



Vertiv™ Environet™ Alert

Quick Installation Guide

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Technical Support Site

If you encounter any installation or operational issues with your product, check the pertinent section of this manual to see if the issue can be resolved by following outlined procedures.

Visit <https://www.vertiv.com/en-us/support/> for additional assistance.

TABLE OF CONTENTS

1 Introduction	1
1.1 Login Page	1
1.2 Status Icons	1
1.3 Utility Icons	3
1.4 Initial Login	3
1.5 Create a Site	3
1.6 Create a Contact	4
1.7 Create a Board	4
1.8 Create a Group	5
1.9 Create a Device	5
1.10 Add Devices to a Group	6
1.11 Device Point Configuration	6

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1 INTRODUCTION

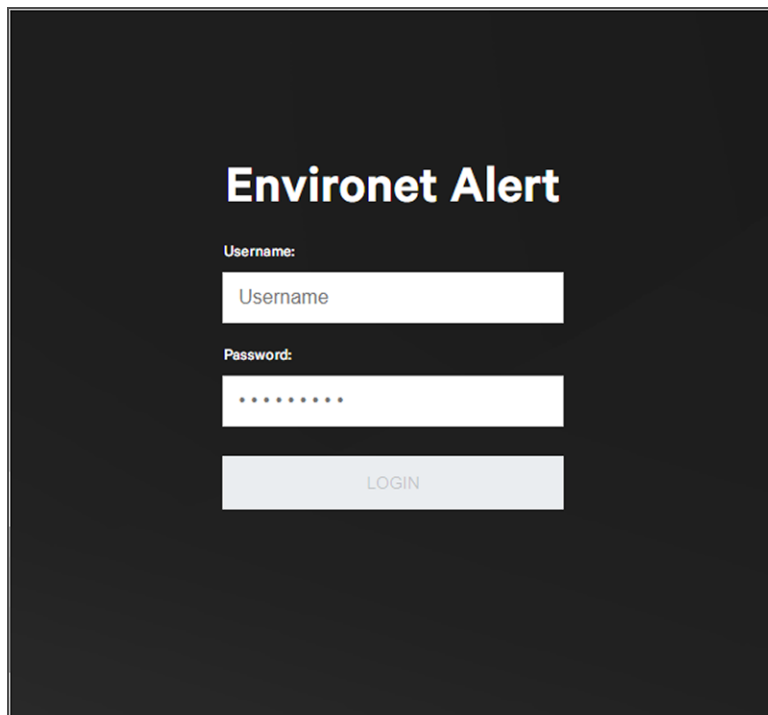
Vertiv™ Environet™ Alert requires startup services to be performed by Vertiv Services. This Quick Start guide assumes these services have been performed and the Vertiv™ Environet™ Alert software is operational on your server and accessible with a web browser.

1.1 Login Page

To access the Vertiv™ Environet™ Alert login page:

1. Enter the Host device IP address (e.g., *192.168.1.100*) or the fully qualified domain name (e.g., *environet.vertiv.com*) in your web browser's address bar. The Host device IP address is unique for each system. It can be obtained from your system administrator.
2. Type the user name and password in the corresponding text boxes and click the Login button.

Figure 1.1 Vertiv™ Environet™ Alert Login Page

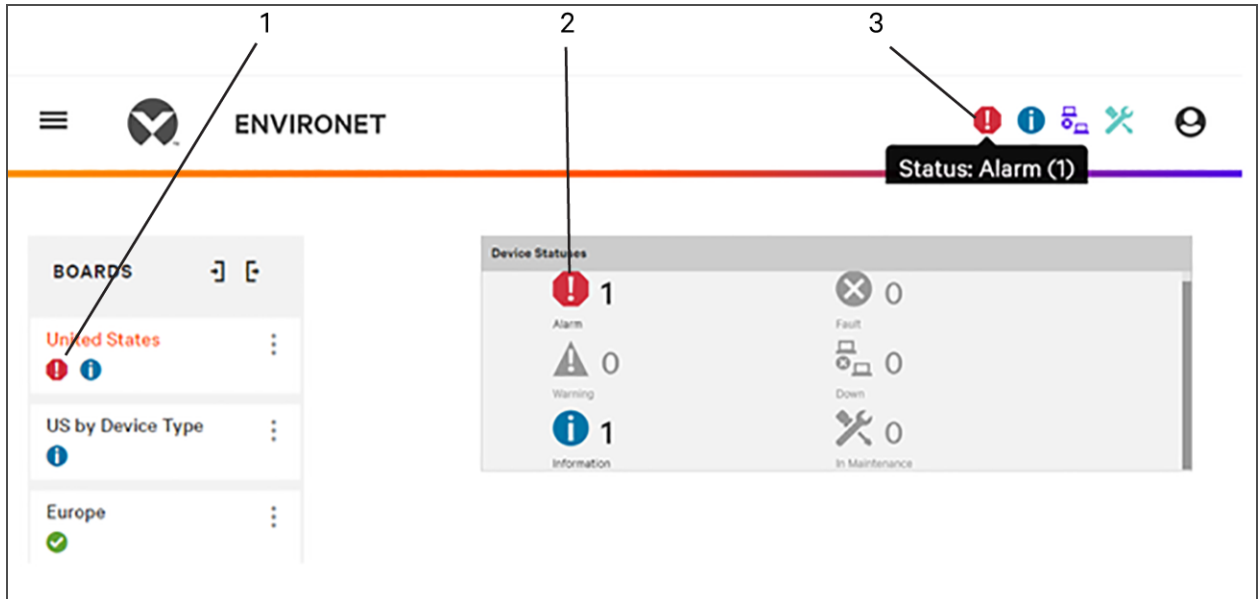


1.2 Status Icons







Vertiv™ Environet™ Alert uses status icons that repeat throughout the user interface. These icons will color when their condition occurs and will appear in the following places ([Icon Appearance on page 2](#)).

1. On the individual board where the status occurs.
2. On any dashboard where the Device Status widget is chosen.
3. In the top, right-hand taskbar of the browser window. Hovering on the icon will reveal a count of this status.

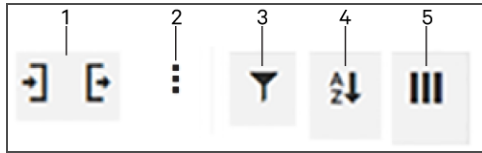
Figure 1.2 Icon Appearance



The icons are:

-  **Alarm:** A user threshold has been exceeded (e.g., Temperature > X) or a device-specific event has occurred (e.g., UPS on battery).
-  **Warning:** Similar to an alarm, but thresholds exceeded are less severe.
-  **Information** An SNMP trap event has occurred with this device.
-  **Fault:** A device point has experienced an error.
-  **Communication:** An integrated device has stopped communicating to the server.
-  **Maintenance:** Any device that requires maintenance or repair can be placed in Maintenance Mode, which prevents the software from sending alarm notifications.

1.3 Utility Icons



ITEM	DESCRIPTION
1	These icons represent the import and export functions that are available throughout Vertiv™ Environet™ Alert
2	These icons allow users to change the board organization. In the example above, a user could drag Europe above United States using this icon.
3	Allows a user to filter a list.
4	Allows a user to sort a list.
5	Allows a user to add or remove columns from a table or list.

1.4 Initial Login

Upon first log-on, the software will appear blank as shown below, without boards, devices or notifications.

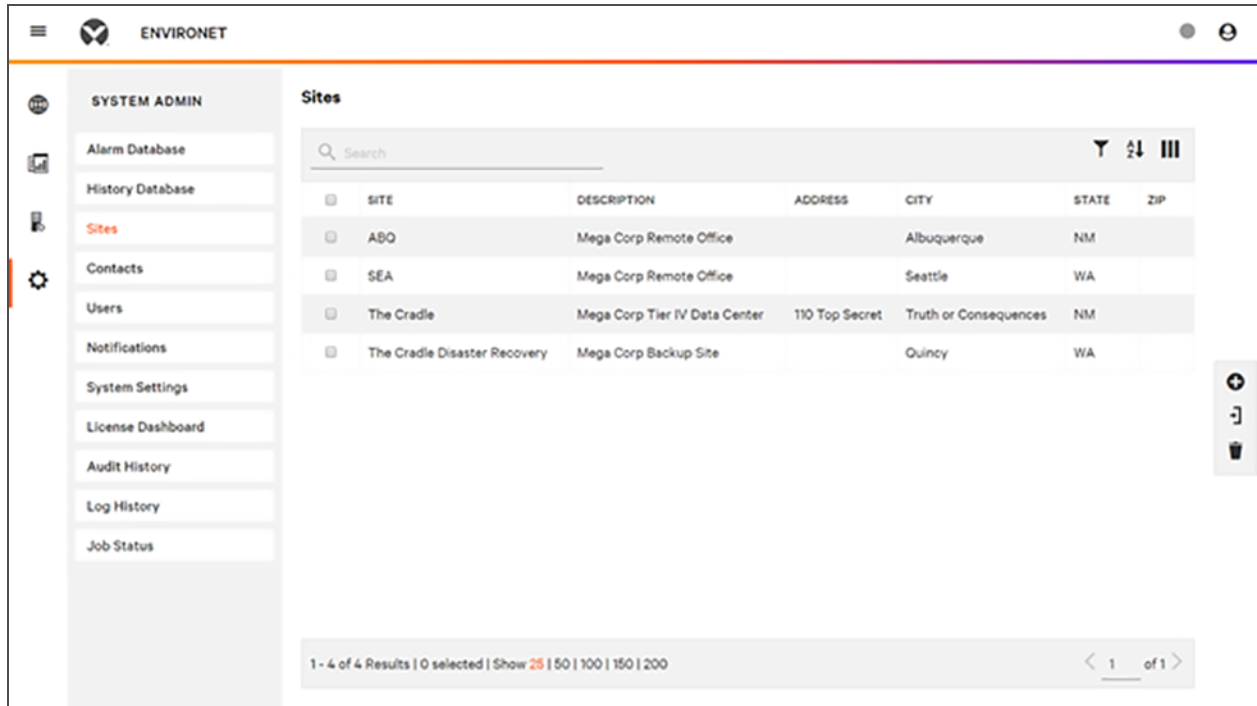


1.5 Create a Site

At least one site is required to commence building the system.

1. In the System Admin menu, click Sites.
2. Select the *Sites* tab.
3. Click the + (plus sign) at the far right of the screen.
4. Enter required details in the dialog, as shown below.

The dialogue box to create Sites is the same format as creating Contacts. Below, four sites have been created. This list, if longer, could be filtered and sorted using the icons in the upper right of the table.



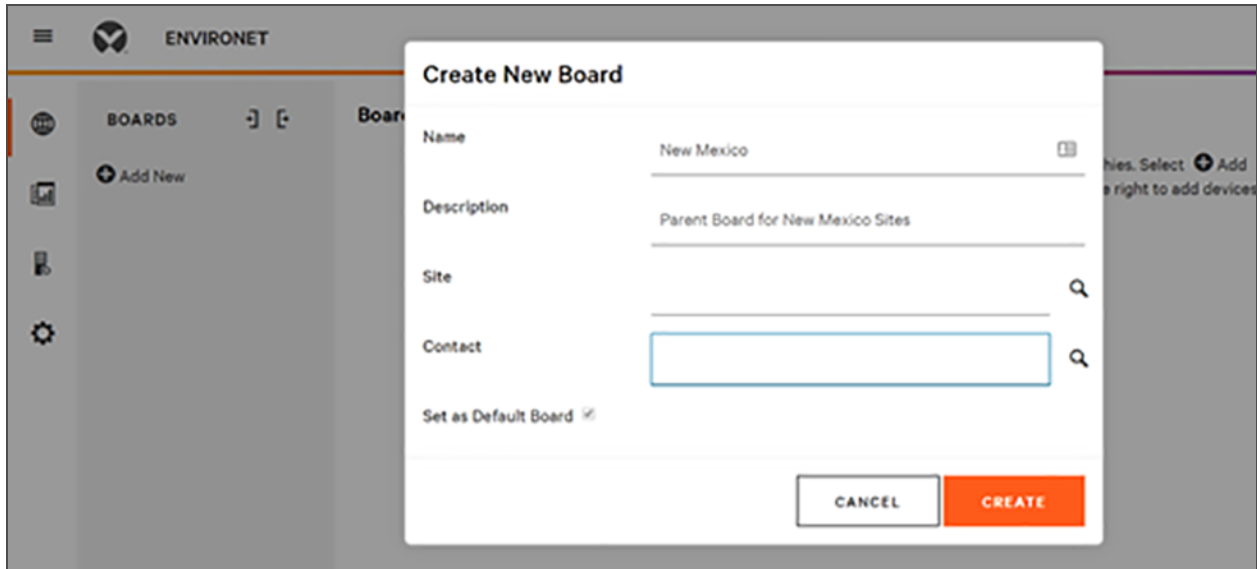
1.6 Create a Contact

1. Click the *System Admin* menu.
2. Select the *Contacts* tab.
3. Click the *+ Add New* icon. A dialogue box opens to create a contact.
4. Complete the form and click *CREATE*.
5. Repeat for as many contacts are required.

1.7 Create a Board

Boards are the foundation of Vertiv™ Environet™ Alert. They will be empty at startup.

1. Click the *Boards* icon.
2. click *Add New* to create a board hierarchy.
3. Complete the dialog and click *CREATE*.



When setting up your system, consider the logic you will follow in monitoring and managing your system. Use *Boards* and *Groups* to organize your system that makes sense for you. If layers of organization are not required, consider adding devices directly under a Board.

1.8 Create a Group

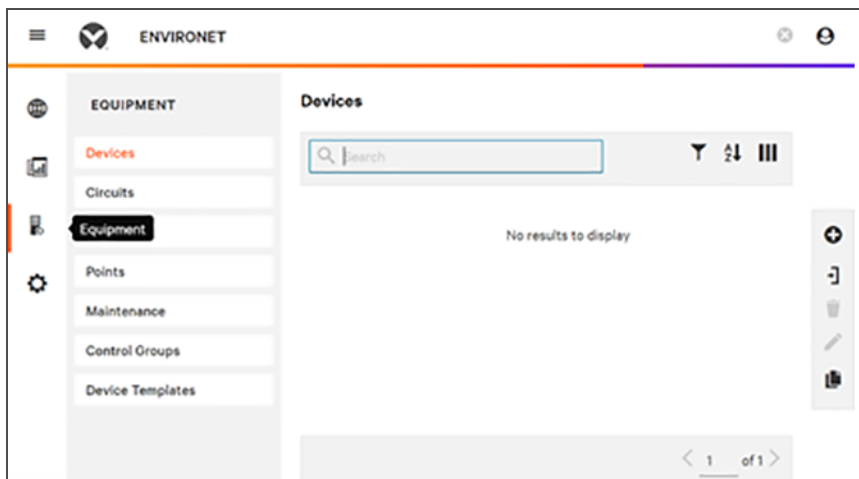
1. Click on the *Groups* tab.
2. Click the + (plus sign) at the right side of the page and select *New Group*.
3. Name the new Group.
4. Click *CREATE*.

1.9 Create a Device

Vertiv™ Environet™ Alert offers several ways to integrate devices into a system. One way is from the *Equipment* menu. For simplicity, this example assumes all devices are rack PDUs.

1. Open the *Equipment* menu and click *Devices*.

Figure 1.3 Create a Device—Equipment Menu



2. Click the + (plus sign) at the right of the screen.
3. Choose IP Address Scan (other methods are possible).
4. Enter the required data and click *Next*.
5. Vertiv™ Environet™ Alert will search the network and return all devices within the IP address range specified.
6. Put a check mark in the boxes to select all devices to be added to the system.
7. Enter logical, descriptive names for the devices in the *Add Devices* dialog that opens. (Append Incrementing number will speed naming and differentiate among the devices if several of the same type are being added.)
8. Choose the appropriate device template for the devices.
9. Click *OK*.

1.10 Add Devices to a Group

1. Navigate to the Board the devices will be added to and click on it.
2. Use the + (plus sign) at the right side of the screen to add a new Group.
3. Name the Group. This example will be *rPDUs*.
4. Select the Group; the new devices will appear in a panel at the right.
5. Use check marks to select the devices to be added to the group.
6. Click *Add to Group* (below the new devices).

1.11 Device Point Configuration

A device's SNMP data become points within Vertiv™ Environet™ Alert; these must be configured with alarm thresholds and trending intervals. Devices can be configured singly by selecting a row or collectively by selecting multiple rows. This example is for a single row.

1. Navigate to *Equipment>Devices* and select a row. (All points on the page will be arranged in a table with hyperlinked column headers.) An *Information* page opens for the device.
2. Enable or disable alarms and warnings as appropriate and then add thresholds.
3. Click *Save*.
4. Add Notification details as shown below.

NOTE: Changing a value reveals a choice of *Cancel* or *Save*. Click *Save* to make the changes effective or click *Cancel* to exit without saving.,

Figure 1.4 Device Alarm, Warning, Threshold Settings

> rPDU-1 Load
Site: CO, Denver

! 0.2%

Alarms (3) Trend Details

INFORMATION

Name: Load

Enabled:

Type: Numeric
Source: Derived

ALARM THRESHOLDS

Alarm High: Disabled

Warning High: Disabled

Warning Low: Enabled 2.5 %

Alarm Low: Enabled 1.5 %

ALARM NOTIFICATIONS

Alarm Class: Default Alarm Class

Warning Class: Default Alarm Class

Alarm Message: _____

Warning Message: _____

Alarm Return to Normal Message: _____

Warning Return to Normal Message: _____

Alarm Instructions: _____

Warning Instructions: _____

NUISANCE ALARM REDUCTION

Alarm Deadband: 0 %

Warning Deadband: 0 %

Alarm Time Delay: 0 hrs 0 mins 0 secs

Warning Time Delay: 0 hrs 0 mins 0 secs

PROPERTIES

Propagate Fault: True

Point Unit: Percent (%)

Precision: 1

CANCEL
SAVE

Table 1.1 Notification Settings

DETAIL	DESCRIPTION
Alarm (Warning) Class	Permits dividing points into distribution lists. The “Critical” alarm class, for example, can be reserved for important points and can have a different email distribution list than the “Status” alarm class.
Alarm (Warning) Message	At alarm, this message appears in the alarm console and in the email notification. Can pertain to a device or a point.
Alarm (Warning) Return to Normal Message	When this point returns to normal, this message appears in the alarm console and in the email notification.
Alarm Instructions	If this point goes into alarm, this text appears in the alarm console and in the email notification.

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