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Knowledge Base Article

Product Group: Software
Product: CMSW7400 – @ptitude Analyst
Version: N/A

Abstract

To enable data collection under special conditions, Alarm Groups can be set up which will group POINTs together and collect data when any of the POINTs go into alarm. It is also possible to set up active ranges with speed, process, or digital conditions to collect data within a defined range or condition. This article describes a brief procedure on how to add **Alarm Groups**, and set up **Relays** and **Active Ranges** in SKF @ptitude Analyst.

Overview

The procedures below describe how to add **Alarm groups**, and set up **Relays** and **Active Ranges** within SKF @ptitude Analyst.

To Create a New Alarm Group

1. In @ptitude Analyst, go to **Customize > Alarm Attributes > Alarm Settings…** [Figure 1]
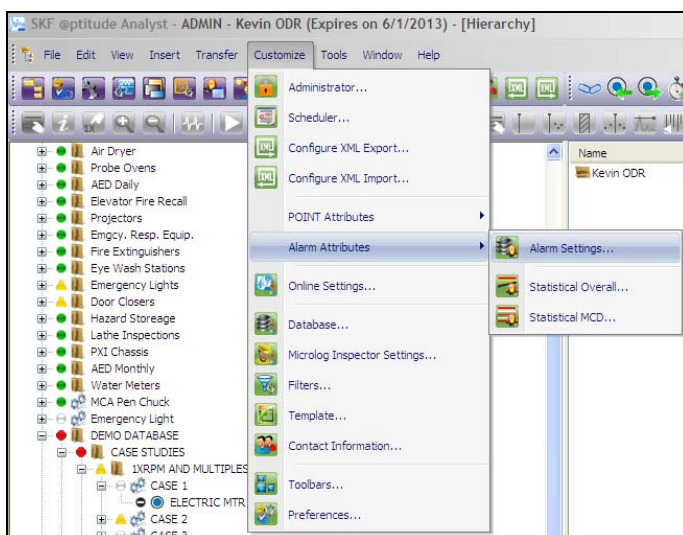

Figure 1. Customize > Alarm Attributes > Alarm Settings…

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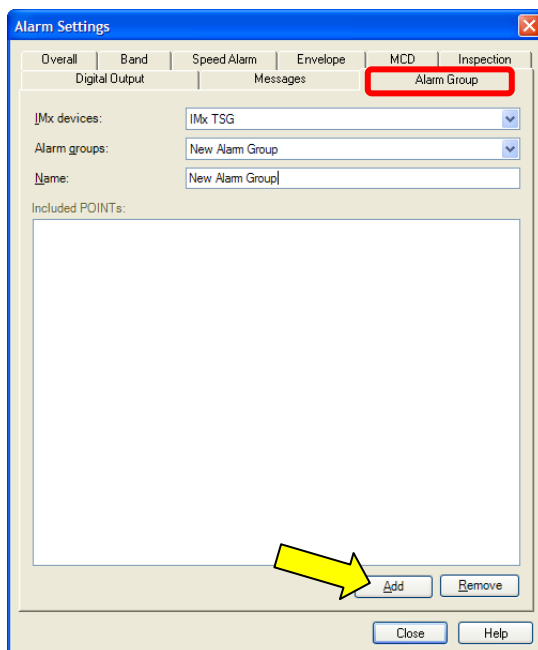2. Select the **Alarm Group** tab, and then click the **Add** button. [Figure 2]

Figure 2. Alarm Settings

3. Select an IMx device from the drop-down list, and enter a name for the alarm group in the **Name** field.

> ➢ POINTs are added to an alarm group from the **Point Properties > IMx Setup** tab.

> ➢ For existing alarm groups, the POINTs that have been added to the alarm group may be viewed in the **Included POINTs** area. This is a read-only field. To add or remove POINTs from the alarm group, you must edit the POINT's properties on the **POINT Properties > IMx Setup** tab.

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To Remove an Alarm Group

1. Select the alarm group to be removed from the **Alarm group** drop-down list. [Figure 3]
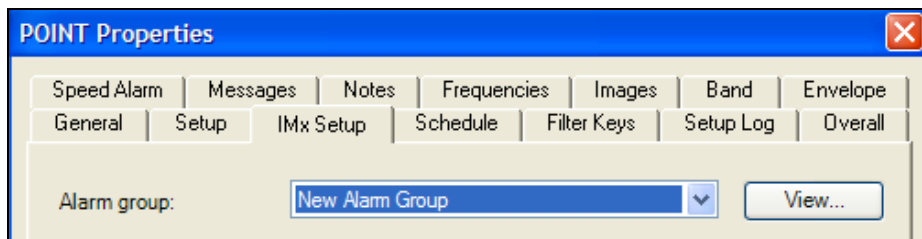

Figure 3. Select Alarm group to remove

2. If POINTs are included in this alarm group [Figure 4], they must first be removed by editing the POINT's properties on the **POINT Properties > IMx Setup** tab.
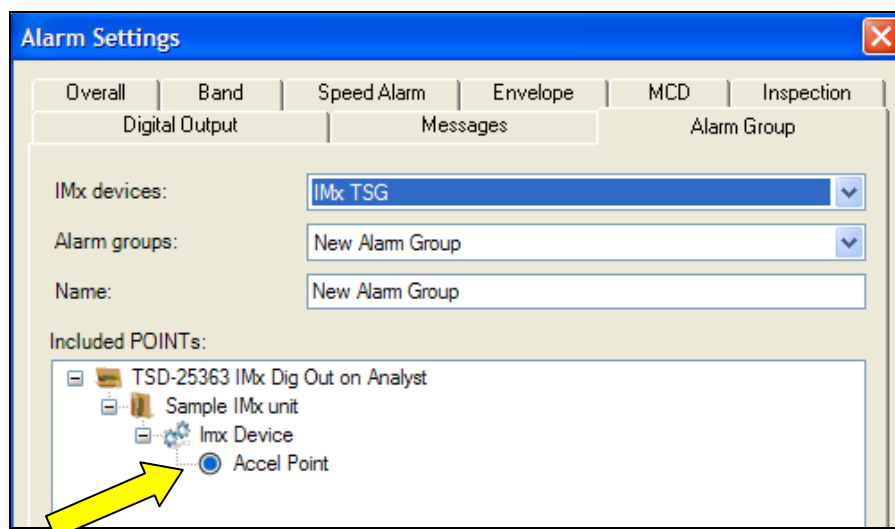

Figure 4. POINTs included in alarm group

3. Press **Remove**.

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Setting Up Relays and Active Ranges

1. In the **IMx Setup** tab, select the **Alarm group** from the drop-down list.

2. Select the **Alert relay** and **Danger relay**, if needed.

3. Set the active range for **speed**, **process**, or **digital**, by pressing **Select...** and choose the POINT to enable collection.

4. Check the **Enable active range** option, and then set the **Min**, **Max**, and **Delta** ranges. [Figure 5]

5. For digital collection, ensure the **Active state** is set.

Figure 5. Enable active range

6. Press **OK** to save the changes, then exit POINT Properties.

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by email at TSG-Americas@skf.com.

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