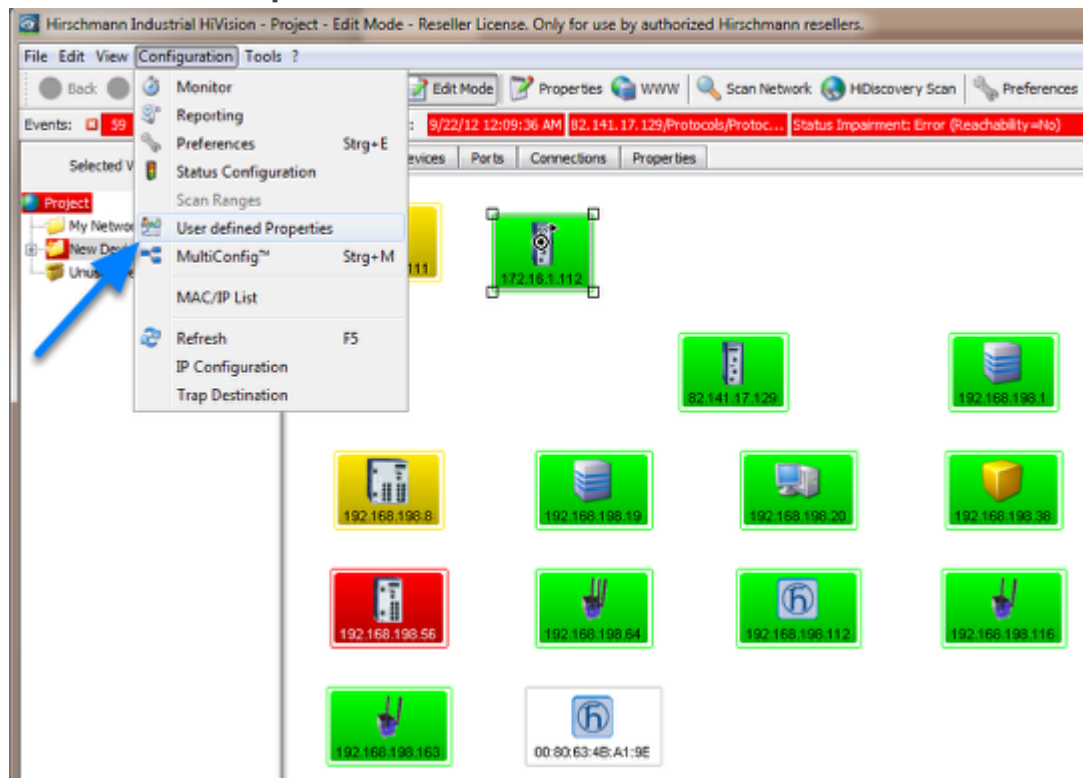


## Howto display user defined properties in the map

- 2024-07-24 - Industrial HiVision

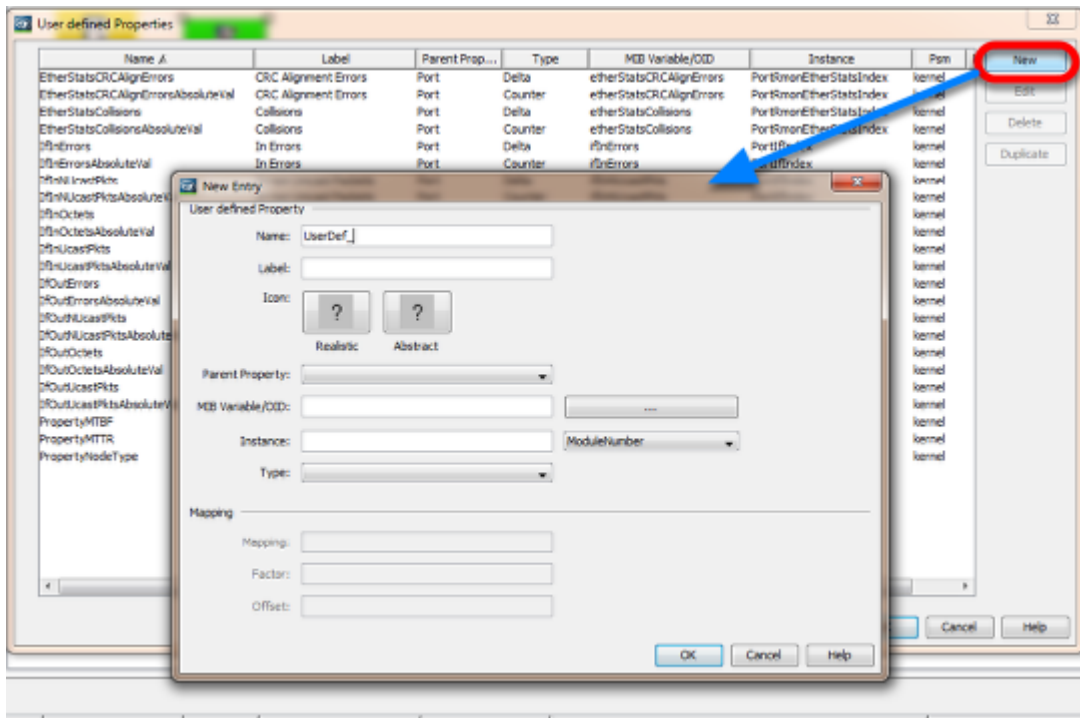
This lesson describes howto display user defined properties in the IHV map.  
As an example a customized map for temperature values should be created.

### User Defined Properties



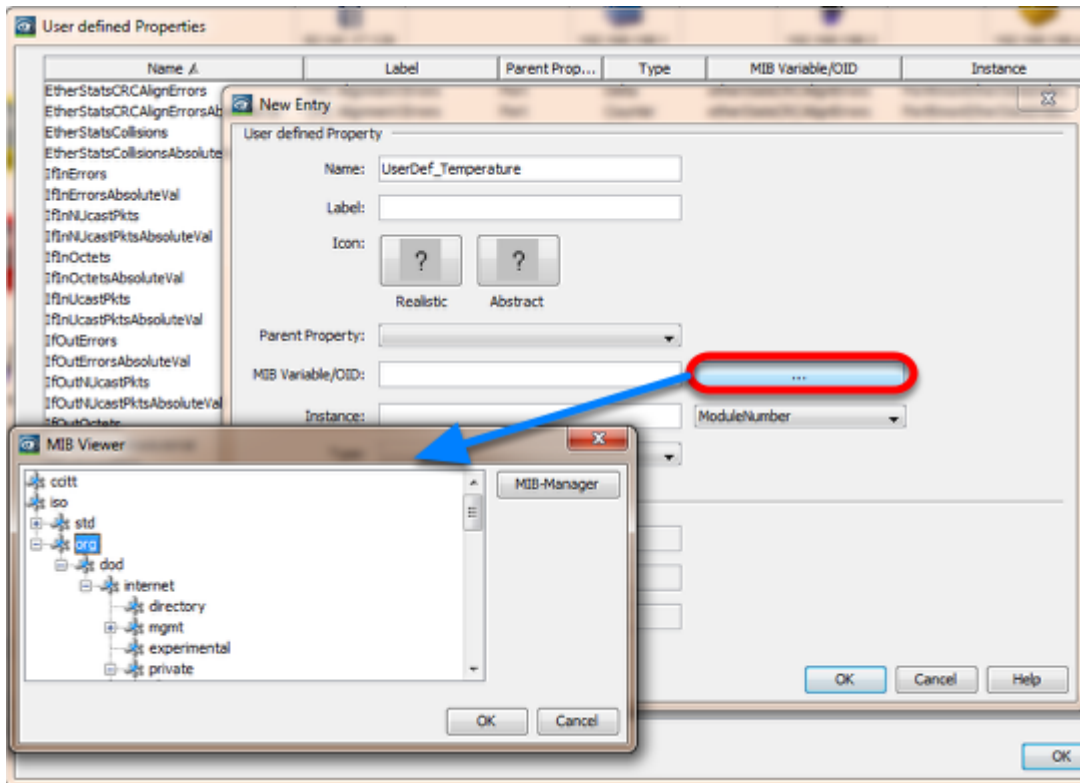
Select **Configuration -- User defined Properties**

### 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 a dialog box titled "Edit" with a "User defined Property" section. The fields are as follows:

- Name: UserDef\_TempUpLimit
- Label: Temp\_UpperLimit
- Icon: Two buttons with question marks, labeled "Realistic" and "Abstract".
- Parent Property: Device (dropdown)
- MIB Variable/OID: 1.3.6.1.4.1.248.14.2.5.2 (with a browse button "...")
- Instance: 0 (with a dropdown arrow)
- Type: Integer (dropdown)

Below the "User defined Property" section is a "Mapping" section with three empty input fields for "Mapping:", "Factor:", and "Offset:". At the bottom right are "OK", "Cancel", and "Help" buttons.

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 dialog box titled "Edit" with a "User defined Property" section. The fields are as follows:

- Name: UserDef\_TempLowLimit
- Label: Temp\_LowerLimit
- Icon: Two buttons with question marks, labeled "Realistic" and "Abstract".
- Parent Property: Device (dropdown)
- MIB Variable/OID: 1.3.6.1.4.1.248.14.2.5.3 (with a browse button "...")
- Instance: 0 (with a dropdown arrow)
- Type: Integer (dropdown)

Below the "User defined Property" section is a "Mapping" section with three empty input fields for "Mapping:", "Factor:", and "Offset:". At the bottom right are "OK", "Cancel", and "Help" buttons.

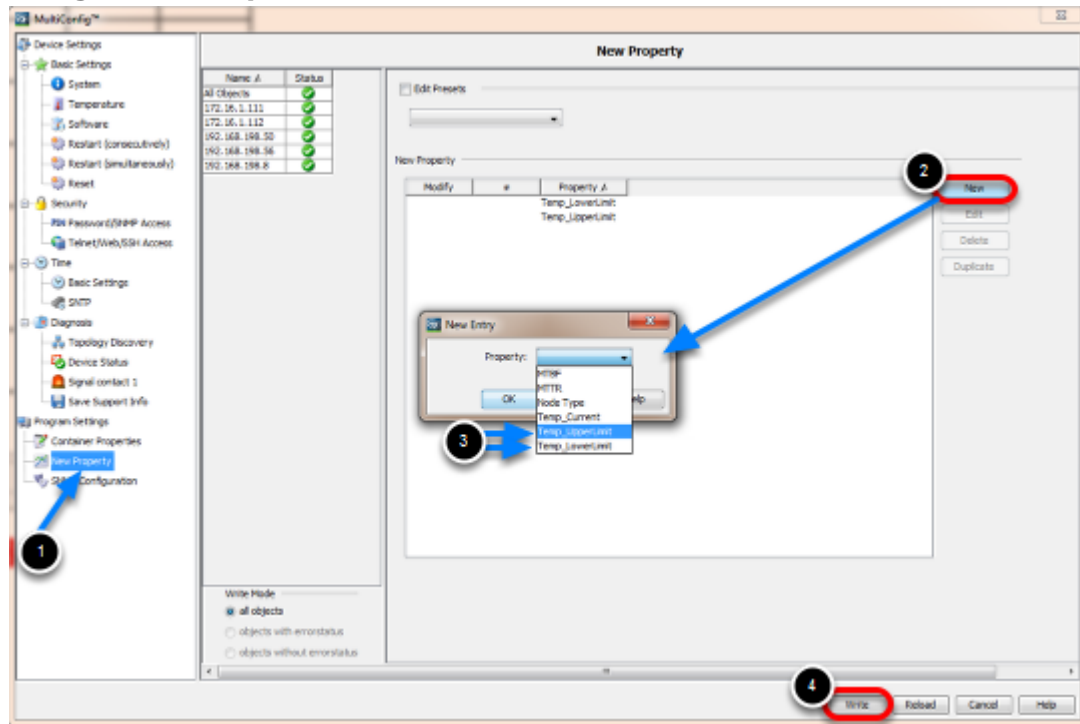
Create a new property for the lower temperature limit.

OID: **1.3.6.1.4.1.248.14.2.5.3**

Instance: 0

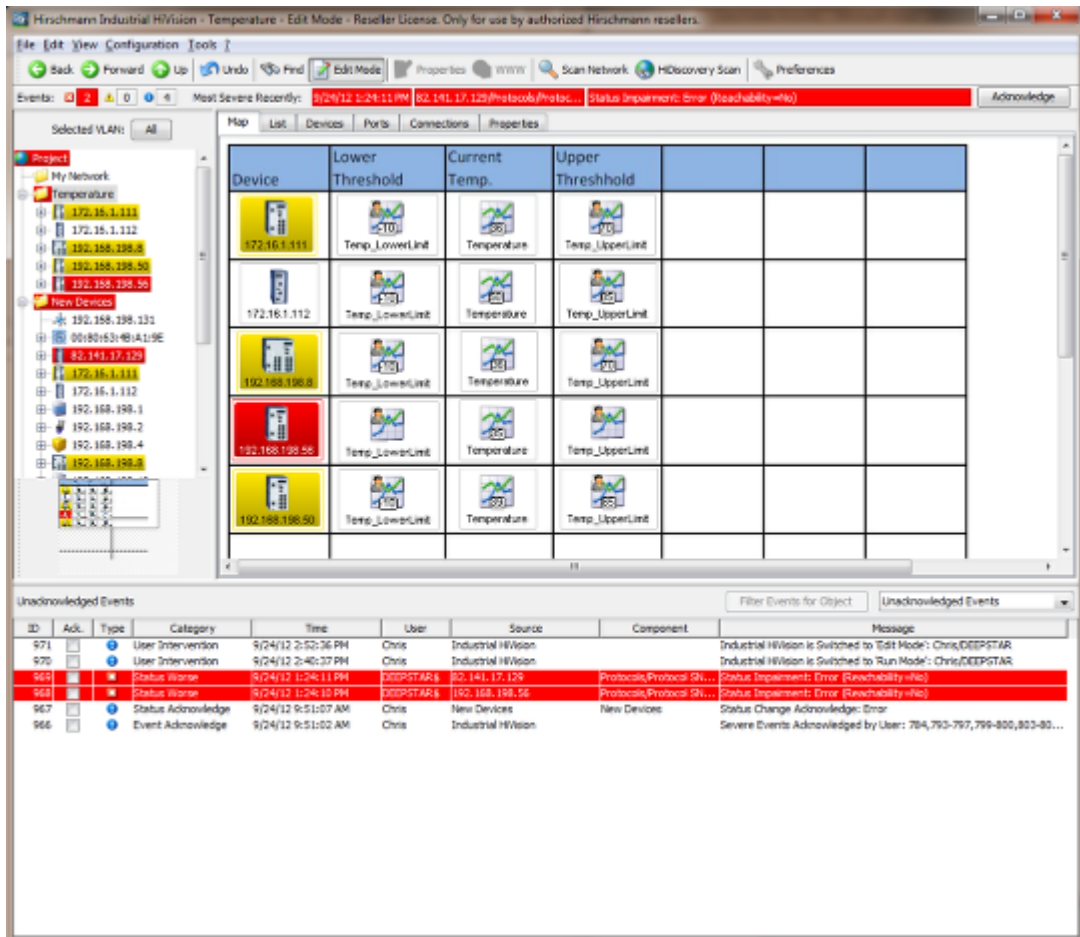
Type: Integer

## 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

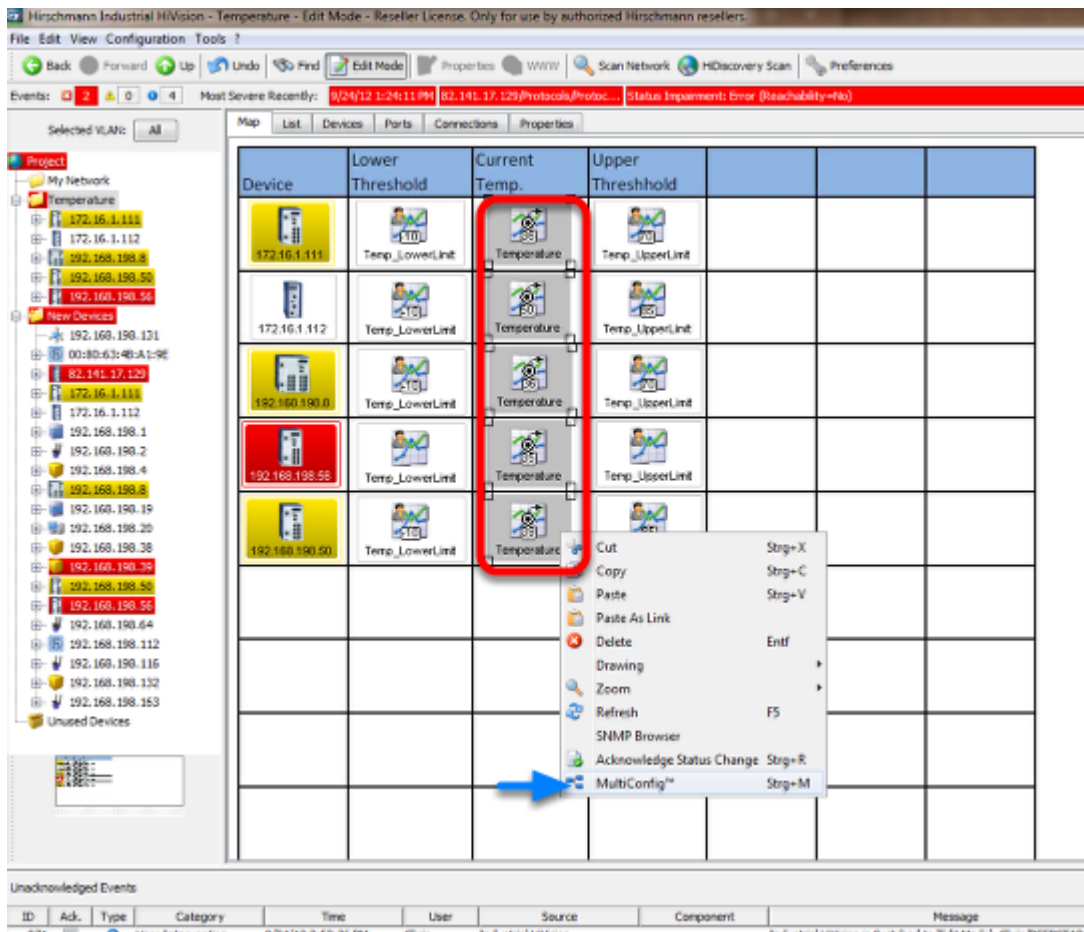


Create a temperature overview map and arrange the icons accordingly.

The picture shows an example with a background image.

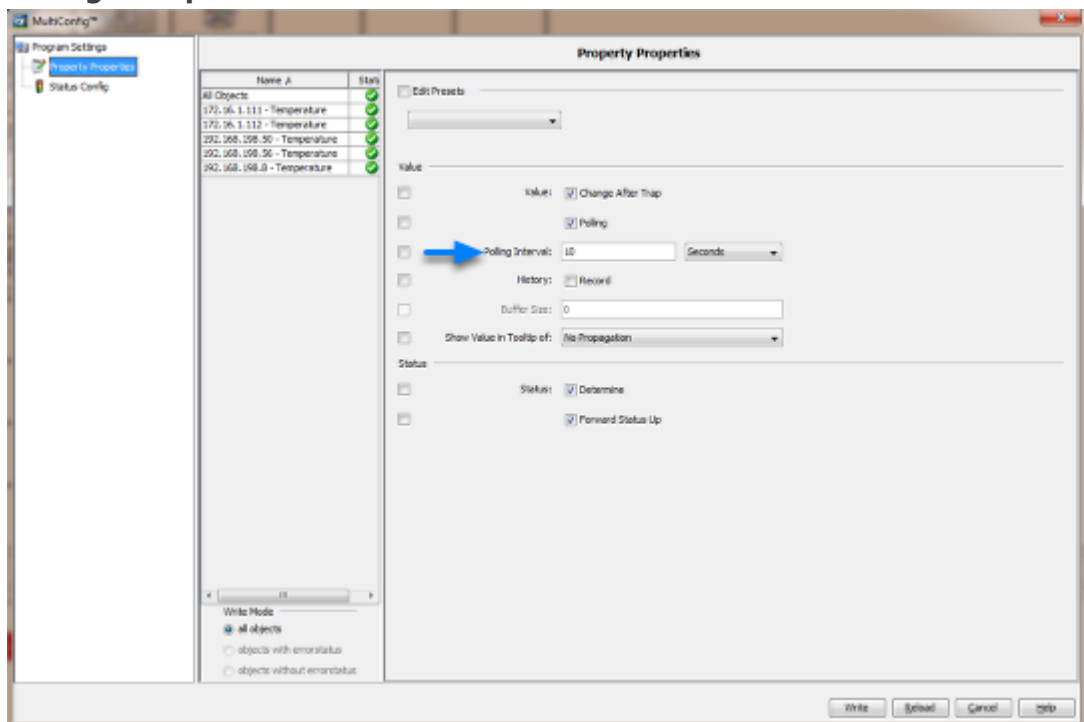
All icons are copies of objects in other maps.

## 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

