

Configuration Signature Check

- 2018-02-21 - Industrial HiVision

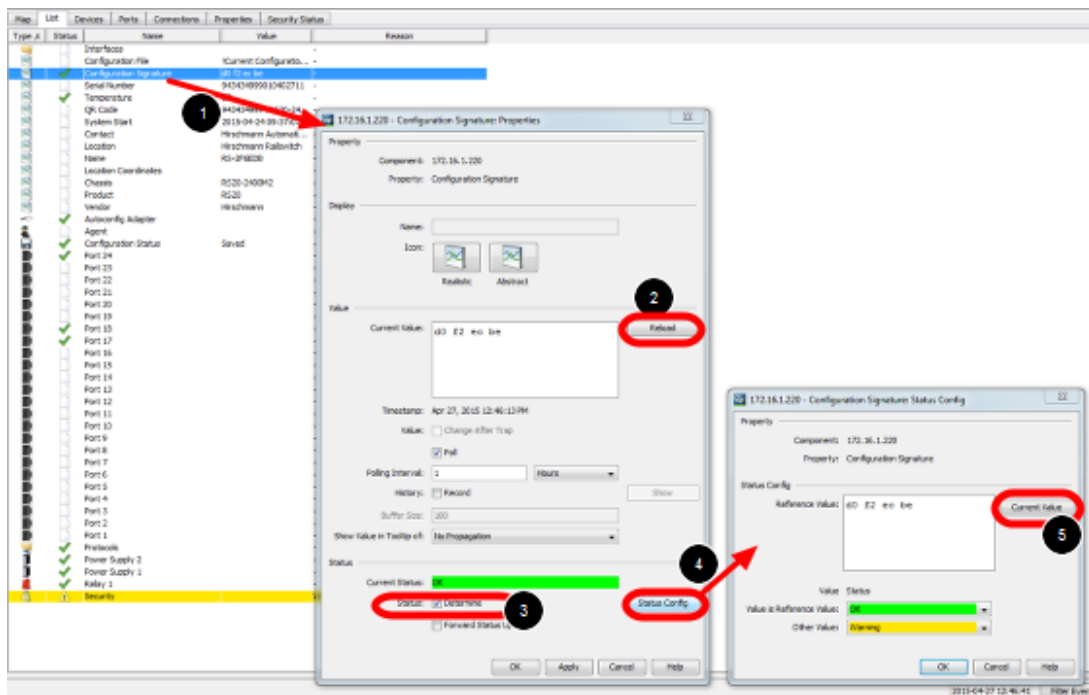
As of v6.0 IHV is able to monitor the configuration signature of a device (Platform4, Platform5, EAGLE)

Therefor the signature is stored in a property.

The standard polling/status configuration can be used for comparing the configuration signature to the reference signature.

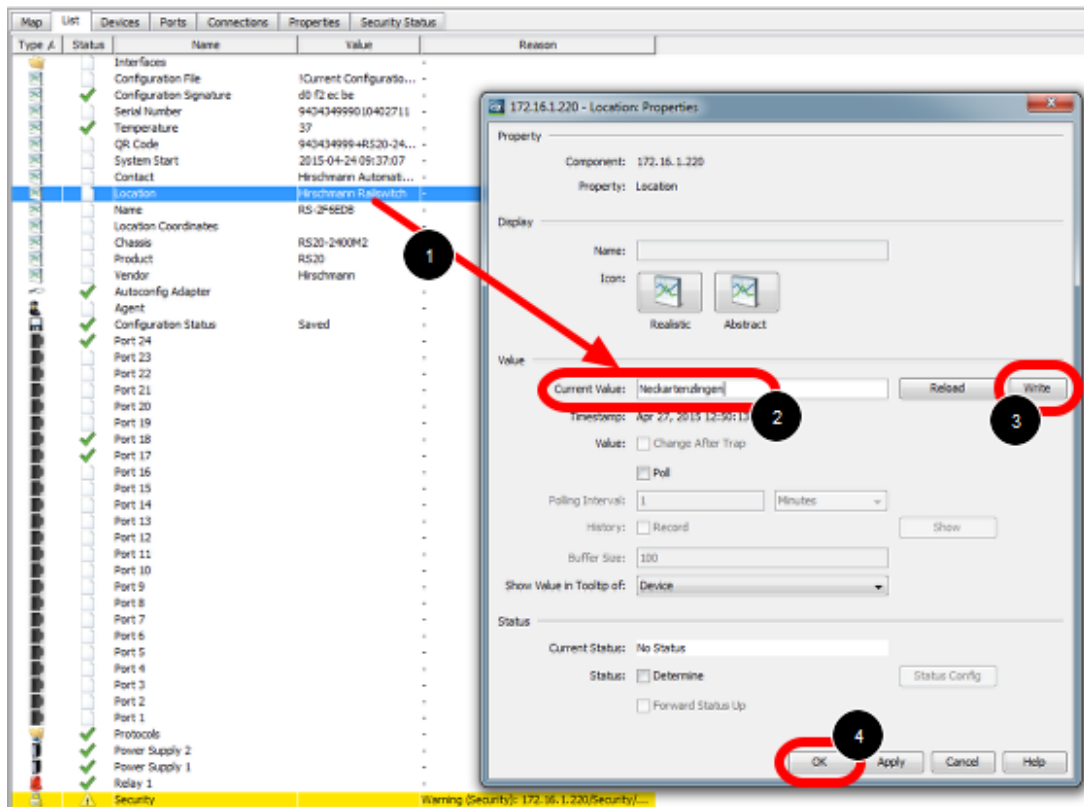
This lesson describes how to set a reference value of the configuration signature and how differences are displayed.

Configuration Signature Properties



1. double click on the property **Configuration Signature**
2. press reload to download the current configuration signature from the device
3. tick check box **Determine Status**
4. open the status configuration
5. set the current value as reference value

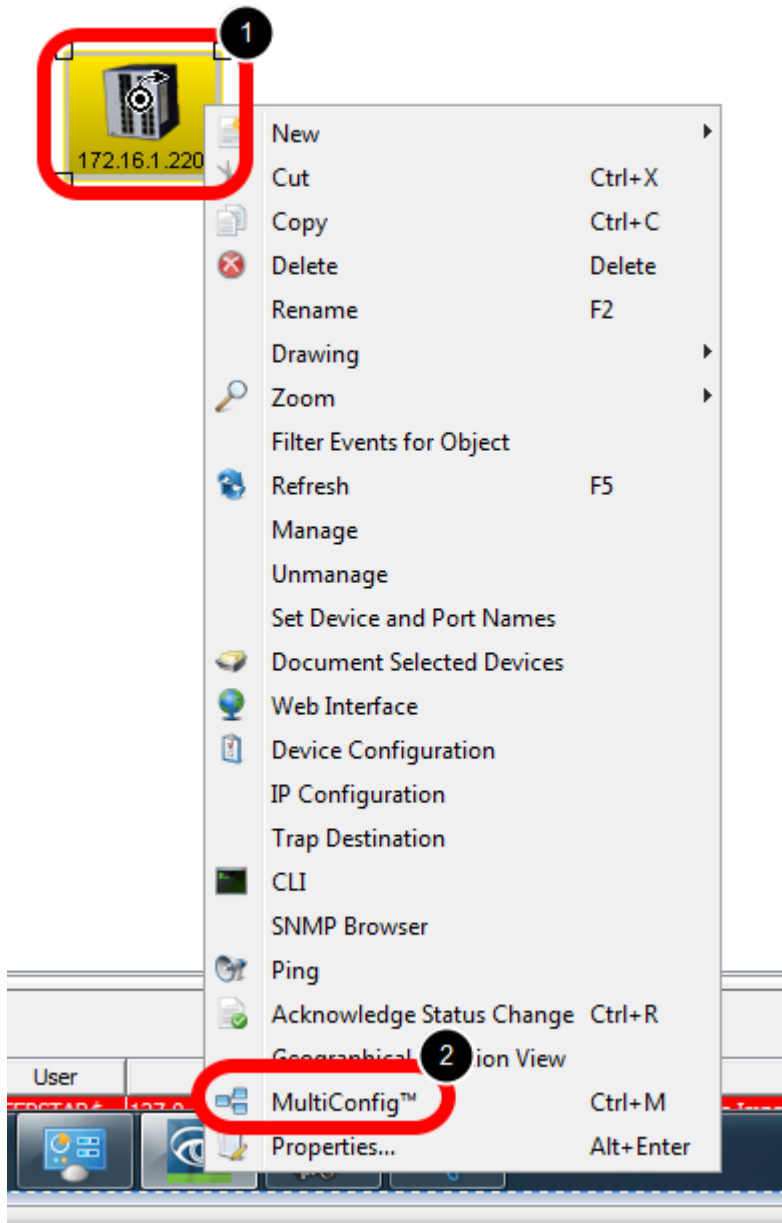
Change the configuration



Change the device configuration e.g. the device location:

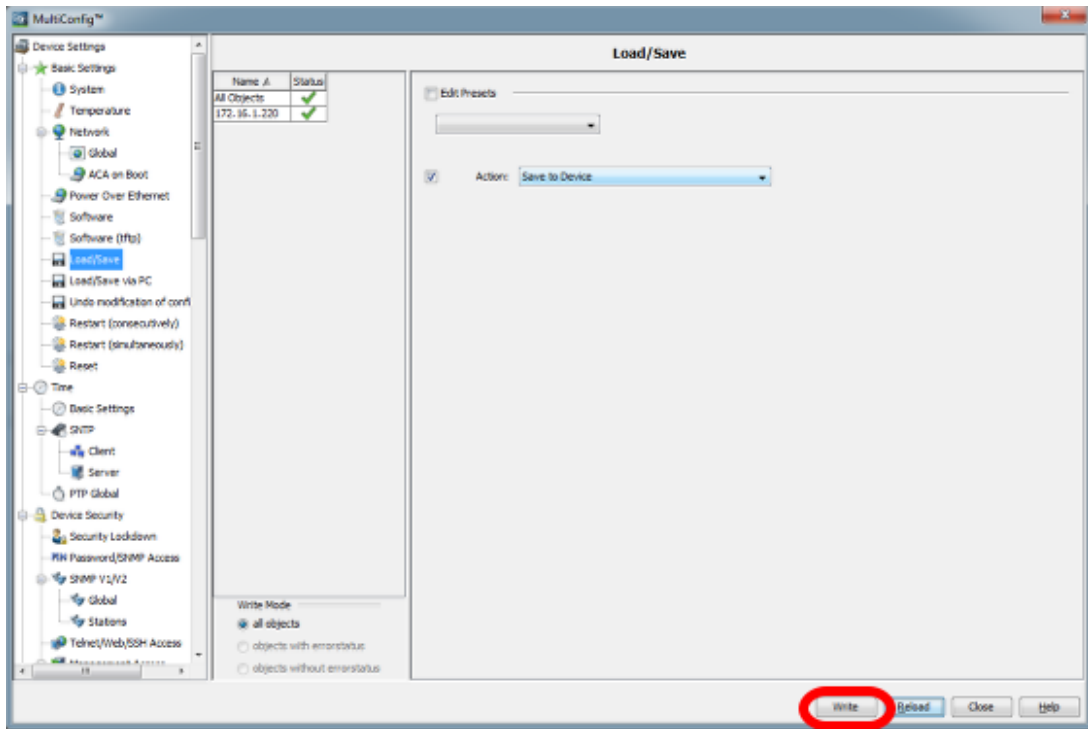
1. double click the property location
2. change the current value
3. press write
4. close the dialog with ok

MultiConfig



1. right click the device on which you just changed the location property
2. select MultiConfig from the context menu

Save the configuration



Save the configuration by pressing Write in the Load/Save dialog

Configuration Signature - Status Impairment

The screenshot displays the Winbox Industrial Manager interface. In the center, the 'Configuration Signature Properties' dialog box is open, showing the 'Current Value' field with the value '03 02 00 04'. To the right, the 'Configuration Signature Status Config' dialog box is open, showing the 'Reference Value' field with the value '03 02 00 04'. A red circle highlights the 'Current Value' field in the Properties dialog, and a red arrow points from this circle to the 'Reference Value' field in the Status Config dialog, which is also circled in red. The background shows a network map with various devices and a table of unacknowledged events at the bottom.

ID	ACK	Type	Category	Time	User	Source	Component	Message
100		Warning	Status Error	2015-04-27 11:01:30		172.16.1.228	Configuration Signature	Status Incomplete: Missing Configuration Signature 03 02 00 04
101		Warning	Status Error	2015-04-27 11:01:30		172.16.1.228	Configuration Signature	Status Incomplete: Missing Configuration Signature 03 02 00 04
102		Warning	Status Error	2015-04-27 11:01:30		172.16.1.228	Configuration Signature	Status Incomplete: Missing Configuration Signature 03 02 00 04
103		Warning	Status Error	2015-04-27 11:01:30		172.16.1.228	Configuration Signature	Status Incomplete: Missing Configuration Signature 03 02 00 04
104		Warning	Status Error	2015-04-27 11:01:30		172.16.1.228	Configuration Signature	Status Incomplete: Missing Configuration Signature 03 02 00 04
105		Warning	Status Error	2015-04-27 11:01:30		172.16.1.228	Configuration Signature	Status Incomplete: Missing Configuration Signature 03 02 00 04
106		Warning	Status Error	2015-04-27 11:01:30		172.16.1.228	Configuration Signature	Status Incomplete: Missing Configuration Signature 03 02 00 04
107		Warning	Status Error	2015-04-27 11:01:30		172.16.1.228	Configuration Signature	Status Incomplete: Missing Configuration Signature 03 02 00 04
108		Warning	Status Error	2015-04-27 11:01:30		172.16.1.228	Configuration Signature	Status Incomplete: Missing Configuration Signature 03 02 00 04
109		Warning	Status Error	2015-04-27 11:01:30		172.16.1.228	Configuration Signature	Status Incomplete: Missing Configuration Signature 03 02 00 04
110		Warning	Status Error	2015-04-27 11:01:30		172.16.1.228	Configuration Signature	Status Incomplete: Missing Configuration Signature 03 02 00 04