DV3102 – Alarm Types: Pre-Alarm, Standard, Emergency

Software Release

ViewPoint v1.1.1

Scope

Define alarm types for an Asset input and demonstrate where to edit alarm types based on desired alarm criteria.

Note: See related documents for information on alarm criteria

Purpose

Alarm types are set to notify specified users that an input is outside of the programed alarm limits. Setting alarm types allows for up to three alarm thresholds and notifications that are customizable based on the use case for a given input.

Note: Alarm types work with the latching option to dictate the acceptable limits within which readings need to stay. Readings outside the programed alarm limits will send notifications in accordance with escalation and latching settings.

Applicable User Groups

System Administrators, Group Administrators

Requirements

User must be logged into the ViewPoint system with System or Group Admin credentials. To create groups from all users and assets, you must be logged in with System Administrator credentials.

Note: Group Admins will only be able to edit assets assigned to groups for which they are admins.

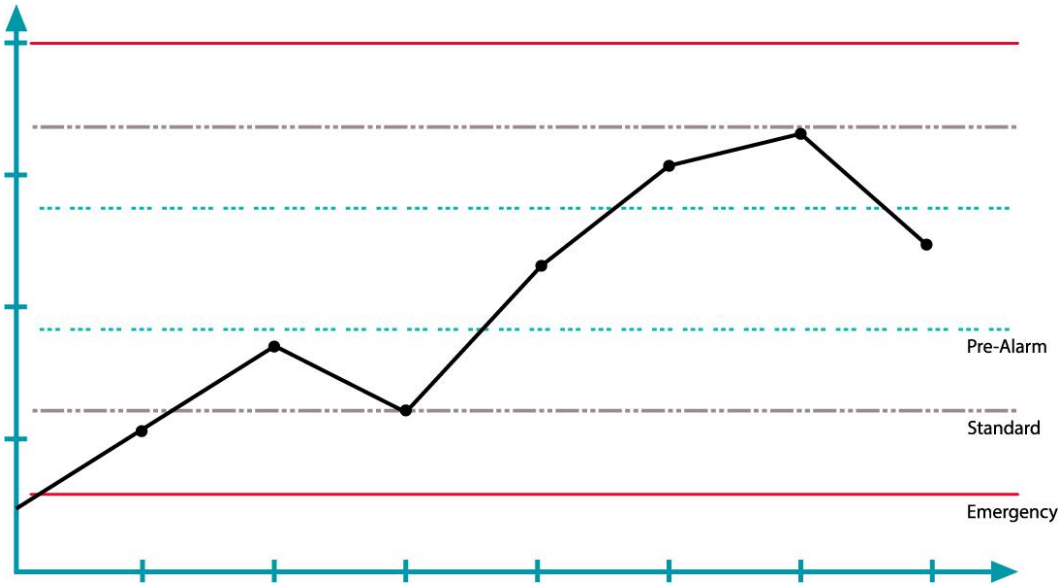
Definitions

Pre-Alarm	The narrowest acceptable reading range. Typically used to send an alert that an input is getting close to the standard limit.
Standard	The alarm limits that define the normal range of readings. If no other limits are set, Standard alarm limits should be set.
Emergency	The broadest acceptable reading range. This limit does not allow any alarm delay, and will send notifications immediately. Should be set at levels to prevent product loss and damage.

Mesa Labs, Inc.
12100 W. 6th Avenue
Lakewood, CO 80228 USA

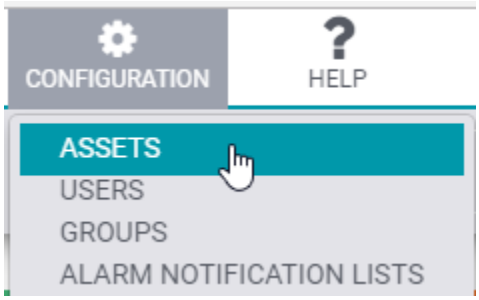
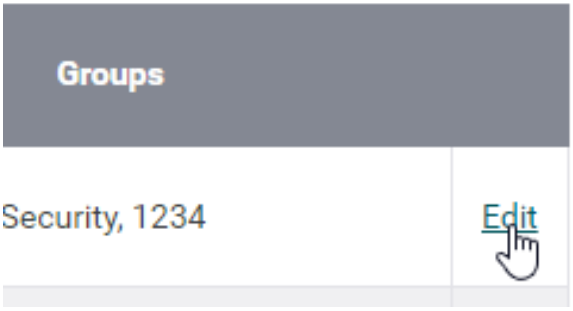
MesaLabs

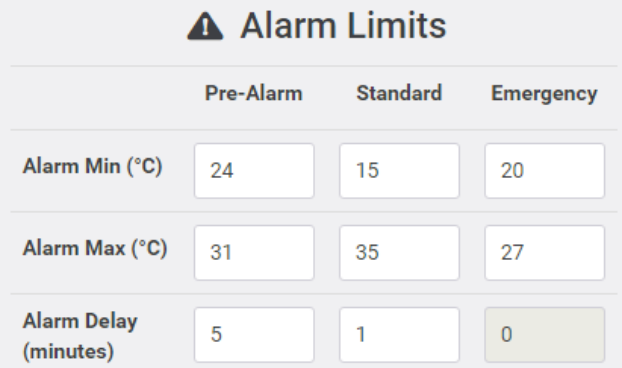
Tel: 303-565-2724
monitoring.mesalabs.com
monitoring@mesalabs.com



Alarm Types General Example

Process

Step 1	From the ViewPoint Home Screen, navigate to the **CONFIGURATION** menu and select **ASSETS**	
Results: This will open the Asset Configuration screen. **Note:** Latching preferences can be set when adding an Asset to the system, but this document will demonstrate editing an Asset already on the system.		
Step 2	Locate the VPx sensor you want to edit in the list of Assets and click Edit in the rightmost column of the of the Asset list. **Note:** Make sure you are selecting the Edit link on the line of the Asset you would like to edit.	
Results: This will bring up the Asset settings screen.		

Step 3	Navigate to the Inputs section at the bottom of the page. The alarm types settings are labeled ⚠ **Alarm Limits**. **Note:** If you have multiple inputs on an Asset, make sure that you are editing the latching settings for the correct input.	
Results: This is where you can set the alarm limits and alarm delay for each of the alarm types. **Note:** The units of measure are determined by the type of input. This document shows temperature readings. The units may be different for your input depending on what is being measured (°C), but the process is the same. (See related records for explanation of Pre-Alarm, Standard and Emergency alarm types). If your organization has 21 CFR Part 11 activated (this is activated by default), then you will have to enter your credentials to authenticate the change.		
Step 4	Enter your username and password.	
Results: This will authenticate the process, and add your credentials to the change log to show who added the user and when.		
Step 5	Click Save button to save changes.	
Results: Alarm Min, Max, and Alarm delay options have now been updated. All future readings will trigger an alarm state according to the new settings.		

Related Documents

Document No.	Title	Scope
DV3101	Alarm Criteria: Thresholds and Alarm Delay	Define alarm criteria for an Asset input and demonstrate where to edit alarm criteria settings for an input.
DV3103	Alarm Latching	Outline the difference between latching and non-latching alarms, and show where this setting is located on an existing asset.
DV3105	Alarm Handling: Inhibiting an Alarm	Disabling system notifications for an Asset by temporarily Inhibiting an Alarm for an Asset which is in an Alarm state.
DV3106	Local Audible & Visual Alarm on VPx Sensor	1. Establishing VPx sensor Local Audible & Visual Alarm settings 2. Mute the alarm at the sensor (this does not affect the system alarm handling)
DV3107	Alarm Handling: Closing an Alarm	Resolving an Alarm and Filing a Corrective Action for an Asset which is in an Alarm state.