

## 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.

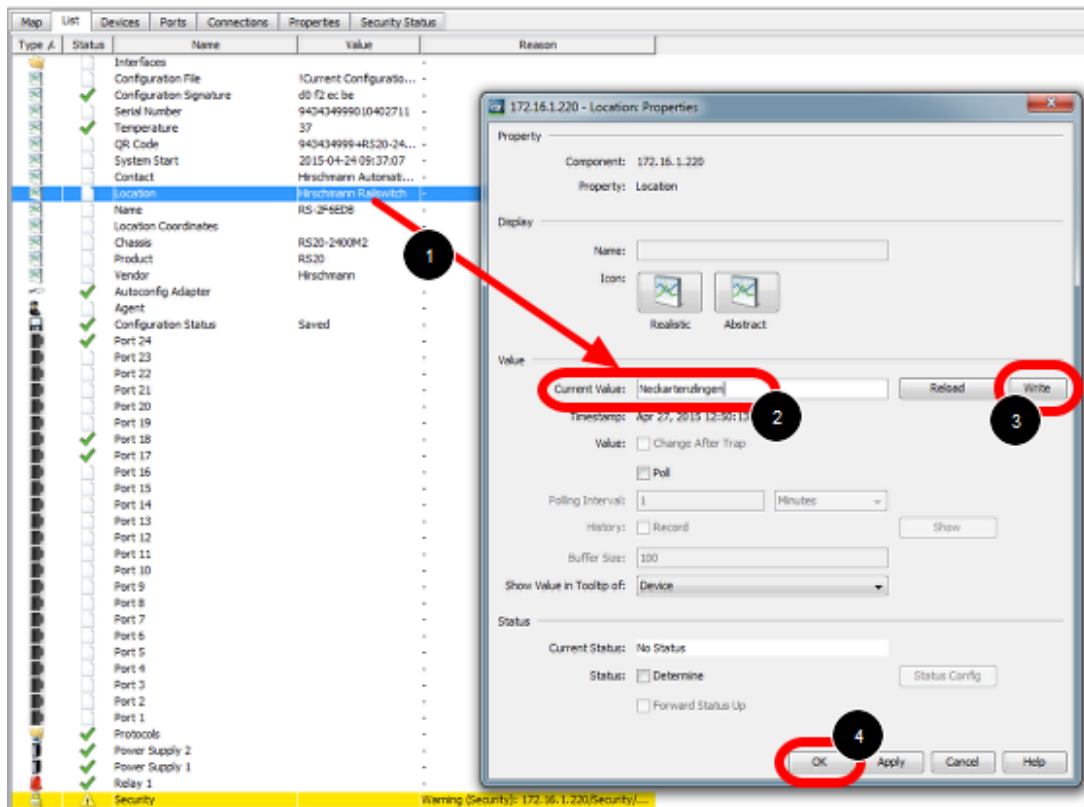
This lesson describes how to set a reference value of the configuration signature and how differences are displayed.

### **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

Winbox Industrial HMI - 172.16.1.229 - 128 Nodes

File Edit View Configuration Tools Help

Back Forward Home New [F5] Undo [Ctrl+Z] Redo [Ctrl+Y] Properties [F4] Scan Network [F5] Backdoor Scan [F6] Preferences

Device: [172.16.1.100] [172.16.1.101] [172.16.1.102] [172.16.1.103] [172.16.1.104] [172.16.1.105] [172.16.1.106] [172.16.1.107] [172.16.1.108] [172.16.1.109] [172.16.1.110] [172.16.1.111] [172.16.1.112] [172.16.1.113] [172.16.1.114] [172.16.1.115] [172.16.1.116] [172.16.1.117] [172.16.1.118] [172.16.1.119] [172.16.1.120] [172.16.1.121] [172.16.1.122] [172.16.1.123] [172.16.1.124] [172.16.1.125] [172.16.1.126] [172.16.1.127] [172.16.1.128] [172.16.1.129] [172.16.1.130] [172.16.1.131] [172.16.1.132] [172.16.1.133] [172.16.1.134] [172.16.1.135] [172.16.1.136] [172.16.1.137] [172.16.1.138] [172.16.1.139] [172.16.1.140] [172.16.1.141] [172.16.1.142] [172.16.1.143] [172.16.1.144] [172.16.1.145] [172.16.1.146] [172.16.1.147] [172.16.1.148] [172.16.1.149] [172.16.1.150] [172.16.1.151] [172.16.1.152] [172.16.1.153] [172.16.1.154] [172.16.1.155] [172.16.1.156] [172.16.1.157] [172.16.1.158] [172.16.1.159] [172.16.1.160] [172.16.1.161] [172.16.1.162] [172.16.1.163] [172.16.1.164] [172.16.1.165] [172.16.1.166] [172.16.1.167] [172.16.1.168] [172.16.1.169] [172.16.1.170] [172.16.1.171] [172.16.1.172] [172.16.1.173] [172.16.1.174] [172.16.1.175] [172.16.1.176] [172.16.1.177] [172.16.1.178] [172.16.1.179] [172.16.1.180] [172.16.1.181] [172.16.1.182] [172.16.1.183] [172.16.1.184] [172.16.1.185] [172.16.1.186] [172.16.1.187] [172.16.1.188] [172.16.1.189] [172.16.1.190] [172.16.1.191] [172.16.1.192] [172.16.1.193] [172.16.1.194] [172.16.1.195] [172.16.1.196] [172.16.1.197] [172.16.1.198] [172.16.1.199] [172.16.1.200] [172.16.1.201] [172.16.1.202] [172.16.1.203] [172.16.1.204] [172.16.1.205] [172.16.1.206] [172.16.1.207] [172.16.1.208] [172.16.1.209] [172.16.1.210] [172.16.1.211] [172.16.1.212] [172.16.1.213] [172.16.1.214] [172.16.1.215] [172.16.1.216] [172.16.1.217] [172.16.1.218] [172.16.1.219] [172.16.1.220] [172.16.1.221] [172.16.1.222] [172.16.1.223] [172.16.1.224] [172.16.1.225] [172.16.1.226] [172.16.1.227] [172.16.1.228] [172.16.1.229] [172.16.1.230] [172.16.1.231] [172.16.1.232] [172.16.1.233] [172.16.1.234] [172.16.1.235] [172.16.1.236] [172.16.1.237] [172.16.1.238] [172.16.1.239] [172.16.1.240] [172.16.1.241] [172.16.1.242] [172.16.1.243] [172.16.1.244] [172.16.1.245] [172.16.1.246] [172.16.1.247] [172.16.1.248] [172.16.1.249] [172.16.1.250] [172.16.1.251] [172.16.1.252] [172.16.1.253] [172.16.1.254] [172.16.1.255]

Selected Paths: All

172.16.1.229 - Configuration Signature Properties

Property: Component: 172.16.1.229  
Property: Configuration Signature

Value: Current Value: 03 02 00 04

172.16.1.229 - Configuration Signature Status Config

Property: Component: 172.16.1.229  
Property: Configuration Signature

Status Config: Reference Value: 03 02 00 04

Value: Status: [Green bar] OK  
Value in Reference Value: [Green bar] OK  
Other Value: [Yellow bar] Warning

Unacknowledged Events

ID	ACK	Type	Category	Time	User	Source	Component	Message
100		Warning	Status Error	2015-04-27 12:39:36	172.16.1.229	172.16.1.229	Configuration Signature	Status Inconsistent: Warning: Configuration Signature not OK
101		Warning	Status Error	2015-04-27 12:39:36	172.16.1.229	172.16.1.229	Configuration Signature	Status Inconsistent: Warning: Configuration Signature not OK
102		Warning	Status Error	2015-04-27 12:39:36	172.16.1.229	172.16.1.229	Configuration Signature	Status Inconsistent: Warning: Configuration Signature not OK
103		Warning	Status Error	2015-04-27 12:39:36	172.16.1.229	172.16.1.229	Configuration Signature	Status Inconsistent: Warning: Configuration Signature not OK