

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.

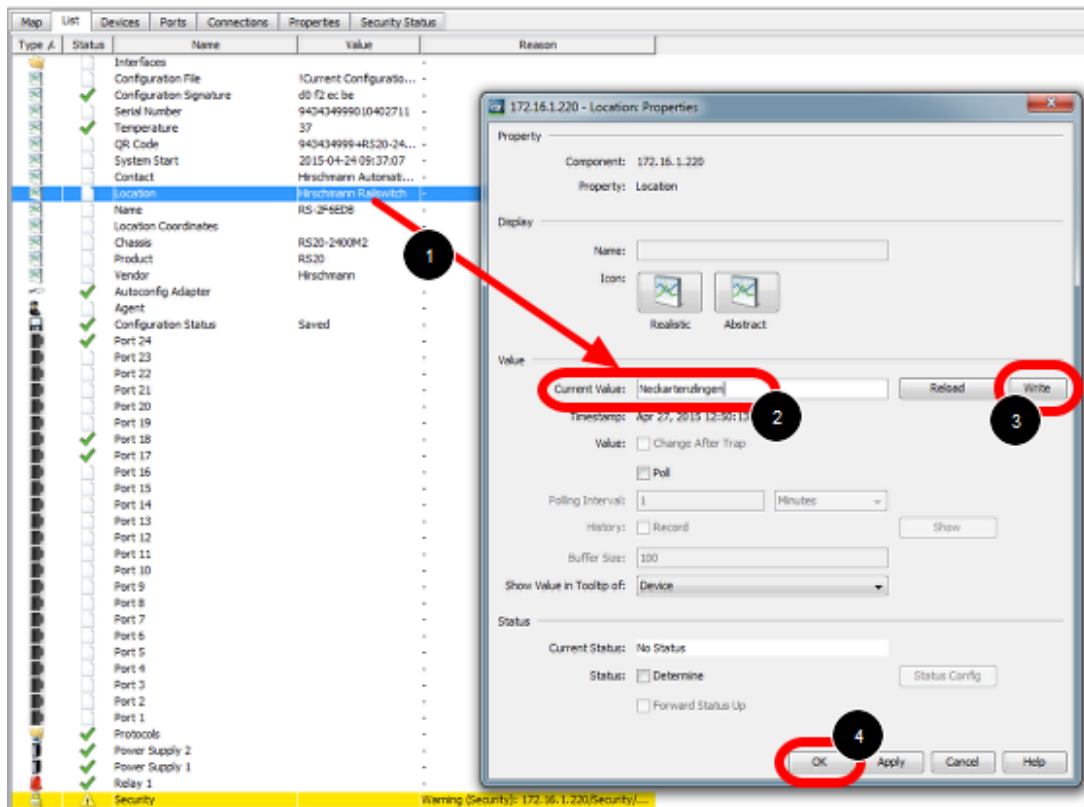
This lesson describes how to set a reference value of the configuration signature and how differences are displayed.

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. The main window shows a tree view of devices and a central pane with icons for various system components. Two dialog boxes are open:

- 172.16.1.220 - Configuration Signature Properties:** This dialog shows the configuration for the 'Configuration Signature' component. The 'Current Value' field is highlighted with a red circle and contains the hexadecimal value '03 00 00 00'. A red arrow points from this field to the 'Reference Value' field in the adjacent dialog.
- 172.16.1.220 - Configuration Signature Status Config:** This dialog shows the status configuration. The 'Reference Value' field is highlighted with a red circle and contains the hexadecimal value '03 00 00 00'. The 'Status' field is set to 'Warning' and is highlighted with a green bar.

At the bottom, the 'Unacknowledged Events' table shows several entries:

| ID | ACK | Type | Category | Time | User | Source | Component | Message |
|-----|-----|---------|--------------|---------------------|-------|--------------|-------------------------|---|
| 468 | | Warning | Status Error | 2015-04-27 12:09:36 | admin | 172.16.1.220 | Configuration Signature | Status Error: Warning Configuration Signature (03 00 00 00) |
| 467 | | Warning | Status Error | 2015-04-27 12:09:36 | admin | 172.16.1.220 | Configuration Signature | Status Error: Warning Configuration Signature (03 00 00 00) |
| 466 | | Warning | Status Error | 2015-04-27 12:09:36 | admin | 172.16.1.220 | Configuration Signature | Status Error: Warning Configuration Signature (03 00 00 00) |