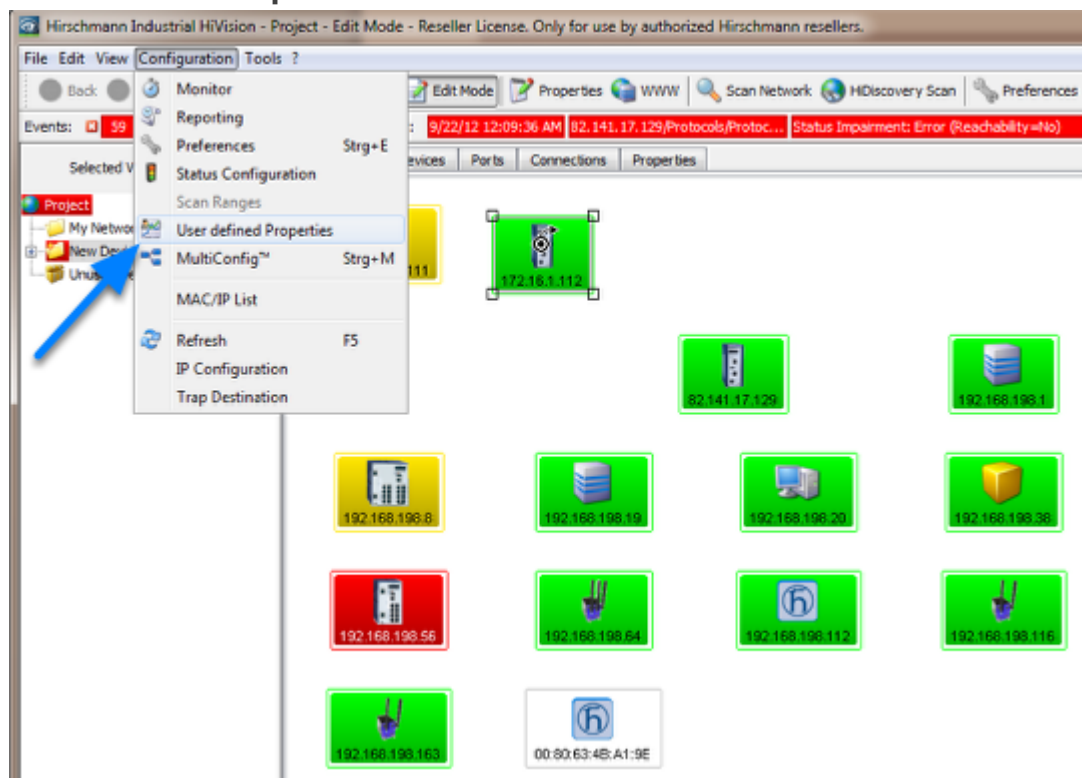


Howto display user defined properties in the map

- 2023-12-15 - Industrial HiVision

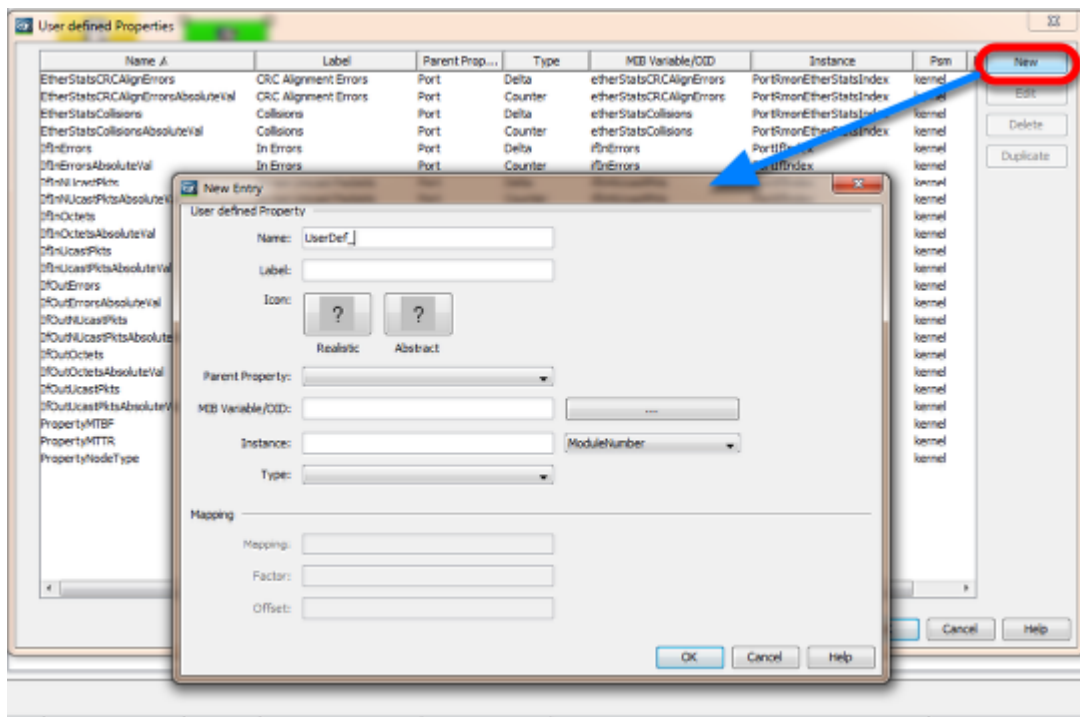
This lesson describes howto display user defined properties in the IHV map.
As an example a customized map for temperature values should be created.

User Defined Properties



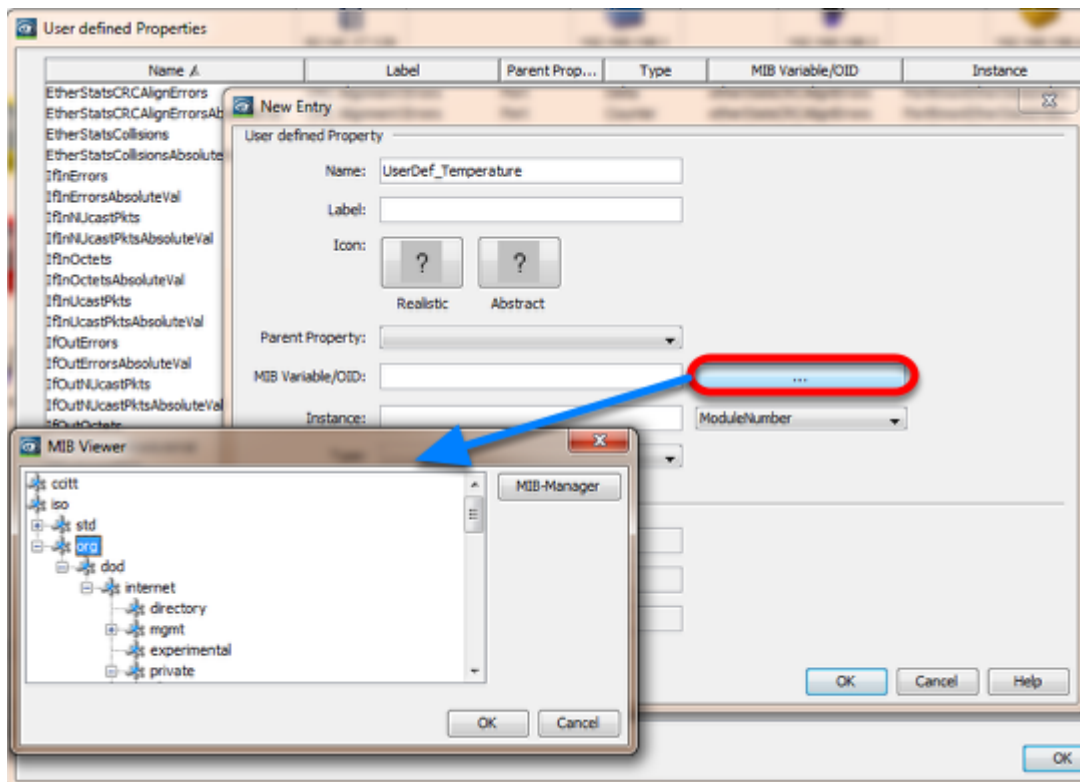
Select **Configuration -- User defined Properties**

New Entry



Click **New** to create a new property

MIB Viewer



Click the "... " button to browse through the MIB tree

or

Copy and paste the OID from the MIB Variable Finder document.

Note: Browsing the MIB and select a SNMP variable automatically fills the type field and if defined the mapping (e.g. 1=on, 2=off)

Temperature Upper Limit Property

The screenshot shows a window titled 'Edit' with a close button (X) in the top right corner. The main area is titled 'User defined Property'. It contains the following fields and controls:

- Name:** A text box containing 'UserDef_TempUpLimit'.
- Label:** A text box containing 'Temp_UpperLimit'.
- Icon:** Two buttons with question marks, labeled 'Realistic' and 'Abstract'.
- Parent Property:** A dropdown menu showing 'Device'.
- MIB Variable/OID:** A text box containing '1.3.6.1.4.1.248.14.2.5.2' and a button with three dots '...'.
- Instance:** A text box containing '0' and a dropdown arrow.
- Type:** A dropdown menu showing 'Integer'.
- Mapping:** A section with three empty text boxes labeled 'Mapping:', 'Factor:', and 'Offset:'.
- Buttons:** 'OK', 'Cancel', and 'Help' buttons at the bottom right.

Create a new property for the upper temperature limit.

OID: **1.3.6.1.4.1.248.14.2.5.2**

Instance: 0

Type: Integer

Temperature Lower Limit Property

The screenshot shows a window titled 'Edit' with a close button (X) in the top right corner. The main area is titled 'User defined Property'. It contains the following fields and controls:

- Name:** A text box containing 'UserDef_TempLowLimit'.
- Label:** A text box containing 'Temp_LowerLimit'.
- Icon:** Two buttons with question marks, labeled 'Realistic' and 'Abstract'.
- Parent Property:** A dropdown menu showing 'Device'.
- MIB Variable/OID:** A text box containing '1.3.6.1.4.1.248.14.2.5.3' and a button with three dots '...'.
- Instance:** A text box containing '0' and a dropdown arrow.
- Type:** A dropdown menu showing 'Integer'.
- Mapping:** A section with three empty text boxes labeled 'Mapping:', 'Factor:', and 'Offset:'.
- Buttons:** 'OK', 'Cancel', and 'Help' buttons at the bottom right.

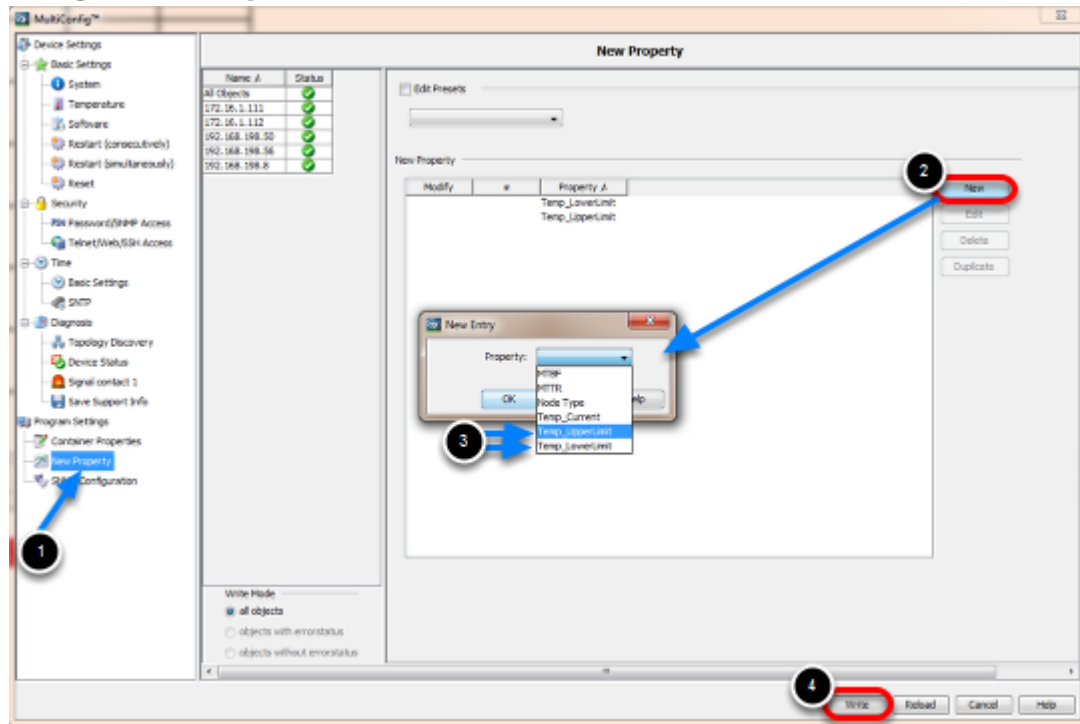
Create a new property for the lower temperature limit.

OID: **1.3.6.1.4.1.248.14.2.5.3**

Instance: 0

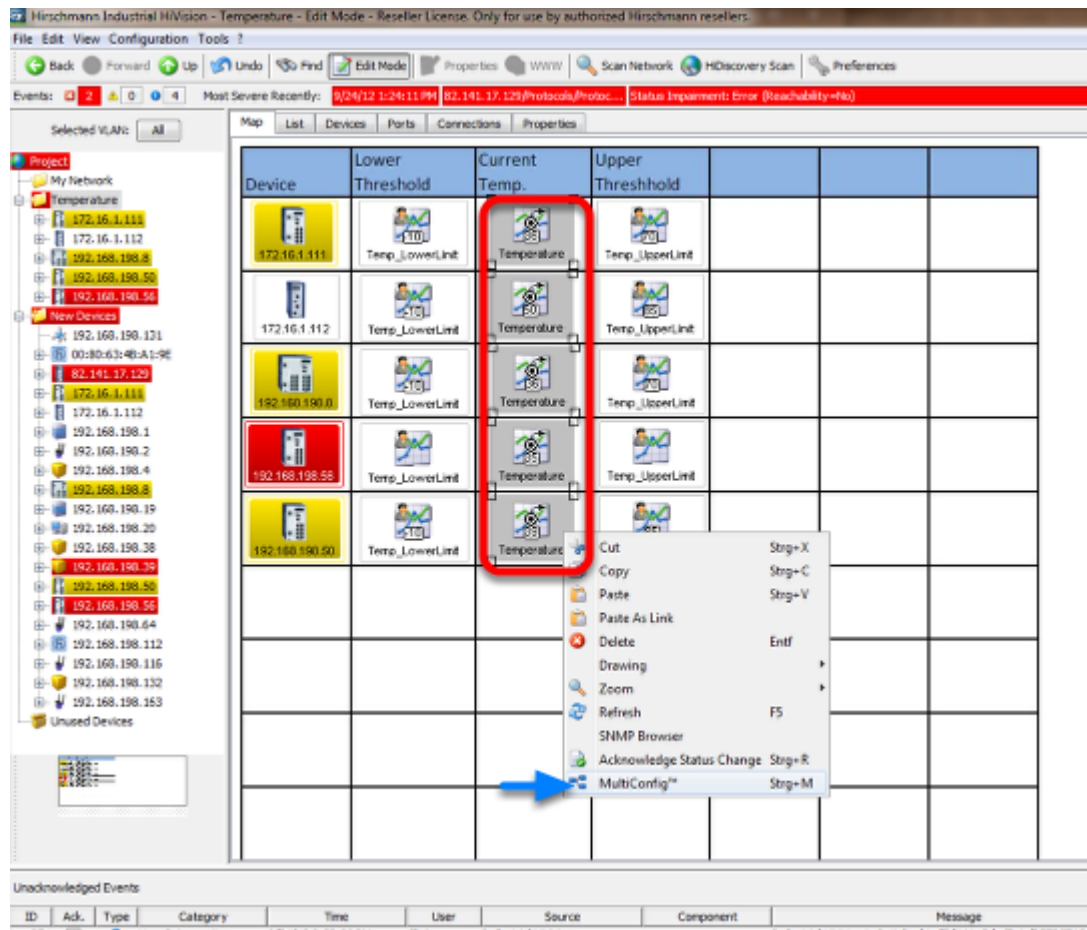
Type: Integer

Assign new Properties



1. Navigate to **New Property** in the MultiConfig
2. Click **New**
3. Select the previous configured properties and click OK
4. **Write** the changes to the selection of devices

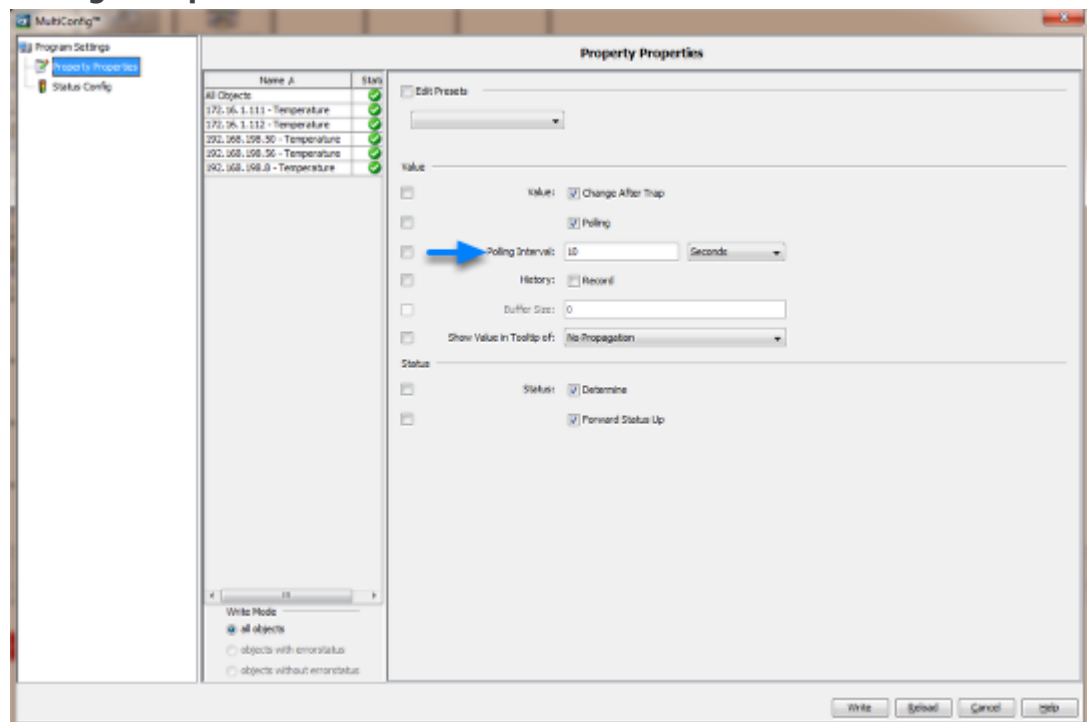
Overview Map



In the new created overview map select the current temperature icons.

Right click to open the context menu and select **MultiConfig**.

Change Properties



Change the polling interval to 10s

