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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

Name &	Label	Parent Prop	Type	MEB Variable/OED	Instance	Psm	New
therStatsCRCAlignErrors	CRC Alignment Errors	Port	Delta	etherStatsCRCAlignErrors	PortRmonEtherStatsIndex	kernel	7.44
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					Carcel Isala		

Click **New** to create a new property

MIB Viewer

User defined Properties			_	-		
Name A		Label	Parent Prop	Type	MIB Variable/OID	Instance
EtherStatsCRCAlignErrors EtherStatsCRCAlignErrorsAb	New Entry	-	Taxi I	inerest in	distantia di Agrico da I	x J
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MIB Viewer	1.00	1	X			
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					OK	Cancel Help
		OK	Cancel			
L						OK
				_		- On

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	
		Contraction of the local division of the loc		_

💽 Edit	and the local	distantion in the state	— ×
User defined Propert	у —]
Name:	UserDef_TempUpLimit		
Label:	Temp_UpperLimit		
Icon:	Realistic Abstract		
Parent Property:	Device v		
MIB Variable/OID:	1.3.6.1.4.1.248.14.2.5.2		
Instance:	0]	
Type:	Integer v		
Mapping			
Mapping:			
Factor:			
Offset:			
		OH	Cancel 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
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💽 Edit	and the local	distant in such as	×
User defined Propert	У]
Name:	UserDef_TempLowLimit		
Label:	Temp_LowerLimit		
Icon:	Realistic Abstract		
Parent Property:	Device		
MIB Variable/OID:	1.3.6.1.4.1.248.14.2.5.3		
Instance:	0		
Type:	Integer 👻		
Mapping			
Mapping:			
Factor:			
Offset:			
		OK	<u>Cancel</u> <u>H</u> elp

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

Irschmann Industrial Hivision - Te	emperature - Edit Mo	de - Reseller License.	Only for use by aut	horized Hirschmann re	esellers.				
Ele Edit Yiew Configuration Tools	1								
G Back 🕤 Forward 🕢 Up 🕼	Undo 🏷 Find 📝	Edit Mode Prop	rtes 🌒 mmr 🖣	💫 Scan Network 🚷 I	HDiscovery	Scan Scan	Preferences		
Events: 2 4 0 0 4 Most	Severe Recently: 1	24/12 1-24-11 PM 82.1-	11, 17, 129/htelacok/h	rotoc Status Impairm	ent: Error ()	Reachability=	Ab)		Admoniedge
Selected VLAN: All	Map List Devi	ces Ports Conne	ctions Properties						
Project *	Daulas	Lower	Current	Upper					- î
Temperature	Device	Threshold	Temp.	Inreshhold		_			
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	172.18.1.112	Terp_Lows(Jinž	Temperature	Temp_UpperLimit					
	192.168.196.8	Terp_LowerLint	Temperature	Temp_UpperLimit					
	192,168,198,56	Temp_LowerLinit	Temperature	Temp_UpperLimit					
	192.168.198.50	Teng LowerLink	Temperature	Temp_UpperLinit					
	×.				_		_		+
Unadknowledged Events						Filter Ev	ents for Object	Unacknowledged	Events 💌
ID Adv. Type Category	Time	User	Source	Comp	onent	1		Message	
971 9 User Intervention	9/24/12 2:52:3	6 PM Chris	Industrial HWsion			Industrial HV	Vision is Switched	to 'Edit Mode': Chris,0	REPSTAR
969 User Intervension	9/24/12 1:24:1	1 PM DEEPSTARS	\$2,141,17,129	Protocols,Pro	otocal SN	Status Impai	ment: Dror Rea	to Run Model: Crinisy. chability=No)	ALPSTAK
968 🔳 🕷 Status Worse	9/24/12 1:24:1	D PM DEEPSTARS	192, 168, 198, 55	Protocols,Pro	otocal SN	Status Impai	iment: Dror (Rea	chability=No)	
967 967 Status Admoniada	9/24/12 9:51:00	7 AM Chris	New Devices Toductrial Million	New Devices		Status Chan Severe Even	ge Admoniedge: I	Error hyddiaetr 784 701,70	7 799-800 803-80
				_		_			

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

MultiConfig [®]	35							
giji Program Settinga	Property Properties							
Status Cavilo	None A							
	All Objects		C CONTROLO					
	172. 16. 1.111 - Temperature	9						
	172. 56. 1. 112 - Temperature	9		1				
	192, 168, 198, 50 - Temperature	9						
	192.168.198.56 - Temperature	0						
	192.168.198.8 - Temperature	0	Value					
			🖂 Takes	Change After Trap				
				2 Poling				
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Change the polling interval to 10s