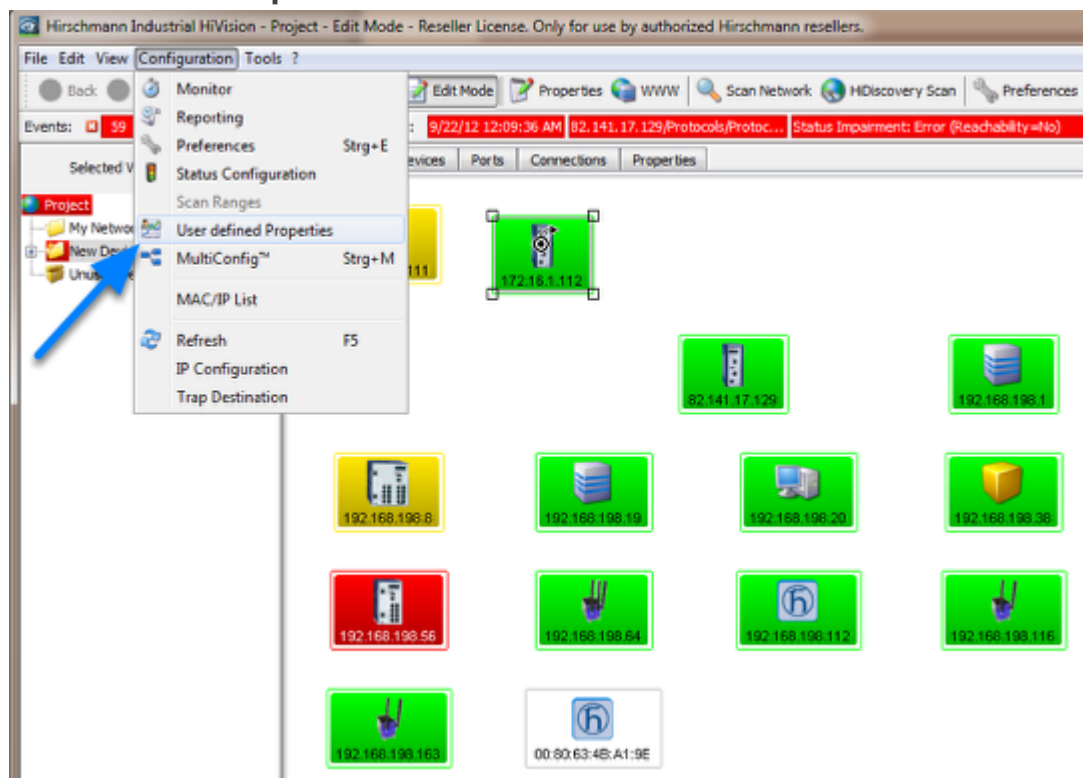


Howto display user defined properties in the map

- 2024-07-24 - Industrial HiVision

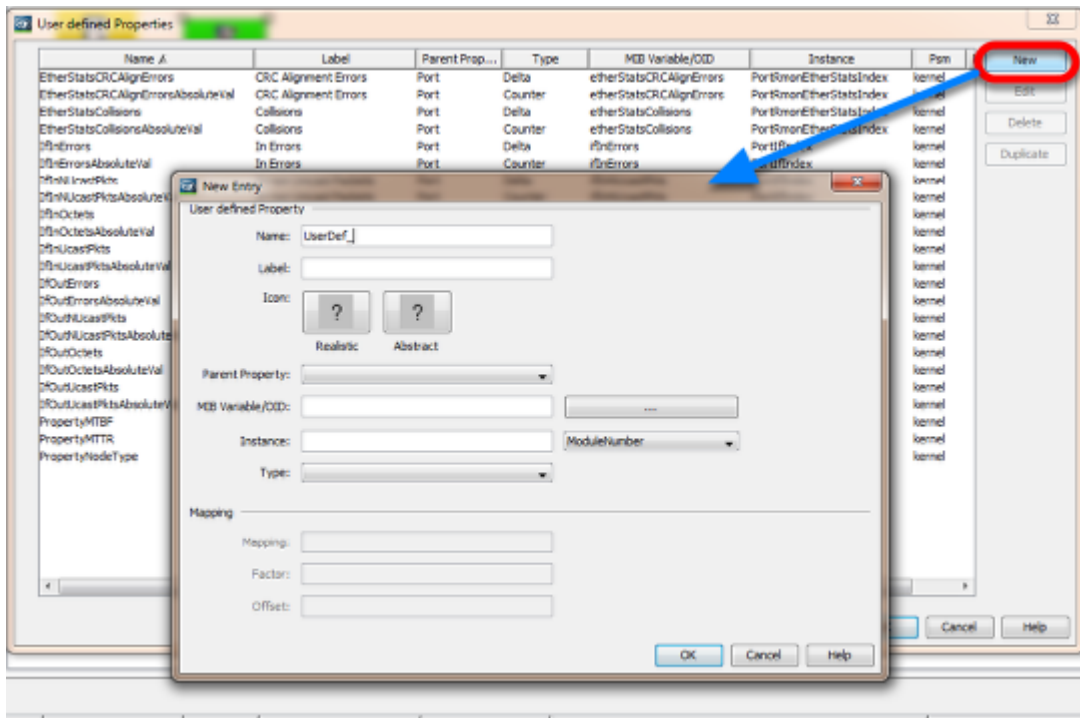
This lesson describes howto display user defined properties in the IHV map.
As an example a customized map for temperature values should be created.

User Defined Properties



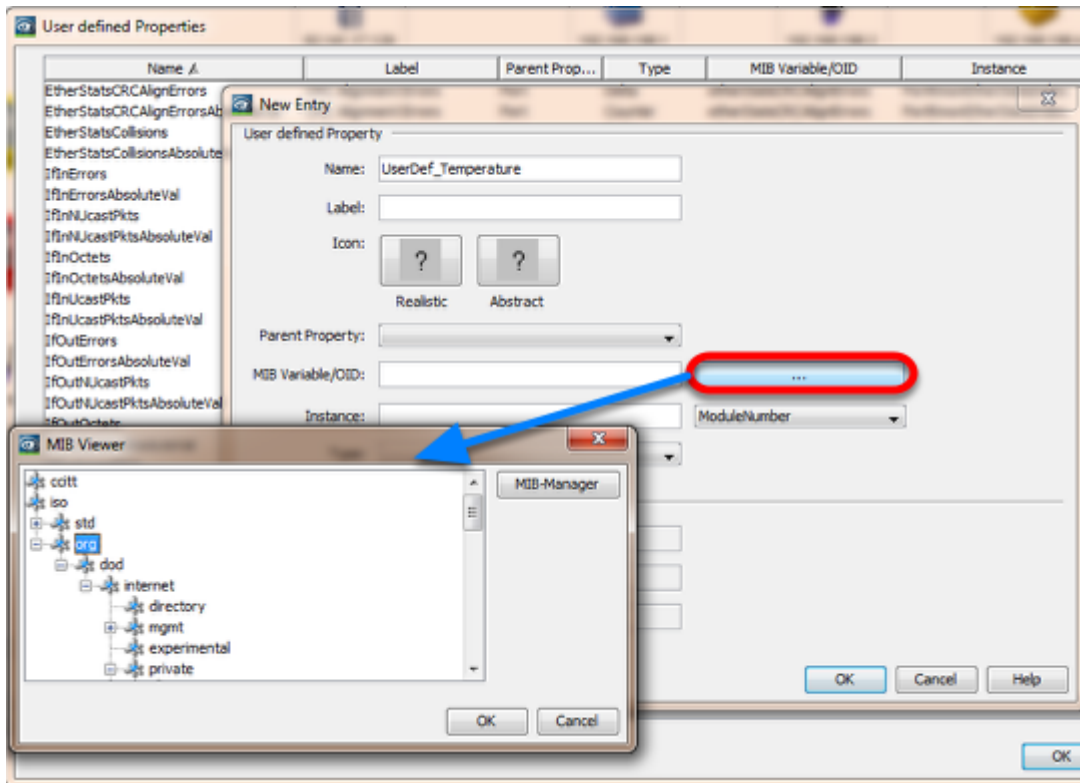
Select **Configuration -- User defined Properties**

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 the 'Edit' dialog box for a user-defined property. The fields are as follows:

- Name: UserDef_TempUpLimit
- Label: Temp_UpperLimit
- Icon: Two buttons with question marks, labeled 'Realistic' and 'Abstract'.
- Parent Property: Device
- MIB Variable/OID: 1.3.6.1.4.1.248.14.2.5.2
- Instance: 0
- Type: Integer

The 'Mapping' section contains three empty text boxes for Mapping, Factor, and Offset. At the bottom right are buttons for OK, Cancel, and Help.

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 the 'Edit' dialog box for a user-defined property. The fields are as follows:

- Name: UserDef_TempLowLimit
- Label: Temp_LowerLimit
- Icon: Two buttons with question marks, labeled 'Realistic' and 'Abstract'.
- Parent Property: Device
- MIB Variable/OID: 1.3.6.1.4.1.248.14.2.5.3
- Instance: 0
- Type: Integer

The 'Mapping' section contains three empty text boxes for Mapping, Factor, and Offset. At the bottom right are buttons for OK, Cancel, and Help.

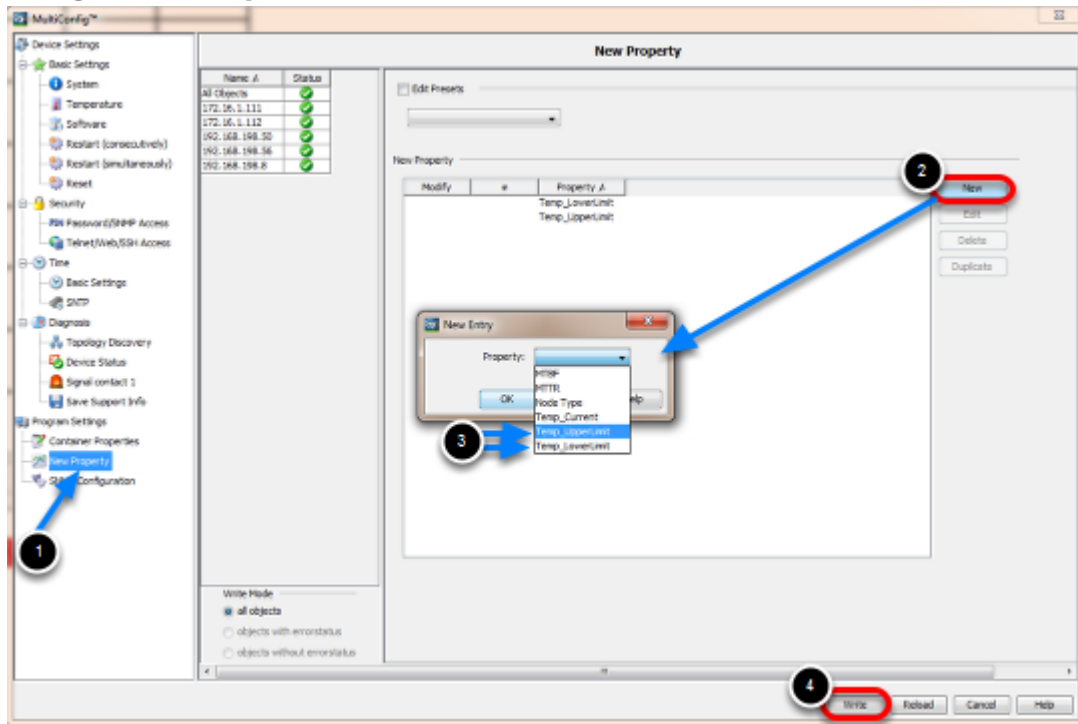
Create a new property for the lower temperature limit.

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

The screenshot displays the Hirschmann Industrial HiVision software interface. The main window is titled "Hirschmann Industrial HiVision - Temperature - Edit Mode - Reseller License. Only for use by authorized Hirschmann resellers." The interface includes a menu bar (File, Edit, View, Configuration, Tools), a toolbar with navigation and action buttons, and a status bar showing the most severe recent event: "9/24/12 1:24:11 PM 82.141.17.129 (Protocols/Protoc... Status Impairment: Error (Reachability=Hi))".

The central area is a "Map" view showing a grid of device temperature monitoring points. The grid has columns for "Device", "Lower Threshold", "Current Temp.", and "Upper Threshold". Each cell contains a small icon representing a device and its current temperature. The devices listed are:

Device	Lower Threshold	Current Temp.	Upper Threshold
172.16.1.111	Temp_LowerLimit	Temperature	Temp_UpperLimit
172.16.1.112	Temp_LowerLimit	Temperature	Temp_UpperLimit
192.168.198.8	Temp_LowerLimit	Temperature	Temp_UpperLimit
192.168.198.56	Temp_LowerLimit	Temperature	Temp_UpperLimit
192.168.198.80	Temp_LowerLimit	Temperature	Temp_UpperLimit

The bottom section of the interface shows an "Unacknowledged Events" table with the following data:

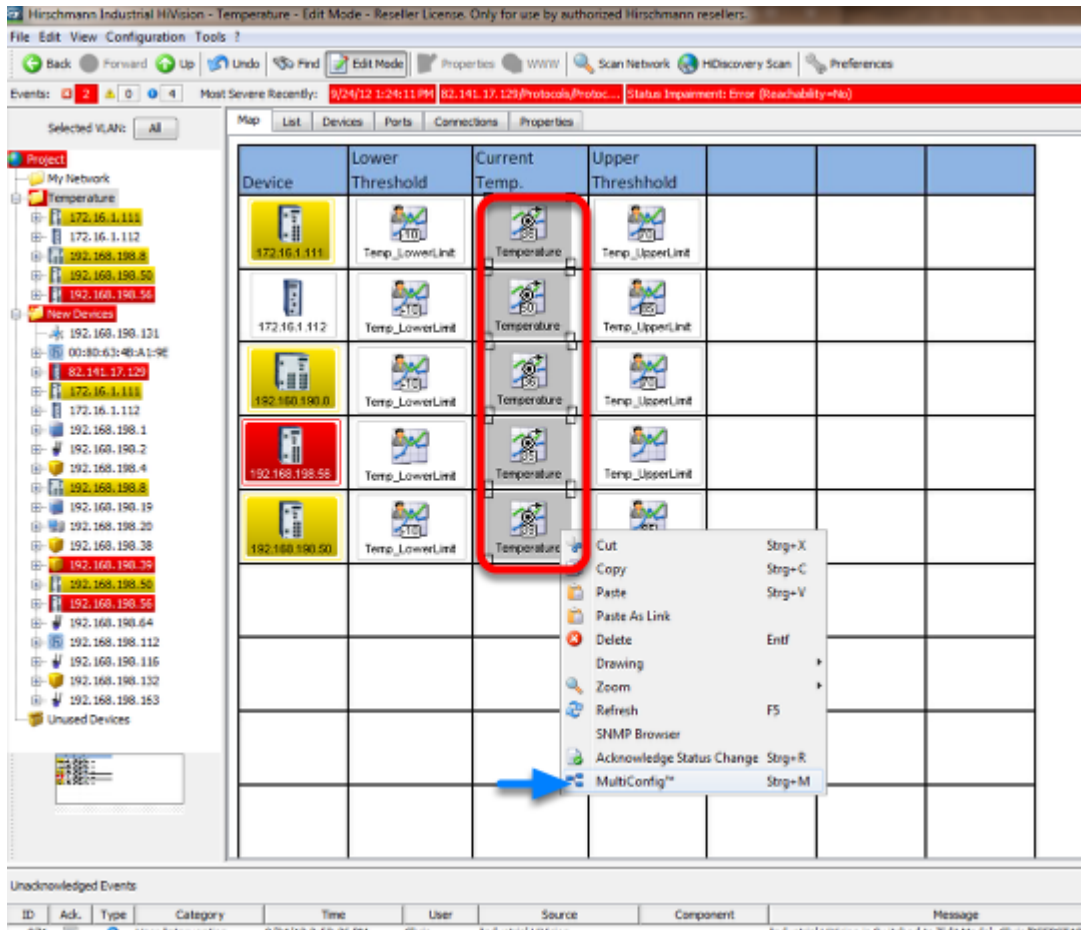
ID	Ack.	Type	Category	Time	User	Source	Component	Message
971	<input type="checkbox"/>	User Intervention		9/24/12 2:52:36 PM	Chris	Industrial HiVision		Industrial HiVision is Switched to Edit Mode: Chris,DEEPSTAR
970	<input type="checkbox"/>	User Intervention		9/24/12 2:40:37 PM	Chris	Industrial HiVision		Industrial HiVision is Switched to Run Mode: Chris,DEEPSTAR
969	<input checked="" type="checkbox"/>	Status Warning		9/24/12 1:24:11 PM	DEEPSTAR	82.141.17.129	Protocols/Protoc... (Hi)	Status Impairment: Error (Reachability=Hi)
968	<input checked="" type="checkbox"/>	Status Warning		9/24/12 1:24:10 PM	DEEPSTAR	192.168.198.56	Protocols/Protoc... (Hi)	Status Impairment: Error (Reachability=Hi)
967	<input type="checkbox"/>	Status Acknowledge		9/24/12 9:51:07 AM	Chris	New Devices		Status Change Acknowledge: Error
966	<input type="checkbox"/>	Event Acknowledge		9/24/12 9:51:02 AM	Chris	Industrial HiVision		Severe Events Acknowledged by User: 784,793-797,799-800,803-80...

Create a temperature overview map and arrange the icons accordingly.

The picture shows an example with a background image.

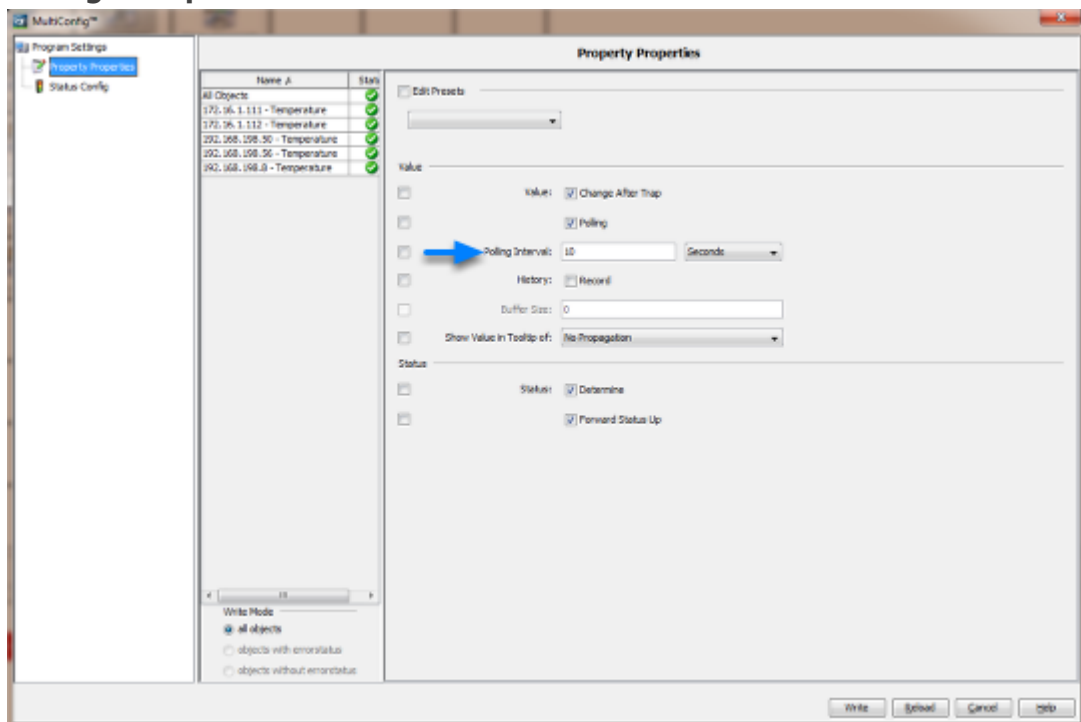
All icons are copies of objects in other maps.

Open Multiconfig



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

