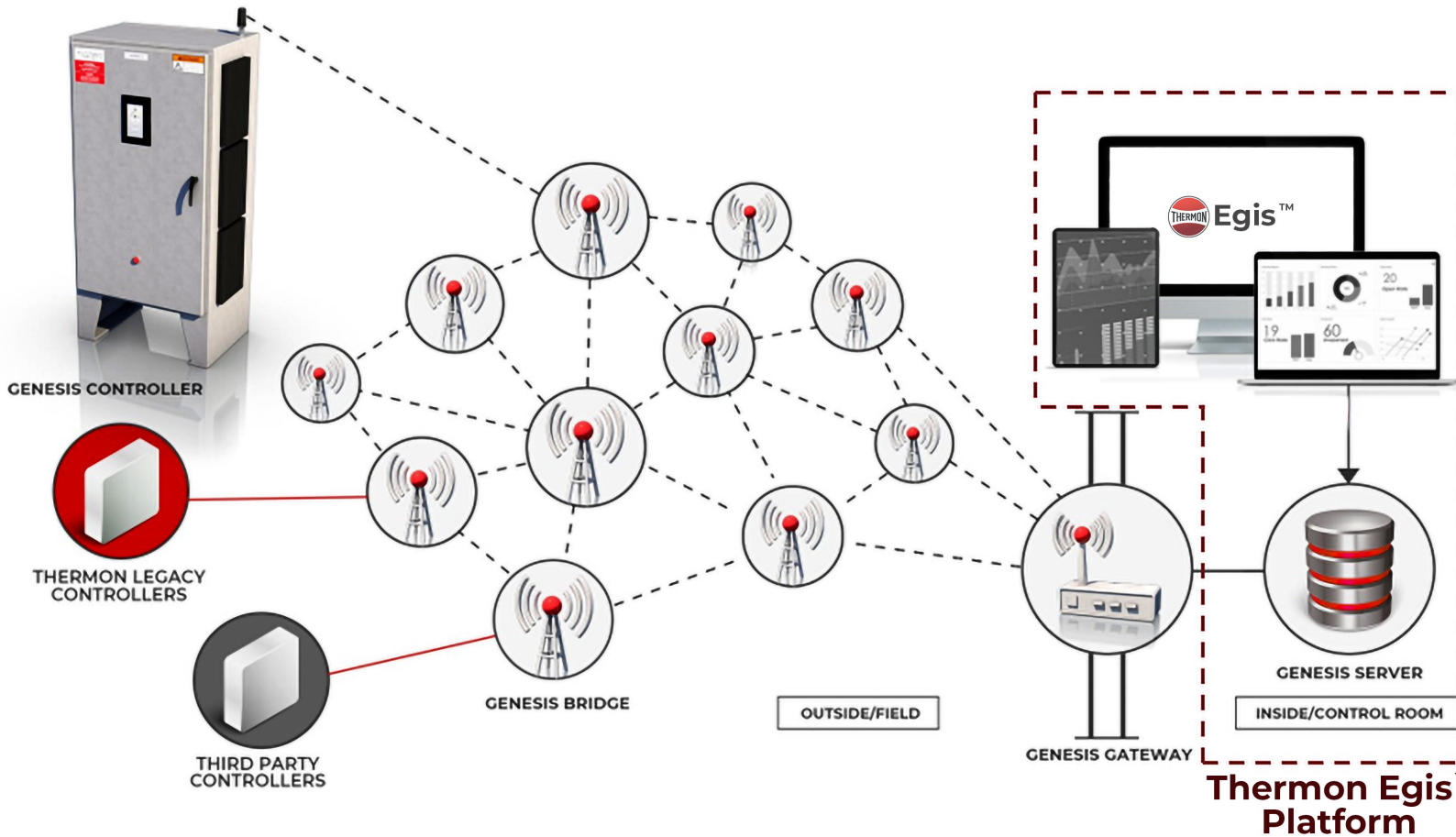
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INTRODUCTION

Thermon Genesis Network & Egis™ Platform



Thermon's **Genesis Network** is an advanced industrial platform designed to provide centralized control, monitoring, and data management for the industrial heat trace infrastructure.

Within this network, Thermon's **Egis™** Platform serves as the integrated software solution that combines both the **secure backend server** and the **browser-based user interface** into a single, unified platform.



Genesis Network & Egis Platform

Genesis Network Panels: With Thermon Controllers (TC1818, TCM18, Genesis Controller)

Genesis Duo(s): Dual-circuit controllers for flexible deployment

3rd Party Control Panels: Integrated for unified monitoring

Genesis Bridges: Connect control panels to the mesh network

Genesis Gateway: Central hub for communication between control room and field devices

Egis Platform:

- Genesis Server (data aggregation & management)
- Browser-Based UI (real-time access & control)

The Egis Platform is the integrated backend platform within Thermon's Genesis Network architecture. It combines two essential components to deliver secure, centralized control and monitoring:

Genesis Server

Acts as the centralized data processing and analytics engine. It manages communication with connected devices, stores operational data, and provides the foundation for system intelligence and analytics.

Browser-Based User Interface

Offers an intuitive, web-accessible interface for end users. Through this UI, users can view dashboards, monitor alarms, configure devices, and analyze historical data—all without installing additional software.



INSTALLATION & SETUP

Egis Platform

SYSTEM REQUIREMENTS

Supported OPERATING SYSTEM	Microsoft Windows Server 2019 Standard (recommended)
Supported DATABASE	Microsoft SQL Server 2019 (recommended) Microsoft SQL Server 2017 Microsoft SQL Server 2016 R2
Supported BROWSERS	Microsoft Edge, Google Chrome, Firefox, Safari
HARDWARE	<ul style="list-style-type: none">• 1.4 GHz or faster processor (quad-core or better) (<i>2+GHz, 8 cores recommended</i>)• <i>32GB recommended</i>• Hard disk space: Minimum of 50 GB; typical installations require 250GB+ on the database server, depending on the number circuits installed and how long history is required to be retained.



Egis Platform

ADDITIONAL REQUIREMENTS

- ❑ Microsoft IIS (SSL Certificate – recommended)
- ❑ TCP/IP PORTS (typical)
 - Port 443 (https browser interfaces) (Certificate required)
 - Port 80 (redirect to 443)
 - Port 1883 (connection to Gateway)
 - Port 1433* (MS SQL server connections)
 - Port 5672 (AMQP for broker not colocated on same machine as Genesis Server)
 - For TLS/SSL encrypted communication to Genesis Gateway:
 - Port 8883 (Secure MQTT)
 - Port 5671 (Secure AMQP for broker not colocated)
 - UDP port 123

*Only required if running MS SQL Server on a separate server



Egis Platform

SOFTWARE DOWNLOAD & INSTALLATION

- ❑ Download the software from [Software Download | Thermon | Industrial Heating Solutions](#)
- ❑ Refer TEP0286 Thermon Egis™ Installation Guide



LOGIN

Login Screen

The login screen is the entry point to the Egis User interface. It ensures secure access for authorized users only.


Overview

The login screen includes:

- **Username Field:** Enter your username.
- **Password Field:** Enter your password.
- **Log In Button:** Click to authenticate and access the Egis dashboard.

Important Notes

- Keep your credentials confidential.
- Passwords are case-sensitive.
- If you forget your password, contact your system administrator.



The screenshot shows a login interface for Theron EGIS. On the left side, there is a logo consisting of a red circle with a white 'T' and the text 'THERMON EGIS' next to it. On the right side, there is a white rectangular box containing the login form. The form has two input fields: 'Username' with the text 'admin' and 'Password' with masked characters '*****'. Below the password field is a blue button labeled 'Log In'.



Login Screen

Important Notes

- For initial setup or first-time access, use the following default credentials:
 - **Username:** admin
 - **Password:** abc123
- **Change the default password immediately after your first login to maintain system security.**
- Please ensure the following while setting up the new password
 - Total 6 characters
 - at least one capital letter
 - at least one number
 - at least one Symbol





The screenshot shows a login interface for ThermoN EGIS. On the left side, the logo consists of a red circle with a white globe icon and the text 'THERMON EGIS'. On the right side, there is a white rectangular login form. The form has two input fields: 'Username' with the text 'admin' and 'Password' with masked characters '.....'. Below the password field is a dark blue button labeled 'Log In'.



Changing Password

The screenshot shows the THERMON EGIS User Management interface. The top navigation bar includes 'Alarms', 'Devices', 'Settings' (highlighted with a red '1'), and 'Log Out'. The left sidebar contains 'General Settings', 'My Account' (highlighted with a red '2'), 'User Management', 'Role Management', 'Network Health', and 'License'. The main content area is titled 'User Management' and features a search bar and a table of users.

Name ↓	Username ↓	Email ↓	Role ↓	Actions
Genesis Server Admin	admin	-	Admin	 

Steps

1. Go to the 'Settings' tab
2. Click on 'My Account' under 'Actions'
3. Select 'Reset Password' tab
4. Update the password and click 'Update'

The screenshot shows the 'My Account' page with the 'Reset Password' tab selected (highlighted with a red '3'). The form includes fields for 'Current Password', 'New Password', and 'Confirm New Password'. An 'Update' button is at the bottom, highlighted with a red '4'.



ALARMS DASHBOARD

Alarms Dashboard – Key Features

1. Date Range Selection

- Allows users to filter alarms by a specific time-period.

2. Category-Based Filtering

- Filter alarms by type, status and location.

3. Alarm Timestamp

- Displays when each alarm was created or last updated.

4. Action

- Quick option to acknowledge alarms individually from the dashboard.

5. Centralized Alarm View

- Consolidated list of alarms for easy monitoring and management.

6. Navigation to Alarm Details

- Clickable link from 'Alarm Type' column to view detailed information about each alarm.

7. Navigation to Circuit Details

- Clickable link from 'Device' column to view detailed information about circuit tied to the alarm.

8. Download Alarm Data

- Allows exporting alarm information for analysis or record-keeping as a csv file.

9. Bulk Acknowledge Alarms

- Enables acknowledging multiple alarms at once for efficiency by selecting checkboxes associated with alarms.

10. # of Lock Out/Tag Out Devices

- Displays the count of devices that are locked out or tagged out for safety.

11. Notes

- Option to add notes to alarms.

12. Total Alarms

- Shows the total alarms at any given time



Alarms Dashboard – Key Features

THERMON EGIS Alarms **5** Devices Settings Log Out

Showing 24 of 24 alarms

Filters

Alarm Type **2**

Alarm Status **2**

Location

Date Range

Start: mm/dd/yyyy **1**

End: mm/dd/yyyy **1**

Reset

Alarm Type	Reading	Device	Created At	Updated At	Actions
6 Comm Error	-	7 DCM-46CE-CKT12-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT11-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:01 PM	✓
Comm Error	-	DCM-46CE-CKT10-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:00 PM	✓
Comm Error	-	DCM-46CE-CKT9-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:59 PM	✓
Comm Error	-	DCM-46CE-CKT8-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:58 PM	✓
Comm Error	-	DCM-46CE-CKT7-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:58 PM	✓
Comm Error	-	DCM-C2A5-CKT6-SPARE	9/2/2025, 3:05:08 PM	9/15/2025, 8:20:57 AM	✓
Comm Error	-	DCM-C2A5-CKT5-SPARE	9/2/2025, 3:05:08 PM	9/15/2025, 8:20:54 AM	✓
Comm Error	-	DCM-C2A5-CKT4-SPARE	9/2/2025, 3:05:08 PM	9/12/2025, 5:44:01 PM	✓
Comm Error	-	DCM-C2A5-CKT3-SPARE	9/2/2025, 3:05:08 PM	9/8/2025, 8:57:23 AM	✓
Comm Error	-	DCM-C2A5-CKT2-SPARE	9/2/2025, 3:05:08 PM	9/4/2025, 10:43:07 AM	✓
Low Current Alarm	0.03A	TCM18-CKT3-SPARE	9/3/2025, 11:28:54 AM	9/3/2025, 11:28:54 AM	✓
Comm Error	-	DCM-C2A5-CKT1-SPARE	9/2/2025, 3:05:08 PM	9/3/2025, 10:42:25 AM	✓
Low Current Alarm	0.03A	TCM18-CKT1-SPARE	9/3/2025, 10:17:31 AM	9/3/2025, 10:17:31 AM	✓
Temperature Fault	618.4°C	TCM18-CKT3-SPARE	9/2/2025, 1:01:33 PM	9/2/2025, 1:01:34 PM	✓
Temperature Fault	618.4°C	TCM18-CKT4-SPARE	9/2/2025, 1:01:32 PM	9/2/2025, 1:01:32 PM	✓
Temperature Fault	618.4°C	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:31 PM	✓
Temperature Fault	618.4°C	TCM18-CKT5-SPARE	9/2/2025, 1:01:30 PM	9/2/2025, 1:01:30 PM	✓
Low Current Alarm	0A	TCM18-CKT4-SPARE	9/2/2025, 1:01:29 PM	9/2/2025, 1:01:29 PM	✓
Low Current Alarm	0A	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:28 PM	✓
Temperature Fault	618.4°C	TCM18-CKT1-SPARE	9/2/2025, 1:00:46 PM	9/2/2025, 1:00:46 PM	✓
High Ground Current Trip	-	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Temperature Fault	618.4°C	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓



Alarms Dashboard – Key Features

The screenshot displays the THERMON EGIS Alarms Dashboard. The interface includes a top navigation bar with 'Alarms', 'Devices', 'Settings', and 'Log Out' options. On the left, there is a 'Filters' sidebar with sections for 'Alarm Type', 'Alarm Status', 'Location', and 'Date Range'. The main area is a table of alarm events. A red box in the top right corner indicates 'Showing 24 of 24 alarms'. Four red callouts (8, 9, 10, 11) point to specific features in the table: callout 8 points to the 'Comm Error' status icon, callout 9 points to the 'Comm Error' text, callout 10 points to the 'Device' column, and callout 11 points to the 'Created At' column. Callout 12 points to the 'Showing 24 of 24 alarms' notification.

Alarm Type	Reading	Device	Created At	Updated At	Actions
Comm Error	-	DCM-46CE-CKT12-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT11-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:01 PM	✓
Comm Error	-	DCM-46CE-CKT10-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:00 PM	✓
Comm Error	-	DCM-46CE-CKT9-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:59 PM	✓
Comm Error	-	DCM-46CE-CKT8-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:58 PM	✓
Comm Error	-	DCM-46CE-CKT7-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:58 PM	✓
Comm Error	-	DCM-C2A5-CKT6-SPARE	9/2/2025, 3:05:08 PM	9/15/2025, 8:20:57 AM	✓
Comm Error	-	DCM-C2A5-CKT5-SPARE	9/2/2025, 3:05:08 PM	9/15/2025, 8:20:54 AM	✓
Comm Error	-	DCM-C2A5-CKT3-SPARE	9/2/2025, 3:05:08 PM	9/12/2025, 5:44:01 PM	✓
Comm Error	-	DCM-C2A5-CKT4-SPARE	9/2/2025, 3:05:08 PM	9/8/2025, 8:57:23 AM	✓
Comm Error	-	DCM-C2A5-CKT2-SPARE	9/2/2025, 3:05:08 PM	9/4/2025, 10:43:07 AM	✓
Low Current Alarm	0.03A	TCM18-CKT3-SPARE	9/3/2025, 11:28:54 AM	9/3/2025, 11:28:54 AM	✓
Comm Error	-	DCM-C2A5-CKT1-SPARE	9/2/2025, 3:05:08 PM	9/3/2025, 10:42:25 AM	✓
Low Current Alarm	0.03A	TCM18-CKT1-SPARE	9/3/2025, 10:17:31 AM	9/3/2025, 10:17:31 AM	✓
Temperature Fault	618.4°C	TCM18-CKT3-SPARE	9/2/2025, 1:01:33 PM	9/2/2025, 1:01:34 PM	✓
Temperature Fault	618.4°C	TCM18-CKT4-SPARE	9/2/2025, 1:01:32 PM	9/2/2025, 1:01:32 PM	✓
Temperature Fault	618.4°C	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:31 PM	✓
Temperature Fault	618.4°C	TCM18-CKT5-SPARE	9/2/2025, 1:01:30 PM	9/2/2025, 1:01:30 PM	✓
Low Current Alarm	0A	TCM18-CKT4-SPARE	9/2/2025, 1:01:29 PM	9/2/2025, 1:01:29 PM	✓
Low Current Alarm	0A	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:28 PM	✓
Temperature Fault	618.4°C	TCM18-CKT1-SPARE	9/2/2025, 1:00:46 PM	9/2/2025, 1:00:46 PM	✓
High Ground Current Trip	-	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Temperature Fault	618.4°C	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓



Alarms Dashboard – Specific Alarm Details

The screenshot displays the THERMON EGIS Alarms Dashboard. On the left, there are filters for Alarm Type, Alarm Status, Location, and Date Range. The main area shows a table of 24 alarms. A red arrow points to the 'Alarm Type' link in the first row of the table. A red callout box contains the text: "You can click the 'Alarm Type' link to get the alarm details". A modal window is open, showing details for a "TCM18-CKT3-SPARE: Low Current Alarm". The modal includes fields for Value (0.03A), Created (9/3/2025, 11:28:54 AM), Last Updated (9/3/2025, 11:28:54 AM), and Acknowledged (9/3/2025, 11:28:54 AM by admin 10/23/2025, 2:44:18 PM). There is also a "Notes" section with an "Add note..." input and an "Add" button. A "Close" button is at the bottom right of the modal.

Alarm Type	Reading	Device	Created At	Updated At	Actions
Comm Error	–	DCM-46CE-CKT12-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	–	DCM-46CE-CKT11-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:01 PM	✓
Comm Error	–	DCM-46CE-CKT10-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:00 PM	✓
Comm Error	–			9/19/2025, 12:38:59 PM	✓
Comm Error	–			9/19/2025, 12:38:58 PM	✓
Comm Error	–			9/19/2025, 12:38:58 PM	✓
Comm Error	–			9/15/2025, 8:20:57 AM	✓
Comm Error	–			9/15/2025, 8:20:54 AM	✓
Comm Error	–			9/12/2025, 5:44:01 PM	✓
Comm Error	–			9/8/2025, 8:57:23 AM	✓
Comm Error	–			9/4/2025, 10:43:07 AM	✓
Low Current Alarm	–			9/3/2025, 11:28:54 AM	✓
Comm Error	–			9/3/2025, 10:42:25 AM	✓
Low Current Alarm	–			9/3/2025, 10:17:31 AM	✓
Temperature Fault	–			9/2/2025, 1:01:33 PM	✓
Temperature Fault	–			9/2/2025, 1:01:32 PM	✓
Temperature Fault	–			9/2/2025, 1:01:28 PM	✓
Temperature Fault	618.4°C	TCM18-CKT5-SPARE	9/2/2025, 1:01:30 PM	9/2/2025, 1:01:30 PM	✓
Low Current Alarm	0A	TCM18-CKT4-SPARE	9/2/2025, 1:01:29 PM	9/2/2025, 1:01:29 PM	✓
Low Current Alarm	0A	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:28 PM	✓
Temperature Fault	618.4°C	TCM18-CKT1-SPARE	9/2/2025, 1:00:46 PM	9/2/2025, 1:00:46 PM	✓
High Ground Current Trip	–	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Temperature Fault	618.4°C	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓



Alarms Dashboard – Specific Circuit Details

THERMON EGIS Alarms Devices Settings Log Out

Showing 24 of 24 alarms

Filters: Alarm Type, Alarm Status, Location, Date Range (Start: mm/dd/yyyy, End: mm/dd/yyyy, Reset)

Alarm Type	Reading	Device	Created At	Updated At	Actions
Comm Error	–	DCM-46CE-CKT12-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	–	DCM-46CE-CKT11-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:01 PM	✓
Comm Error	–	DCM-46CE-CKT10-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:00 PM	✓
Comm Error	–	DCM-46CE-CKT9-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:59 PM	✓
Comm Error	–	DCM-46CE-CKT8-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:58 PM	✓
Comm Error	–	DCM-46CE-CKT7-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:58 PM	✓
Comm Error	–	DCM-C2A5-CKT6-SPARE	9/2/2025, 3:05:08 PM	9/15/2025, 8:20:57 AM	✓
Comm Error	–	DCM-C2A5-CKT5-SPARE	9/2/2025, 3:05:08 PM	9/15/2025, 8:20:54 AM	✓
Comm Error	–	DCM-C2A5-CKT3-SPARE	9/2/2025, 3:05:08 PM	9/12/2025, 5:44:01 PM	✓
Comm Error	–	DCM-C2A5-CKT4-SPARE	9/2/2025, 3:05:08 PM	9/12/2025, 5:44:01 PM	✓
Comm Error	–	DCM-C2A5-CKT2-SPARE	9/2/2025, 3:05:08 PM	9/12/2025, 5:44:01 PM	✓
Low Current Alarm	0.03A	TCM18-CKT3-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Comm Error	–	DCM-C2A5-CKT1-SPARE	9/2/2025, 3:05:08 PM	9/12/2025, 5:44:01 PM	✓
Low Current Alarm	0.03A	TCM18-CKT1-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Temperature Fault	618.4°C	TCM18-CKT3-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Temperature Fault	618.4°C	TCM18-CKT4-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Temperature Fault	618.4°C	TCM18-CKT6-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Temperature Fault	618.4°C	TCM18-CKT5-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Low Current Alarm	0A	TCM18-CKT4-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Low Current Alarm	0A	TCM18-CKT6-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Temperature Fault	618.4°C	TCM18-CKT1-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
High Ground Current Trip	–	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Temperature Fault	618.4°C	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓

You can click the 'Device' link and get the details of the circuit associated with the alarm

TCM18-CKT3-SPARE

Status: Fault
Module Address: 22
Latest Reading: 10/28/2025, 9:18:51 AM
Power State: Powered On
Process Tag: None

0.01, 27.3, 0

Temperature (°C) graph showing a spike to 618.4°C. Current (A) graph showing a spike to 0.03A.



Alarms Dashboard – Download Alarm Data

The screenshot shows the THERMON EGIS Alarms Dashboard. On the left, there are filters for Alarm Type, Alarm Status, Location, and Date Range. The main area is a table of alarms with columns for Alarm Type, Reading, Device, Created At, Updated At, and Actions. A red arrow points from a download icon in the top left of the table to a red callout box. The callout box contains the text: "You can download all the alarm data as a csv file".

Alarm Type	Reading	Device	Created At	Updated At	Actions
Comm Error	-	DCM-46CE-CKT12-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT11-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:01 PM	✓
Comm Error	-	DCM-46CE-CKT10-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:00 PM	✓
Comm Error	-	DCM-46CE-CKT9-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:59 PM	✓
Comm Error	-	DCM-46CE-CKT8-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:58 PM	✓
Comm Error	-	DCM-46CE-CKT7-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:58 PM	✓
Comm Error	-	DCM-C2A5-CKT6-SPARE	9/2/2025, 3:05:08 PM	9/15/2025, 8:20:57 AM	✓
Comm Error	-	DCM-C2A5-CKT5-SPARE	9/2/2025, 3:05:08 PM	9/15/2025, 8:20:54 AM	✓
Comm Error	-	DCM-C2A5-CKT1-SPARE	9/2/2025, 3:05:08 PM	9/12/2025, 5:44:01 PM	✓
Comm Error	-	DCM-C2A5-CKT1-SPARE	9/2/2025, 3:05:08 PM	9/8/2025, 8:57:23 AM	✓
Comm Error	-	DCM-C2A5-CKT1-SPARE	9/2/2025, 3:05:08 PM	9/4/2025, 10:43:07 AM	✓
Low Current Alarm	0.03A	TCM18-CKT3-SPARE	9/3/2025, 11:28:54 AM	9/3/2025, 11:28:54 AM	✓
Comm Error	-	DCM-C2A5-CKT1-SPARE	9/2/2025, 3:05:08 PM	9/3/2025, 10:42:25 AM	✓
Low Current Alarm	0.03A	TCM18-CKT1-SPARE	9/3/2025, 10:17:31 AM	9/3/2025, 10:17:31 AM	✓
Temperature Fault	618.4°C	TCM18-CKT3-SPARE	9/2/2025, 1:01:33 PM	9/2/2025, 1:01:34 PM	✓
Temperature Fault	618.4°C	TCM18-CKT4-SPARE	9/2/2025, 1:01:32 PM	9/2/2025, 1:01:32 PM	✓
Temperature Fault	618.4°C	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:31 PM	✓
Temperature Fault	618.4°C	TCM18-CKT5-SPARE	9/2/2025, 1:01:30 PM	9/2/2025, 1:01:30 PM	✓
Low Current Alarm	0A	TCM18-CKT4-SPARE	9/2/2025, 1:01:29 PM	9/2/2025, 1:01:29 PM	✓
Low Current Alarm	0A	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:28 PM	✓
Temperature Fault	618.4°C	TCM18-CKT1-SPARE	9/2/2025, 1:00:46 PM	9/2/2025, 1:00:46 PM	✓
High Ground Current Tripe	-	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Temperature Fault	618.4°C	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓



Alarms Dashboard – Bulk Acknowledge

The screenshot displays the Theron EGIS Alarms Dashboard. On the left, there are filters for Alarm Type, Alarm Status, Location, and Date Range. The main area is a table of 24 alarms. A red arrow points from the 'Bulk Acknowledge' button (represented by a checkmark icon) in the top toolbar to the 'Actions' column of the table. A red callout box with white text says 'You can select multiple circuits and bulk acknowledge them'.

Alarm Type	Reading	Device	Created At	Updated At	Actions
<input type="checkbox"/> Comm Error	-	DCM-46CE-CKT12-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Comm Error	-	DCM-46CE-CKT11-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:01 PM	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Comm Error	-	DCM-46CE-CKT10-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:00 PM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Comm Error	-	DCM-46CE-CKT9-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:59 PM	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Comm Error	-	DCM-46CE-CKT8-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:58 PM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Comm Error	-	DCM-46CE-CKT7-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:38:58 PM	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Comm Error	-	DCM-C2A5-CKT6-SPARE	9/2/2025, 3:05:08 PM	9/15/2025, 8:20:57 AM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Comm Error	-	DCM-C2A5-CKT5-SPARE	9/2/2025, 3:05:08 PM	9/15/2025, 8:20:54 AM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Comm Error	-	DCM-C2A5-CKT2-SPARE	9/2/2025, 3:05:08 PM	9/4/2025, 10:43:07 AM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Low Current Alarm	0.03A	TCM18-CKT3-SPARE	9/3/2025, 11:28:54 AM	9/3/2025, 11:28:54 AM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Comm Error	-	DCM-C2A5-CKT1-SPARE	9/2/2025, 3:05:08 PM	9/3/2025, 10:42:25 AM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Low Current Alarm	0.03A	TCM18-CKT1-SPARE	9/3/2025, 10:17:31 AM	9/3/2025, 10:17:31 AM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Temperature Fault	618.4°C	TCM18-CKT3-SPARE	9/2/2025, 1:01:33 PM	9/2/2025, 1:01:34 PM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Temperature Fault	618.4°C	TCM18-CKT4-SPARE	9/2/2025, 1:01:32 PM	9/2/2025, 1:01:32 PM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Temperature Fault	618.4°C	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:31 PM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Temperature Fault	618.4°C	TCM18-CKT5-SPARE	9/2/2025, 1:01:30 PM	9/2/2025, 1:01:30 PM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Low Current Alarm	0A	TCM18-CKT4-SPARE	9/2/2025, 1:01:29 PM	9/2/2025, 1:01:29 PM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Low Current Alarm	0A	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:28 PM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Temperature Fault	618.4°C	TCM18-CKT1-SPARE	9/2/2025, 1:00:46 PM	9/2/2025, 1:00:46 PM	<input checked="" type="checkbox"/>
<input type="checkbox"/> High Ground Current Tripe	-	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	<input checked="" type="checkbox"/>
<input type="checkbox"/> Temperature Fault	618.4°C	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	<input checked="" type="checkbox"/>



Alarms Dashboard – Lock Out Tag Out(LOTO)

- During times, when there are planned maintenance tasks expected to be performed on any panels/circuits, the respective panels are powered off or deactivated to allow for the maintenance activities to be carried out safely.
- During this time, it is preferred to not report on any alarms for the circuits associated with those panel(s).
- The LOTO functionality allows the operator to select those circuits and put a LOTO status on them. This will suppress any alarms for those circuits till the LOTO status is not removed. This helps avoid any nuisance alarms.

Note : Clicking the LOTO icon **does not** put the circuit into a safe state **literally**. It is still the operator's responsibility to carry out proper physical LOTO procedures on the ground. Egis just suppresses the alarm notifications for those circuits.



Alarms Dashboard – Lock Out Tag Out(LOTO)

The screenshot shows the THERMON EGIS Alarms Dashboard. The interface includes a top navigation bar with 'Alarms', 'Devices', 'Settings', and 'Log Out'. On the left, there are filters for Alarm Type, Alarm Status, Location, and Date Range. The main area displays a table of alarms with columns for Alarm Type, Reading, Device, Created At, Updated At, and Actions. A red arrow points from the 'Actions' column of the first row to a text box. The text box contains the following text:

You can select multiple circuits and assign them the 'LOTO' status either from the Alarms dashboard or from the Devices dashboard view by selecting individual circuit(s). When they are in LOTO status, any alarms for the associated circuits will be suppressed.

Below this, another red text box explains:

Clicking the button on GS does not put the circuit into a safe state. It is the operator's responsibility to carry out proper physical LOTO procedures.

Alarm Type	Reading	Device	Created At	Updated At	Actions
Comm Error	-	DCM-46CE-CKT12-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT11-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT10-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT9-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT8-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT7-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT6-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT5-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT4-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT3-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT2-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Comm Error	-	DCM-46CE-CKT1-SPARE	9/2/2025, 3:05:47 PM	9/19/2025, 12:39:02 PM	✓
Low Current Alarm	0.001	TCM18-CKT3-SPARE	9/3/2025, 11:28:54 AM	9/3/2025, 11:28:54 AM	✓
Comm Error	-	TCM18-CKT2-SPARE	9/2/2025, 3:05:08 PM	9/3/2025, 10:42:25 AM	✓
Low Current Alarm	0.001	TCM18-CKT1-SPARE	9/3/2025, 10:17:31 AM	9/3/2025, 10:17:31 AM	✓
Temperature Fault	618.4°C	TCM18-CKT1-SPARE	9/2/2025, 1:01:33 PM	9/2/2025, 1:01:34 PM	✓
Temperature Fault	618.4°C	TCM18-CKT2-SPARE	9/2/2025, 1:01:32 PM	9/2/2025, 1:01:32 PM	✓
Temperature Fault	618.4°C	TCM18-CKT3-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:31 PM	✓
Temperature Fault	618.4°C	TCM18-CKT4-SPARE	9/2/2025, 1:01:30 PM	9/2/2025, 1:01:30 PM	✓
Low Current Alarm	0.001	TCM18-CKT5-SPARE	9/2/2025, 1:01:29 PM	9/2/2025, 1:01:29 PM	✓
Low Current Alarm	0.001	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:28 PM	✓
Temperature Fault	618.4°C	TCM18-CKT1-SPARE	9/2/2025, 1:00:46 PM	9/2/2025, 1:00:46 PM	✓
High Ground Current Tripe	-	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Temperature Fault	618.4°C	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓



Alarms Dashboard – Adding Notes

The screenshot displays the THERMON EGIS Alarms Dashboard. On the left, there are filters for Alarm Type, Alarm Status, Location, and Date Range. The main area is a table of alarms with columns for Alarm, Reading, Device, Created At, Updated At, and Actions. A red circle highlights the checkboxes in the Alarm column, and a red arrow points from a text box to these checkboxes. A modal window titled "Add Note to 5 Alarms" is open, showing a text input field for a note and "Cancel" and "OK" buttons.

Alarm	Reading	Device	Created At	Updated At	Actions
<input type="checkbox"/> Circuit Fault	-	DCM-46CE-CKT8-SPARE	10/28/2025, 10:52:43 AM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Low Current Alarm	0A	DCM-46CE-CKT7-SPARE	10/28/2025, 10:52:43 AM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Circuit Fault	-	DCM-46CE-CKT7-SPARE	10/28/2025, 10:52:43 AM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Low Current Alarm	0.1A	DCM-C2A5-CKT5-SPARE	10/28/2025, 10:52:43 AM	10/28/2025, 10:52:43 AM	✓
<input checked="" type="checkbox"/> Circuit Fault	-	DCM-C2A5-CKT5-SPARE	5/31/2024, 10:22:22 PM	10/28/2025, 10:52:43 AM	✓
<input checked="" type="checkbox"/> High Temperature Trip	103°C	DCM-C2A5-CKT4-SPARE	5/31/2024, 9:34:45 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> High Temperature Alarm	103°C	DCM-C2A5-CKT4-SPARE	5/31/2024, 9:34:45 PM	10/28/2025, 10:52:42 AM	✓
<input type="checkbox"/> Circuit Fault	-	DCM-C2A5-CKT3-SPARE	5/31/2024, 10:22:08 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Low Temperature	-	DCM-C2A5-CKT3-SPARE	5/31/2024, 10:22:08 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Circuit Fault	-	DCM-C2A5-CKT3-SPARE	5/31/2024, 10:22:08 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Circuit Fault	-	DCM-C2A5-CKT3-SPARE	5/31/2024, 10:22:08 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Circuit Fault	-	DCM-C2A5-CKT3-SPARE	5/31/2024, 10:22:08 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Low Current Alarm	-	DCM-C2A5-CKT3-SPARE	5/31/2024, 10:22:08 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Circuit Fault	-	DCM-C2A5-CKT3-SPARE	5/31/2024, 10:22:08 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> High Temperature Trip	-	DCM-C2A5-CKT3-SPARE	5/31/2024, 10:22:08 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Circuit Fault	-	DCM-C2A5-CKT3-SPARE	5/31/2024, 10:22:08 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> High Temperature Alarm	-	DCM-C2A5-CKT3-SPARE	5/31/2024, 10:22:08 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Low Current Alarm	-	DCM-C2A5-CKT3-SPARE	5/31/2024, 10:22:08 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Temperature Fault	-	DCM-C2A5-CKT3-SPARE	5/31/2024, 10:22:08 PM	10/28/2025, 10:52:43 AM	✓
<input type="checkbox"/> Temperature Fault	618.4°C	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:31 PM	✓
<input type="checkbox"/> Temperature Fault	618.4°C	TCM18-CKT5-SPARE	9/2/2025, 1:01:30 PM	9/2/2025, 1:01:30 PM	✓
<input type="checkbox"/> Low Current Alarm	0A	TCM18-CKT4-SPARE	9/2/2025, 1:01:29 PM	9/2/2025, 1:01:29 PM	✓
<input type="checkbox"/> Low Current Alarm	0A	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:28 PM	✓

User can select a single or multiple circuits and write 'Notes' for those alarms

Add Note to 5 Alarms

Note

Add note...

Cancel OK



DEVICE DASHBOARD

Device Dashboard – Key Features

1. Clear Header Navigation

Access key options like **Alarms, Devices, Settings,** and **Log Out** right from the top bar.

2. Location and Device List

The left panel shows all locations (e.g., *San Marcos Training Room, Austin Lab*) and lets you quickly navigate between panels, circuits and location. Alternately, you can also use the **'Search' field** to go to the desired circuit details.

3. Alarm Overview Charts

- a) **Pie Chart:** Visual breakdown of alarm types (e.g., High Ground Current, Temperature Fault).
- b) **Bar Chart:** Compare alarms across locations for quick insight.

4. Gateway Status

Displays number of Active Circuits as well as provides capability to update 'Settings' or perform 'Reset'.

5. Location Details Table

Shows active alarms, bridges, and panels for each location in one place. Allows to configure the 'Name' of each location.

6. Color-Coded Alarm Types

A legend helps you easily identify alarm categories by color.

7. Quick Action Buttons

Gear icons allow you to manage settings or perform actions for gateways and locations.

8. Site/Network Settings

Configure your site and network settings



Device Dashboard – Key Features

The screenshot displays the THERMON EGIS interface with the following key features highlighted:

- 1:** Top navigation bar containing 'Alarms', 'Devices', 'Settings', and 'Log Out'.
- 2:** Left sidebar navigation menu showing a tree structure of devices and locations.
- 3:** Main dashboard area containing a donut chart and a horizontal bar chart. The donut chart is color-coded by alarm type, and the bar chart shows active counts for 'San Marcos Training Room' and 'Austin Lab'.
- 4:** Gateway section showing 'DemoGateway' and 'Active Circuits' (56).
- 5:** Location summary table with columns for Location, Active Alarms, Bridges, Panels, and Actions.
- 6:** Legend for the donut chart, listing alarm types: All RTDs in Fault, RTD Fault, Low Current Alarm, Temperature Fault, High Ground Current Trip, and High Ground Current Alarm.
- 7:** Action icons (gear and plus) for the 'San Marcos Training Room' and 'Austin Lab' rows in the location table.
- 8:** Action icons (gear and plus) for the main dashboard area.

Location	Active Alarms	Bridges	Panels	Actions
San Marcos Training Room	2	3	1	[Gear] [Plus]
Austin Lab	10	3	3	[Gear] [Plus]



Device Dashboard – Change View

The screenshot displays the Theron EGIS interface for the device QA215-2452-v1.2.0. The dashboard includes a donut chart showing alarm types, a bar chart showing active circuits by location, and a table of active circuits and alarms. A callout box highlights the 'View As' dropdown menu, which allows users to select their preferred view.

Legend for Donut Chart:

- AB RTDs in Fault
- RTD Fault
- Low Current Alarm
- Temperature Fault
- High Ground Current Trip
- High Ground Current Alarm

Active Circuits by Location:

Location	Active Circuits
San Marcos Training Room	2
Austin Lab	10

Active Alarms by Location:

Location	Active Alarms	Bridges	Panels
San Marcos Training Room	2	3	1
Austin Lab	10	3	3

View As Dropdown Menu:

- Default
- Panels
- Tags
- Alarms
- Lockout / Tag Out
- Forced On

The user can select their preferred view



Device Dashboard – Site Settings

The screenshot displays the THERMON EGIS interface. On the left, a sidebar shows a tree view of the site structure, including 'QA215-2452-v1.2.0-' and various training rooms and labs. The main content area is titled 'Configure Site: QA215-2452-v1.2.0-'. It contains several configuration sections: 'Name' (QA215-2452-v1.2.0-), 'Overview', 'Genesis Gateway ID' (DemoGateway), 'Site ID' (site01), 'Genesis Gateway', 'Gateway' (10.15.220.1), 'IP Address' (10.15.220.78), 'Server Port' (22), 'Subnet Mask' (255.255.255.0), 'Backhaul Network', 'Enabled' (Yes), 'Gateway' (10.15.220.1), 'IP Address' (10.150.220.75), 'Local Port' (49152), 'Remote Port' (49153), and 'Subnet Mask'. A red text box is overlaid on the left side of the screenshot, containing the text: 'For site configuration settings, please contact Thermon Field Services Team as there is a license file which will be generated for the specific Site'. A red arrow points from the top right of the screenshot to a settings icon in the top right corner of the dashboard.

For site configuration settings, please contact Thermon Field Services Team as there is a license file which will be generated for the specific Site



Device Dashboard – Network Settings

The user interface is very self intuitive and will guide you on the next step based on your selection. Please keep in mind:

- You can add location(s) under the Site
- You can add Bridge(s) or Panel(s) under a Location
- You can add Panel(s) or Controller(s) under a Bridge
- You can select the Panel Type during addition of a panel
- You can select the Controller Model during addition of a Controller



Device Dashboard – Network Settings – Add Location

The screenshot shows the Theron EGIS interface. On the left is a navigation tree with a search bar and a list of circuits. The main area displays details for circuit QA215-2452-v1.2.0. A table lists locations: 'Location' (with 'oom' in a sub-field), 'Austin Lab', and 'Location-Test'. Each row has 'Add', 'Edit', and 'Delete' icons. A red arrow points to the 'Add' icon for the 'Location' row. A grey callout box contains the text: "You can add location(s) under the main Site". Below the table is a 'Update Firmware' section with 'Current Firmware Version: Gateway Software v1.12.2.752' and 'Firmware Updated On: 1/22/2025, 2:56:21 AM'. At the bottom is a 'Select File' section with a 'Choose File' button and an 'Upload' button.



Device Dashboard – Network Settings – Add Device

The screenshot shows the Theron EGIS interface. The top navigation bar includes 'Alarms', 'Devices', 'Settings', and 'Log Out'. The main content area is titled 'QA215-2452-v1.2.0-'. On the left, a sidebar shows a tree view of locations and devices. The main content area has an 'Add' button with a 'Select type...' dropdown. Below this is a table with columns 'Device', 'Location', and 'Actions'. The 'Location' column has entries for 'San Marcos Training Room', 'Austin Lab', and 'Location-Test'. The 'Location-Test' entry is highlighted. Below the table is a section for 'Update Firmware' with 'Current Firmware Version: Gateway Software v1.12.2.752' and 'Firmware Updated On: 1/22/2025, 2:56:21 AM'. There is also a 'Select File' section with a 'Choose File' button and an 'Upload' button.

You can add location(s) under the main Site

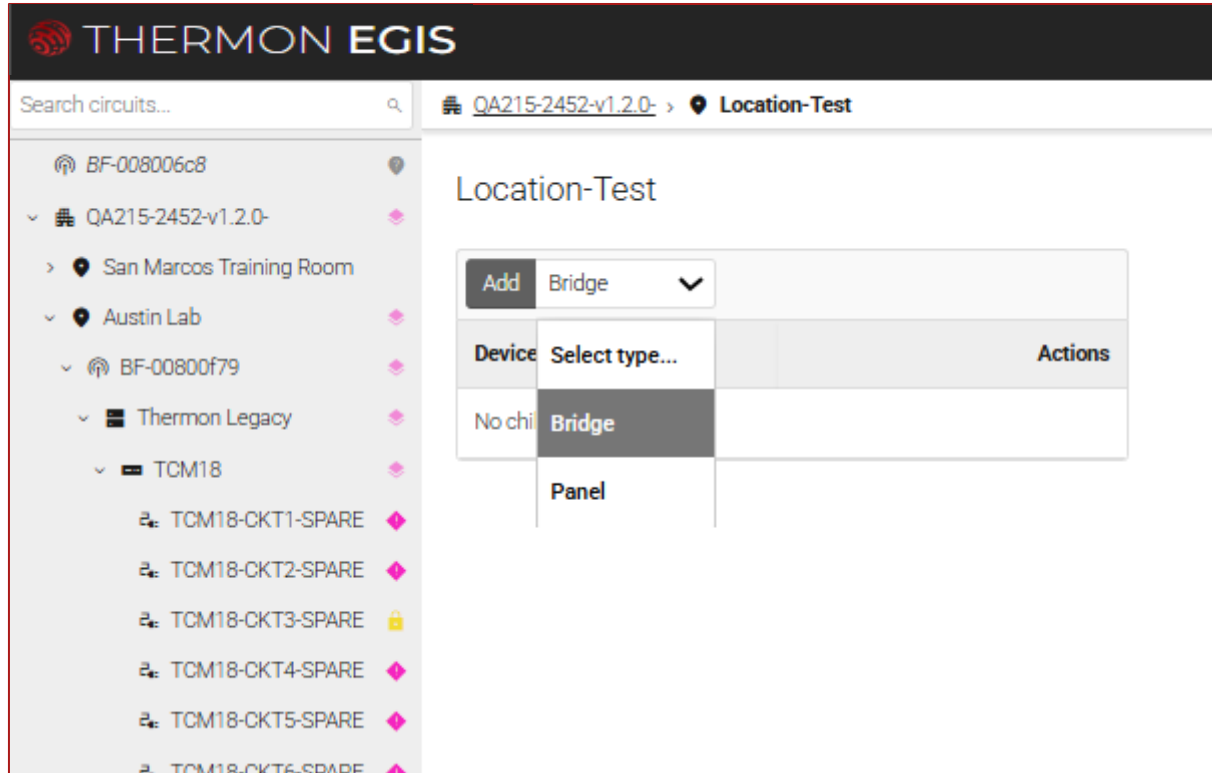
Click on a specific location to add devices under it

Location-Test

Device	Select type...	Actions
No ch	Bridge	
	Panel	

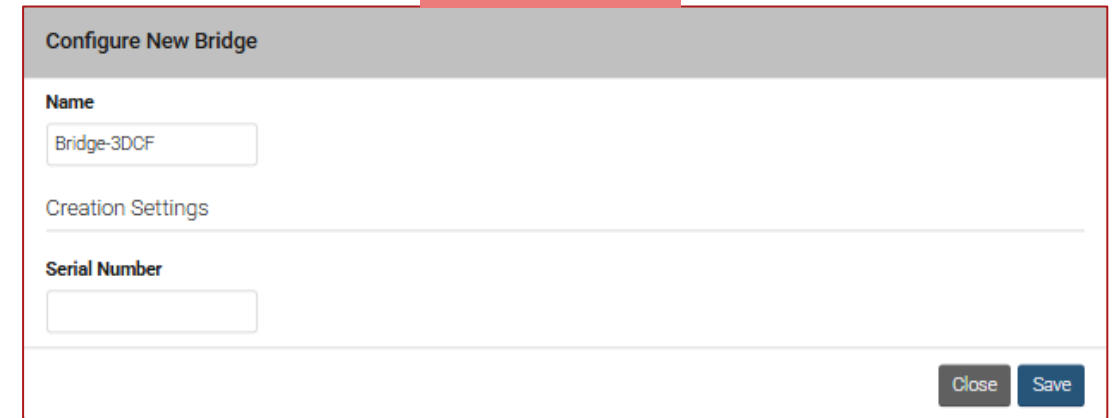


Device Dashboard – Network Settings – Add Device – Add Bridge



The screenshot shows the THERMON EGIS interface. The top navigation bar includes the logo and the text 'THERMON EGIS'. Below it is a search bar and a breadcrumb trail: 'QA215-2452-v1.2.0' > 'Location-Test'. The left sidebar contains a tree view of the network structure, including 'QA215-2452-v1.2.0' and 'Location-Test'. The main content area is titled 'Location-Test' and features an 'Add' button with a dropdown menu set to 'Bridge'. A table below the dropdown has columns for 'Device', 'Select type...', and 'Actions'. The 'Device' column contains 'No child devices', and the 'Select type...' column has 'Bridge' selected. The 'Actions' column is empty.

**Click
Add**

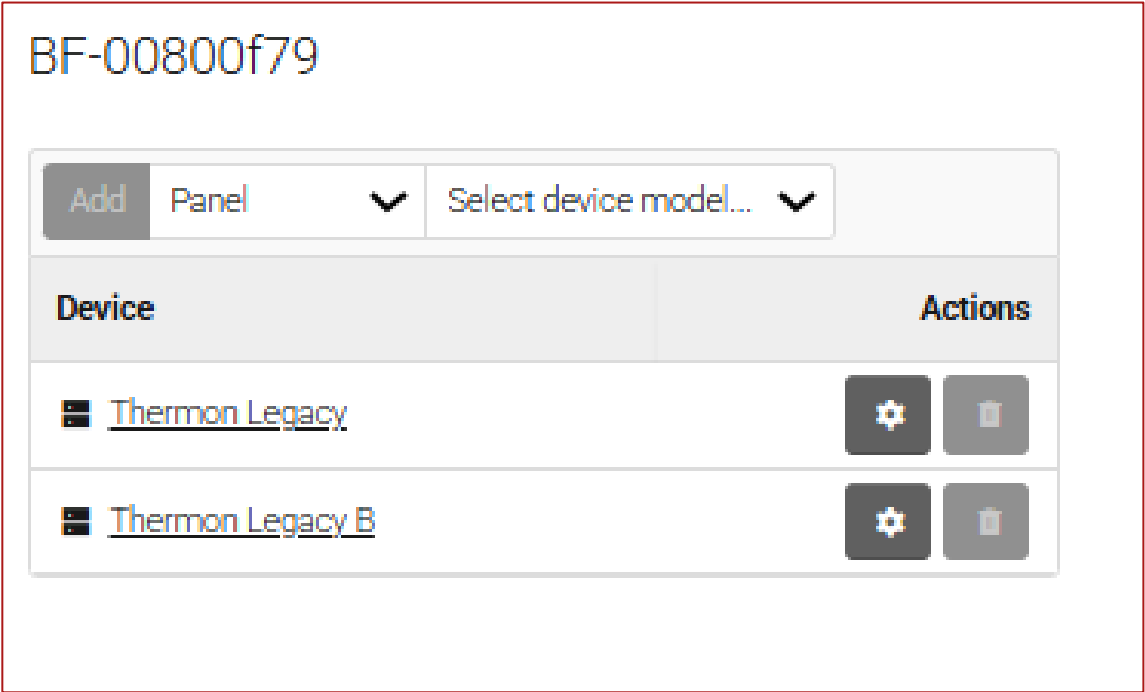


The 'Configure New Bridge' dialog box is shown. It has a title bar 'Configure New Bridge'. The 'Name' field contains 'Bridge-3DCF'. Below it is a section for 'Creation Settings' with a horizontal line. The 'Serial Number' field is empty. At the bottom right, there are 'Close' and 'Save' buttons.

**Enter the Bridge serial number and
click Save**



Device Dashboard – Network Settings – Add Panel to a Bridge












Click the Device Model dropdown to select the Panel Type while adding a new panel to the network



Device Dashboard – Network Settings – Add Panel to a Location

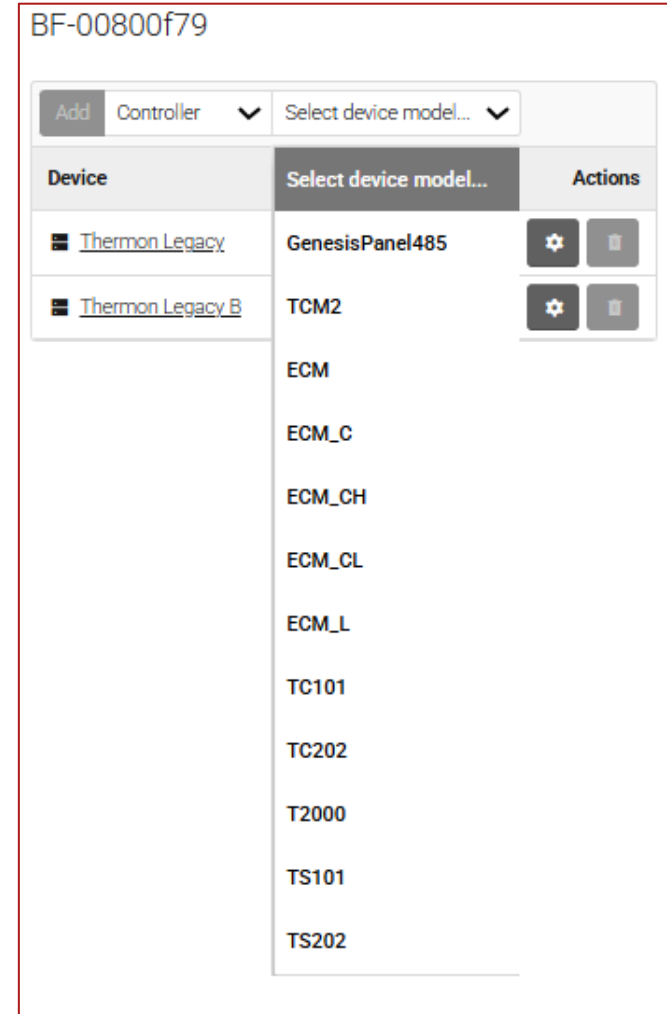
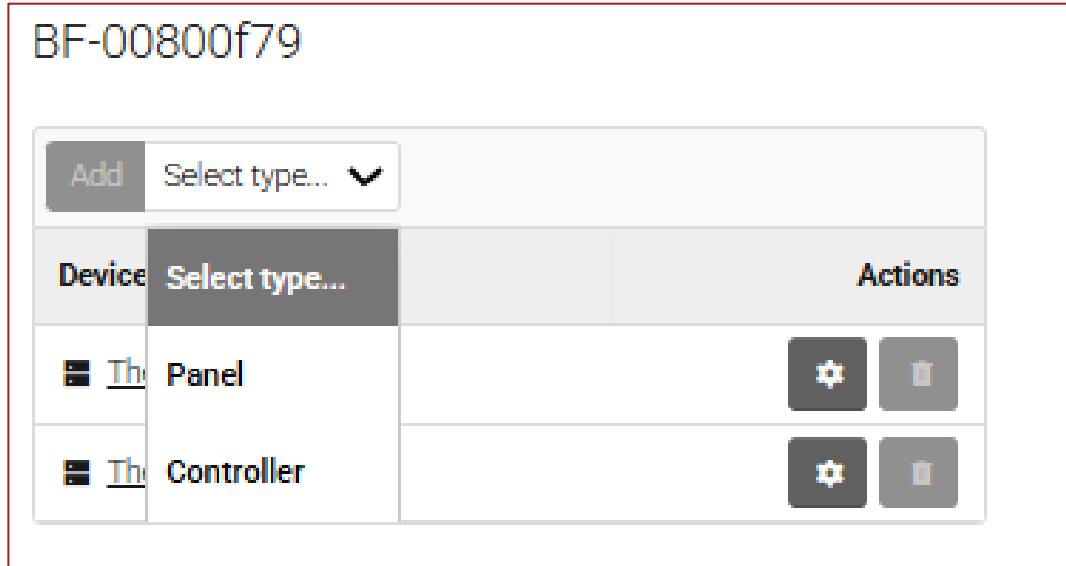
Austin Lab

Device	Select device model...	Actions
 BF-00800f79	SteamPanel	 
 BF-00800e9e		 
 Rail Backhaul-789		 

Click the Device Model dropdown to select the Panel Type while adding a new panel to the network



Device Dashboard – Network Settings – Add Panel or a Controller to a Bridge

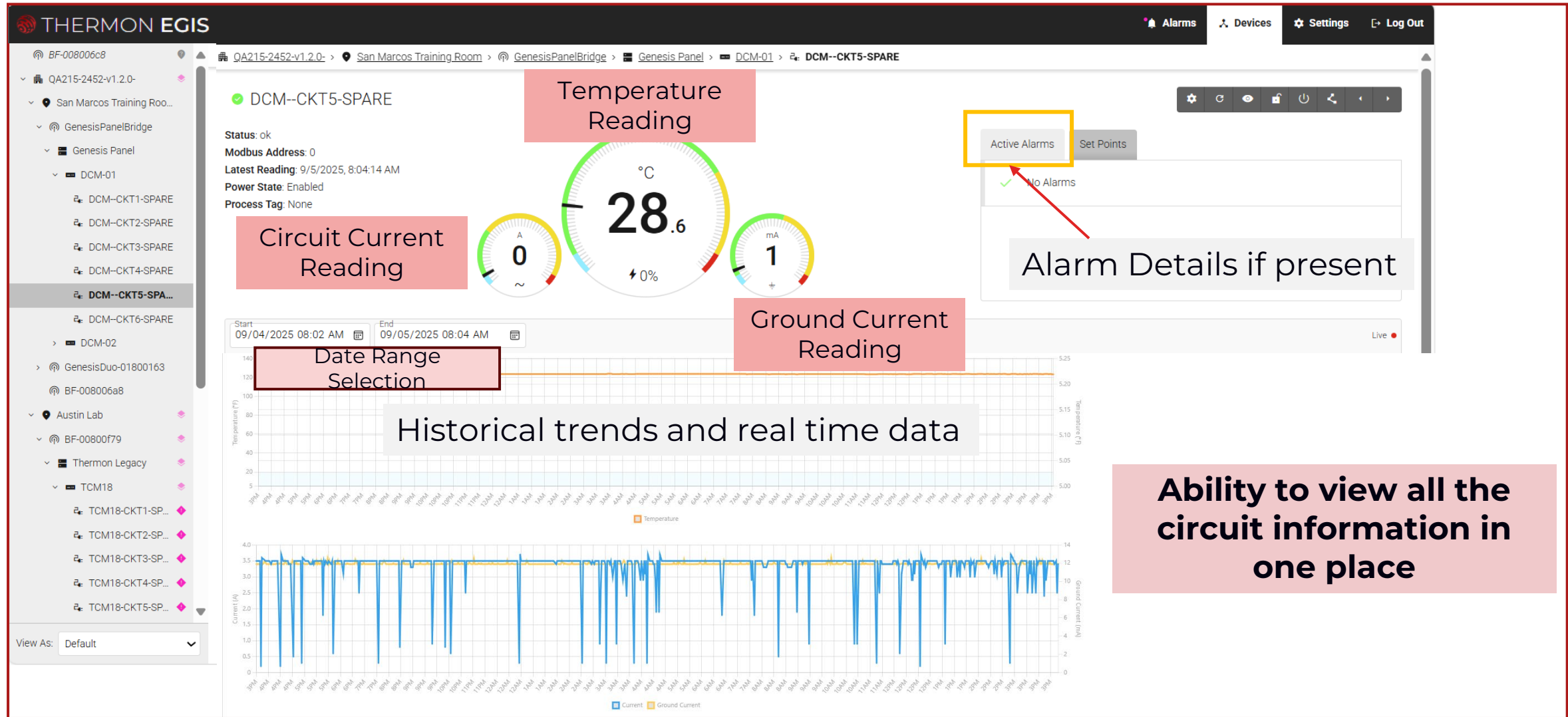


You can add a Panel or a Controller to your Network

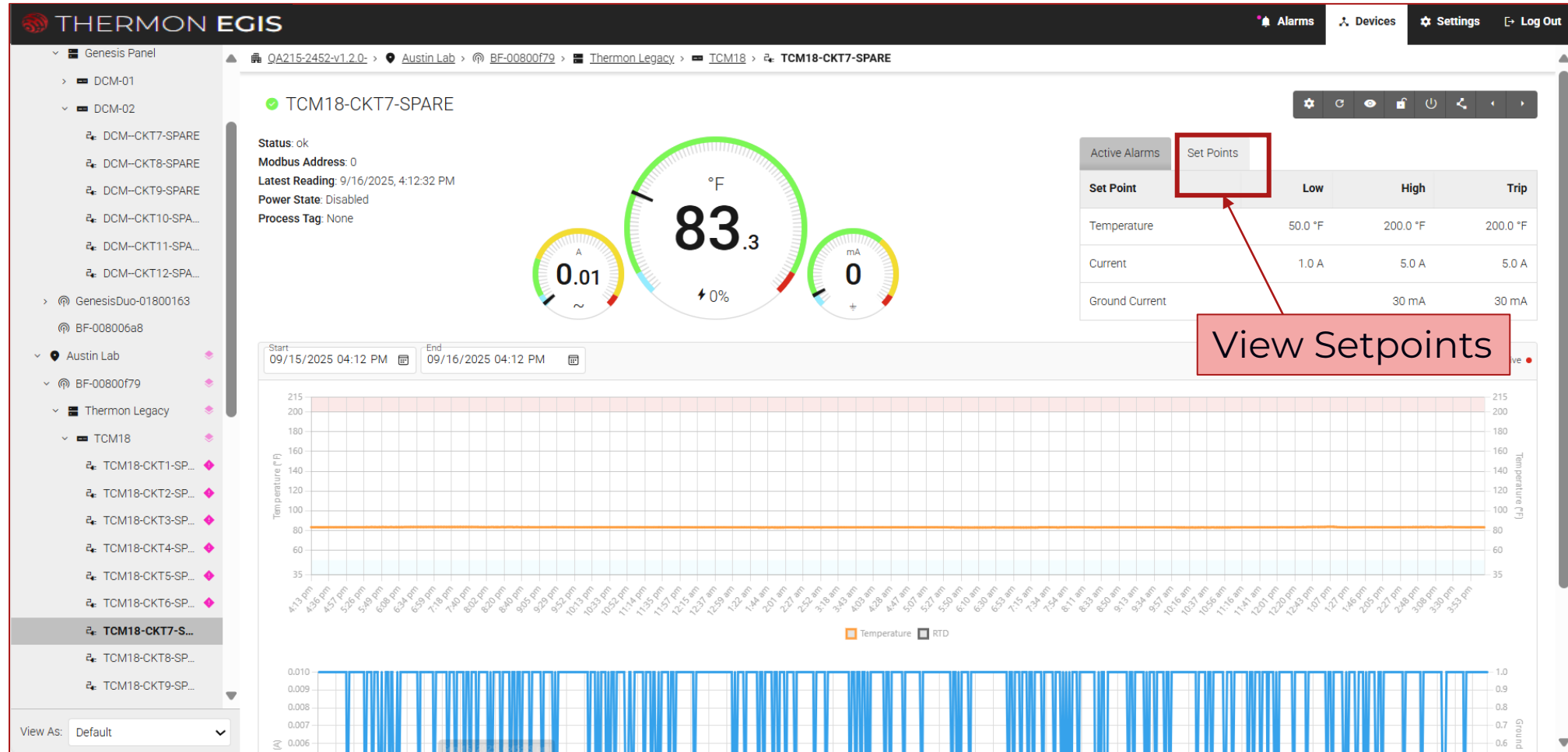


CIRCUIT VIEW

Circuit View – Real Time Data



Circuit View – Setpoint Data



Circuit View – Actions – Circuit Settings

Configure Circuit: TCM18-CKT3-SPARE

Name: TCM18-CKT3-SPARE

Current

High Current Alarm: 5.0 A

High Current Trip: 5.0 A

Low Current Alarm: 1.0 A

Ground Current

High Ground Current Alarm: 20 mA

High Ground Current Trip: 20 mA

Temperature

High Temperature Alarm: 93.3 °C

High Temperature Trip: 93.3 °C

Low Temperature Alarm: 10 °C

Maintain Temperature: 48.9 °C

Control Band: 2.8 °C

Configuration

Alarm Priority

Close Save

Configure your Circuit settings



Circuit View – Actions – Refresh Settings & Readings

The screenshot displays the THERMON EGIS interface for the circuit TCM18-CKT7-SPARE. The main display area features three gauges: Amperage (0.01 A), Temperature (83.3 °F), and Current (0 mA). A table on the right shows set points for Temperature, Current, and Ground Current. The bottom chart area displays a temperature trend over time and a ground current bar chart.

Set Point	Low	High	Trip
Temperature	50.0 °F	200.0 °F	200.0 °F
Current	1.0 A	5.0 A	5.0 A
Ground Current	0.6 A	1.0 A	1.0 A

Refreshes the data



Circuit View – Actions – Enable Focus Mode

Configure the Refresh interval

Click to enable Focus Mode

Enable Focus Mode for: TCM18-CKT3-SPARE

Enabling Focus Mode will continually request readings updates until you navigate away from this circuit.

Request readings every seconds

Cancel Enable

Focus mode is usually enabled when the user wants to monitor the data for a particular circuit at a higher frequency



Circuit View – Actions – Enable Focus Mode

TCM18-CKT7-SPARE

Status: ok
Modbus Address: 0
Latest Reading: 9/16/2025, 4:12:32 PM
Power State: Disabled
Process Tag: None

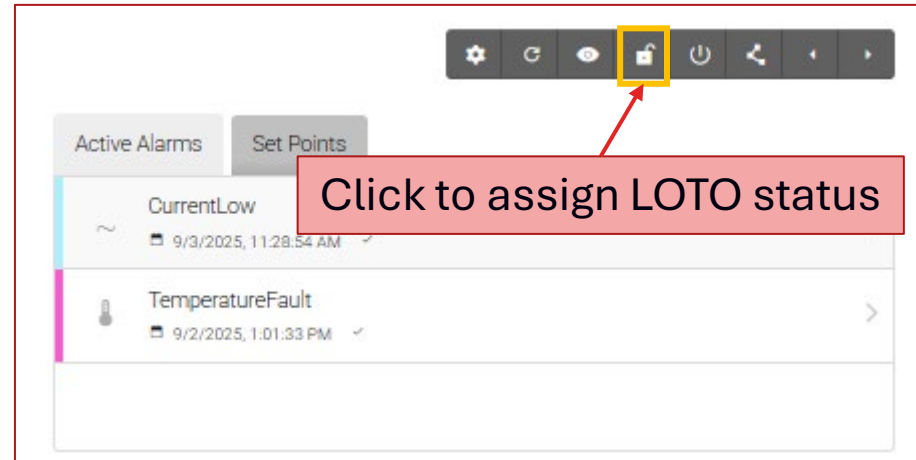
Set Point	Low	High	Trip
Temperature	50.0 °F	200.0 °F	200.0 °F
Current	1.0 A	5.0 A	5.0 A
Ground Current		30 mA	30 mA

When in Focus mode, the eye toggles between Blue & White color

You can click on the eye icon again to disable the Focus mode. Alternately if you go to any other circuit, the mode gets automatically disabled.



Circuit View – Actions – Lock Out Tag Out (LOTO)



You can assign the LOTO status to a circuit both from the Circuit View as well as the Alarms Dashboard



Circuit View – Actions – Select Power Mode

The image shows a screenshot of a web-based control interface. At the top, there is a toolbar with several icons: a gear (settings), a refresh symbol, an eye (visibility), a lock, a power button (highlighted with a yellow square), a share icon, and navigation arrows. Below the toolbar, there are two tabs: 'Active Alarms' and 'Set Points'. Under 'Active Alarms', two entries are visible: 'CurrentLow' with a timestamp of '9/3/2025, 11:28:54 AM' and 'TemperatureFault' with a timestamp of '9/2/2025, 1:01:33 PM'. A red box highlights the power icon in the toolbar, with a red arrow pointing to a red box containing the text 'Select Power Mode'. This red box is positioned over the top of a larger dialog box. The dialog box has a title bar that reads 'Select Power Mode: TCM18-CKT3-SPARE'. Inside the dialog, there are four radio button options: 'Enabled', 'Disabled', 'Forced On', and 'Forced Off'. At the bottom right of the dialog, there are two buttons: 'Cancel' and 'Save'.

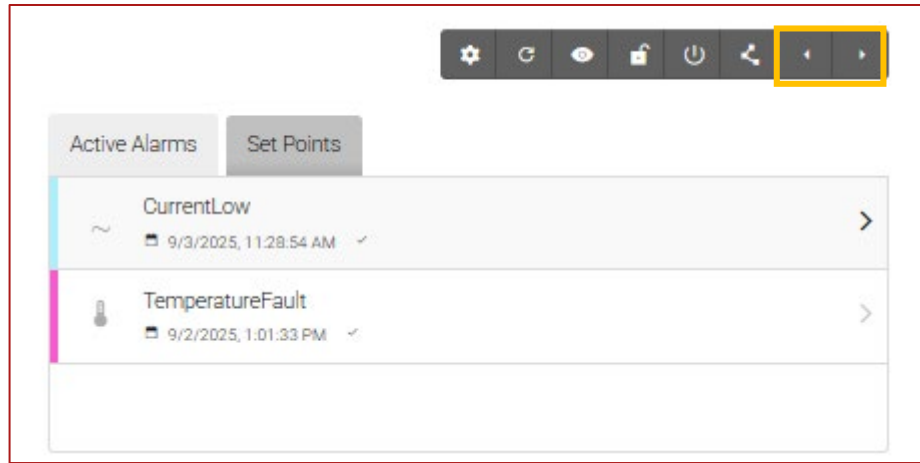


Circuit View – Actions – Upload ISOs

The screenshot displays the 'Circuit View' interface. At the top, a toolbar contains several icons: a gear, a refresh symbol, an eye, a lock, a power button, a left-pointing arrow, and a right-pointing arrow. The left-pointing arrow icon is highlighted with a yellow square, and a red arrow points from a red callout box to it. The callout box contains the text 'Click to Upload ISOs'. Below the toolbar, there are two tabs: 'Active Alarms' and 'Set Points'. Under 'Active Alarms', two entries are visible: 'CurrentLow' with a timestamp of '9/3/2025, 11:29:54 AM' and 'TemperatureFault' with a timestamp of '9/2/2025, 1:01:33 PM'. A modal window is open in the foreground, titled 'ISOs for: TCM18-CKT3-SPARE'. It has two tabs: 'ISOs' and 'Upload'. The 'Upload' tab is selected. Below the tabs, the text 'No ISOs found' is displayed. A 'Close' button is located in the bottom right corner of the modal window.



Circuit View – Actions – Navigate

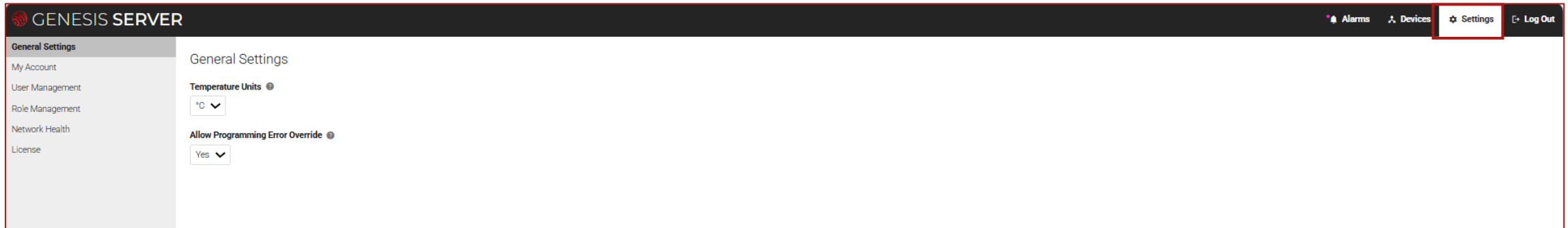


You can navigate to the next or previous circuit using the arrow buttons



SETTINGS

Settings - General Settings



Temperature Units – Select °C or °F. This selection will apply globally.

Allow Programming Error Override – Enables users to force setpoint values for testing specific conditions, even if those values do not follow standard logic. This feature provides flexibility for simulation and troubleshooting.



Settings – My Account

THERMON EGIS

General Settings

My Account

User Management

Role Management

Network Health

License

My Account

Personal Information Reset Password

Name

Email

Phone

Update

You can add your personal account details as well as reset your password



Settings – User Management

The screenshot displays the THERMON EGIS User Management interface. The top navigation bar includes 'Alarms', 'Devices', 'Settings', and 'Log Out'. The left sidebar lists 'General Settings', 'My Account', 'User Management', 'Role Management', 'Network Health', and 'License'. The main content area is titled 'User Management' and features a search bar labeled 'Search Users' with a magnifying glass icon and a user icon. Below the search bar is a table with a header 'Name' and a single entry 'Genesis Server Admin'. A red arrow points from the user icon in the search bar to the 'Configure New User' dialog box. The dialog box has a title bar 'Configure New User' and contains the following fields: 'Username' (with 'admin' entered), 'Password' (with masked characters '.....'), 'Full Name', and 'Email'. Below these is a 'Phone Number' field. Under the heading 'Roles', there are three checkboxes: 'Manager', 'Admin', and 'Operator'. At the bottom right of the dialog are 'Cancel' and 'Save' buttons.

You can add a new user and assign a particular role to the new user. You cannot assign 'admin' as a username



Settings – Role Management

The screenshot displays the 'Role Management' section of the THERMON EGIS interface. The top navigation bar includes 'Alarms', 'Devices', 'Settings', and 'Log Out'. The left sidebar lists 'General Settings', 'My Account', 'User Management', 'Role Management', 'Network Health', and 'License'. The main content area shows a table of roles with columns for 'Name', 'Permissions', and 'Actions'. A red arrow points to a '+' icon in the top right of the table, which is linked to a 'Configure Role' dialog box. The dialog box contains a 'Name' input field and a 'Permissions' section with five checkboxes: 'Manage Accounts', 'Access Monitoring', 'Access Overview', 'Change Configuration', and 'Change Password'. 'Cancel' and 'Save' buttons are at the bottom right of the dialog.

Name	Permissions	Actions
Manager	Access Monitoring, Access Overview, Change Configuration, Change Password	
Admin	Manage Accounts, Access Monitoring, Access Overview, Change Configuration, Change Password	
Operator	Access Monitoring, Access Overview	

Configure Role:

Name:

Permissions


- Manage Accounts
- Access Monitoring
- Access Overview
- Change Configuration
- Change Password

Cancel Save

You can configure a new role and assign privileges to that role



Settings – Network Health

 THERMON EGIS
Alarms Devices Settings Log Out

- General Settings
- My Account
- User Management
- Role Management
- Network Health
- License

Network Health

Name ↓	State ↓	Physical Memory Usage (Peak)	Paged Memory Size (Peak)	Paged System Memory Size (Peak)
✔ RabbitMQ	Running	4.2 MiB (4.3 MiB)	928.0 KiB (1.2 MiB)	32.3 KiB (20.9 MiB)
✔ Thermon Alarm Receiver Service	Running	166.6 MiB (172.4 MiB)	72.2 MiB (79.6 MiB)	464.9 KiB (2.3 TiB)
✔ Thermon Setting Receiver Service	Running	139.4 MiB (143.3 MiB)	63.9 MiB (68.8 MiB)	445.1 KiB (2.3 TiB)
✔ Thermon Health Monitor Service	Running	160.4 MiB (165.6 MiB)	70.5 MiB (75.6 MiB)	456.3 KiB (2.3 TiB)
✔ Thermon Message Receiver Services	Running	184.5 MiB (189.1 MiB)	74.4 MiB (79.7 MiB)	489.6 KiB (2.3 TiB)
✔ Thermon Reading Receiver Service	Running	131.6 MiB (135.6 MiB)	57.5 MiB (63.2 MiB)	434.1 KiB (2.3 TiB)
✔ Thermon Virtual Controller Server	Running	128.2 MiB (132.3 MiB)	56.2 MiB (60.8 MiB)	420.9 KiB (2.3 TiB)
✔ Thermon Device Receiver Service	Running	187.7 MiB (192.0 MiB)	75.8 MiB (80.6 MiB)	548.8 KiB (2.3 TiB)

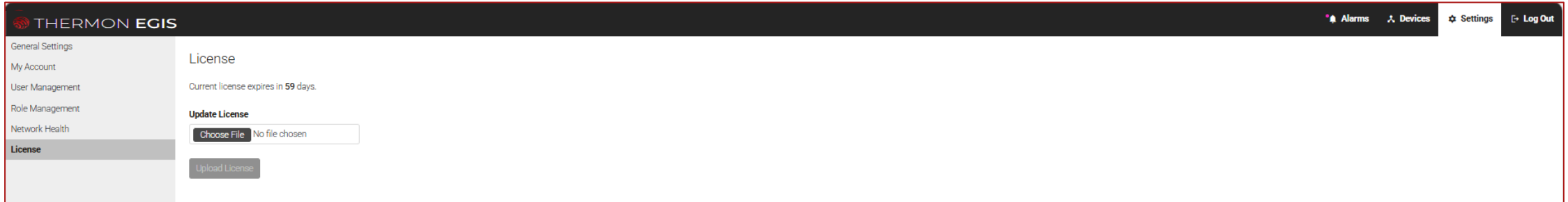
Alert Type ↓	Description ↓	Recommendation ↓	Occurred At ↓
FirmwareMismatch	nitior (Bridge) Devices are not all on the same firmware version.	Compare all device firmware versions. Devices on older firmware may run into communication issues.	2026-01-30T22:07:22.479662+00:00

Download Network Health Logs

This page is mainly used for diagnostics and troubleshooting by the Thermon Field Services Team



Settings – Upload License File



The screenshot shows the THERMON EGIS web interface. The top navigation bar includes the THERMON EGIS logo on the left and links for Alarms, Devices, Settings, and Log Out on the right. A left sidebar menu lists: General Settings, My Account, User Management, Role Management, Network Health, and License (which is highlighted). The main content area is titled "License" and displays "Current license expires in 59 days." Below this, there is an "Update License" section with a file selection input field containing "Choose File" and "No file chosen", and an "Upload License" button.

- Select the File to be uploaded
- Click the Upload button



SUBSCRIPTION MANAGEMENT

Subscription Management – Renewal Alert

The screenshot shows the Theron EGIS interface. At the top, a notification bar states: "Genesis Server license expires in 67 days. Please contact Theron to renew." Below this is a navigation bar with "Alarms", "Devices", "Settings", and "Log Out". A left sidebar contains filter options for Alarm Type, Alarm Status, Location, and Date Range. The main area displays a table of alarms with columns for Alarm Type, Reading, Device, Created At, Updated At, and Actions. A dialog box is overlaid on the table, containing the text: "Your license expires in 67 days. Attention: Your Genesis Server license will expire in 67 days. Once expired, the software will no longer function until the license is renewed. To avoid any disruption, please contact Theron to renew your license." A "Dismiss" button is at the bottom right of the dialog. A red callout box points to the dialog with the text: "Alert notification if your license is going to expire in 90 days or less". Another red callout box at the bottom of the screenshot says: "You will be able to dismiss the dialog box after the delay expires".

Alarm Type	Reading	Device	Created At	Updated At	Actions
All RTDs in Fault	—	DCM--CKT1-SPARE			✓
RTD Fault	—	DCM--CKT1-SPARE			✓
Low Current Alarm	0.03A	TCM18-CKT1-SPARE			✓
Temperature Fault	618.4°C	TCM18-CKT4-SPARE			✓
Temperature Fault	618.4°C	TCM18-CKT6-SPARE			✓
Temperature Fault	618.4°C	TCM18-CKT5-SPARE	9/2/2025, 1:01:30 PM	9/2/2025, 1:01:30 PM	✓
Low Current Alarm	0A	TCM18-CKT4-SPARE	9/2/2025, 1:01:29 PM	9/2/2025, 1:01:29 PM	✓
Low Current Alarm			9/2/2025, 1:01:28 PM	9/2/2025, 1:01:28 PM	✓
Temperature Fault			9/2/2025, 1:00:46 PM	9/2/2025, 1:00:46 PM	✓
High Ground Current Trip			8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
Temperature Fault			8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
High Ground Current Alarm			8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓



Subscription Management – Renewal Alert

Genesis Server license expires in 67 days. Please contact Theron to renew.

Alert notification will continue to be displayed till the subscription expires or is renewed

You will be able to dismiss the alert

Alarm Type	Reading	Device	Created At	Updated At	Actions
All RTDs in Fa			10/30/2025, 4:44:57 PM	10/30/2025, 4:44:57 PM	✓
RTD Fault			10/30/2025, 4:44:57 PM	10/30/2025, 4:44:57 PM	✓
Low Current A			9/3/2025, 10:17:31 AM	9/3/2025, 10:17:31 AM	✓
Temperature b			9/2/2025, 1:01:32 PM	9/2/2025, 1:01:32 PM	✓
Temperature Fault	618.4°C	TCM18-CKT6-SPARE	9/2/2025, 1:01:28 PM	9/2/2025, 1:01:31 PM	✓
Temperature Fault	618.4°C	TCM18-CKT5-SPARE	9/2/2025, 1:01:30 PM	9/2/2025, 1:01:30 PM	✓
Low Current Alarm	0A	TCM18-CKT4-SPARE	9/2/2025, 1:01:29 PM	9/2/2025, 1:01:29 PM	✓
Low Current Alarm	0A	TCM18-CKT6-SPARE			✓
Temperature Fault	618.4°C	TCM18-CKT1-SPARE			✓
High Ground Current Trip	-	TCM18-CKT2-SPARE			✓
Temperature Fault	618.4°C	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓
High Ground Current Alarm	-	TCM18-CKT2-SPARE	8/27/2025, 10:02:29 AM	8/27/2025, 10:02:29 AM	✓

IMPORTANT – Please take necessary action to complete your subscription renewal to avoid disruption





Thank you