

Configuration File Compare

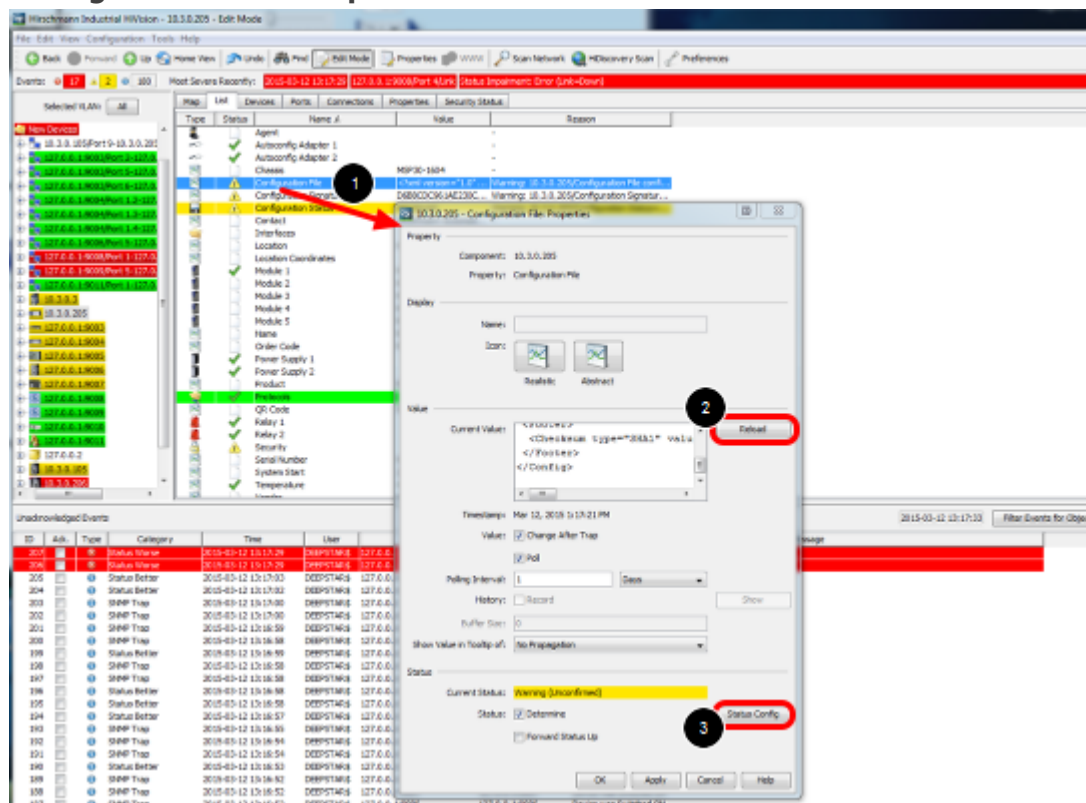
- 2018-02-21 - Industrial HiVision

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

Therefor the clear text configuration (script or xml) is stored in a property. The standard polling/status configuration can be used for comparing the current configuration to the reference config.

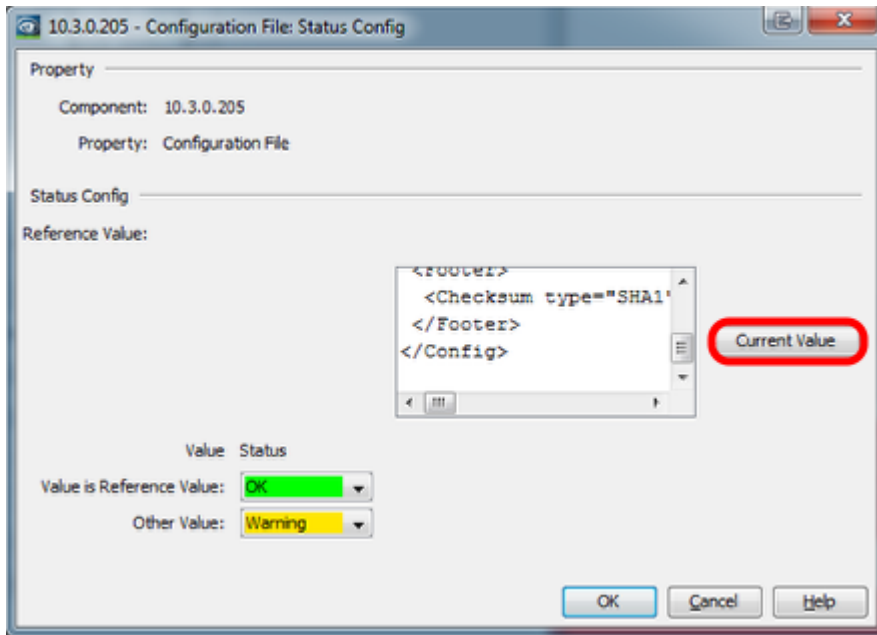
This lesson describes how to set a reference configuration and in case of configuration changes how you can display the differences.

Configuration File Properties



1. double click on the property Configuration File
2. press reload to download the current configuration from the device
3. open the status configuration

Configuration File - Status Config



In the status configuration dialog you can set the current value as reference value.

Change the configuration

Hirschmann Industrial HiView - 10.3.0.205 - Edit Mode

File Edit View Configuration Tools Help

Back Forward Up Home View Links Print Edit Mode Properties WWW Scan Network HiDiscovery Scan Preferences

Events: 0 2 1 187 Most Severe Recently: 2015-03-12 13:18:08 127.0.0.1:9000/Port 40/In Load Status: Impoverish Error (In Load) -> 20.0, Current Value: 100.0

Type	Status	Name #	Value	Reason
Agent		Autoconfig Adapter 1		
		Autoconfig Adapter 2		
		Chassis	HSP30-1804	
		Configuration File	SHA1 Version: 1.0	
		Configuration Signature	D68BCDC941NE230C...	Warning: 10.3.0.205/Configuration Signatur...
		Configuration Status	Not Saved	Warning: 10.3.0.205/Configuration Status...
		Contact	Hirschmann Automate...	
		Interfaces		
		Location Coordinates	Hirschmann	
		Module 1	HSP40-071101502...	
		Module 2	HSP40-071101502...	
		Module 3	HSP40-071101502...	
		Module 4	HSP40-071101502...	
		Module 5	HSP40-071101502...	
		Name	HSP-EC6559P090E	
		Order Code	HSP30-1804HSC294...	
		Power Supply 1		
		Power Supply 2		
		Product	HSP	
		Release		
		QR Code	942075999 HSP30-...	
		Role 1		
		Role 2		
		Security		
		Serial Number	94207599901001590	
		System Start	2015-02-27 11:47:55	
		Temperature	43	
		Updater	Hirschmann	

Unacknowledged Events

ID	Sub.	Type	Category	Time	User	Source	...
223		Status Better		2015-03-12 13:27:01	DEPSTARIS	10.3.0.205	Configu...
222		User Intervention		2015-03-12 13:27:01	Chris	10.3.0.205	
221		Status Better		2015-03-12 13:26:36	DEPSTARIS	127.0.0.1:9000	Port 40...
220		Status Worse		2015-03-12 13:26:36	DEPSTARIS	127.0.0.1:9000	Port 40...
219		Application Info		2015-03-12 13:26:30	ib	Industrial HiView Service	Port 41...
218		Application Info		2015-03-12 13:26:40	ib	Industrial HiView Service	Port 41...
217		Application Info		2015-03-12 13:26:47	ib	Industrial HiView Service	Port 41...
216		Status Worse		2015-03-12 13:26:43	DEPSTARIS	127.0.0.1:9000	Port 50...
215		Status Better		2015-03-12 13:26:43	DEPSTARIS	127.0.0.1:9000	Port 50...
214		Status Better		2015-03-12 13:26:43	DEPSTARIS	127.0.0.1:9000	Port 50...
213		Status Worse		2015-03-12 13:26:40	DEPSTARIS	127.0.0.1:9000	Port 50...
212		Status Worse		2015-03-12 13:26:40	DEPSTARIS	127.0.0.1:9000	Port 41...
211		Status Better		2015-03-12 13:26:43	DEPSTARIS	127.0.0.1:9000	Port 45...
210		Status Worse		2015-03-12 13:26:40	DEPSTARIS	127.0.0.1:9000	Port 13...
209		Status Better		2015-03-12 13:26:40	DEPSTARIS	127.0.0.1:9000	Port 13...
208		Status Worse		2015-03-12 13:26:35	DEPSTARIS	127.0.0.1:9000	Port 11...
207		Status Worse		2015-03-12 13:26:29	DEPSTARIS	127.0.0.1:9000	Port 40...
206		Status Worse		2015-03-12 13:26:29	DEPSTARIS	127.0.0.1:9000	Port 41...
205		Status Better		2015-03-12 13:26:03	DEPSTARIS	127.0.0.1:9000	Preload...
204		Status Better		2015-03-12 13:26:02	DEPSTARIS	127.0.0.1:9000	Preload...
203		SNMP Trap		2015-03-12 13:26:00	DEPSTARIS	127.0.0.2	127.0.0...
202		SNMP Trap		2015-03-12 13:26:00	DEPSTARIS	127.0.0.1:9000	127.0.0...

10.3.0.205 - Location Properties

Property
Component: 10.3.0.205
Property: Location

Deploy
Name:
Icon: Realistic Abstract

Value
Current Value: **Hirschmann PECE**

Timestamp: Mar 12, 2015 12:26:43 PM
Value: Change After Trap
 Fill
Polling Interval: 1 Minutes
History: Record
Buffer Size: 100
Show Value in Tooltip of: Device

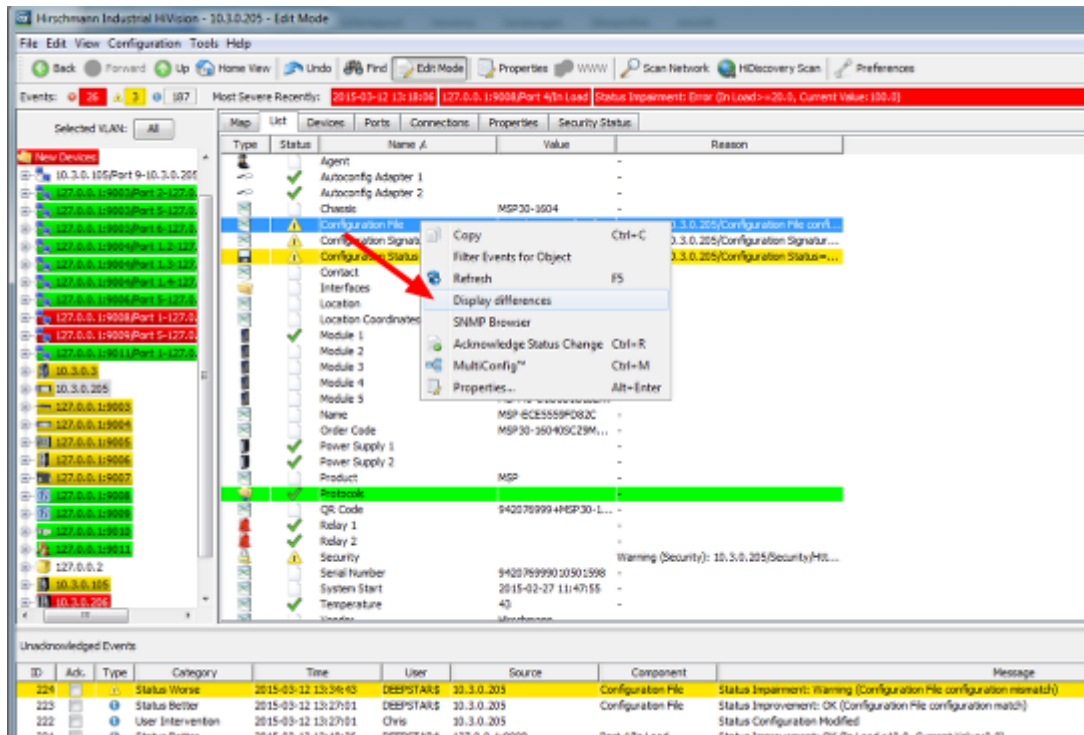
Status
Current Status: No Status
Status: Determine
 Forward Status Up

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

1. double click the property location
2. change the current value
3. press write

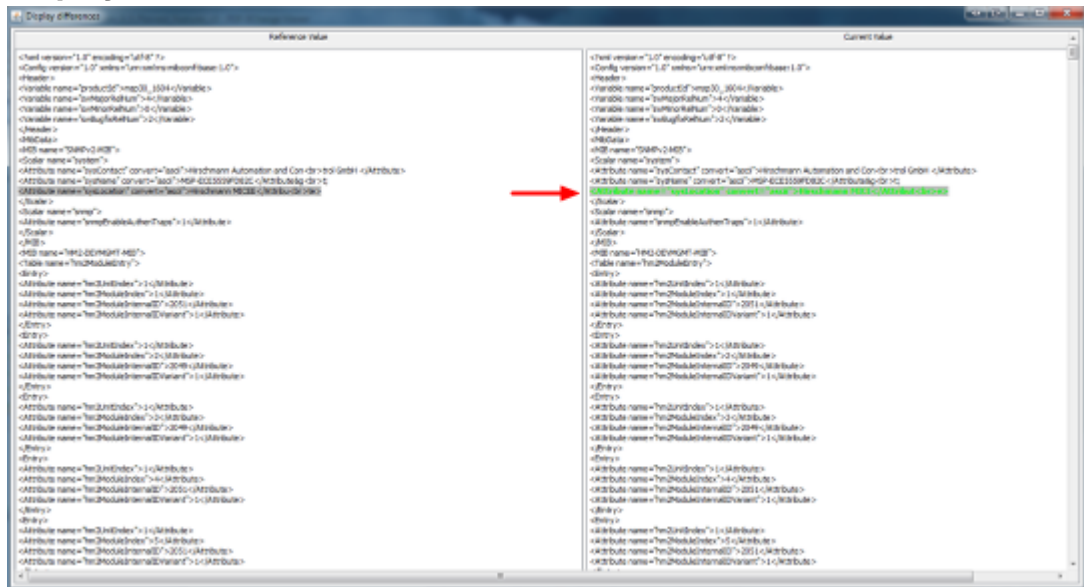
4. close the dialog with ok



Reload the Configuration File property if the change is not already detected.

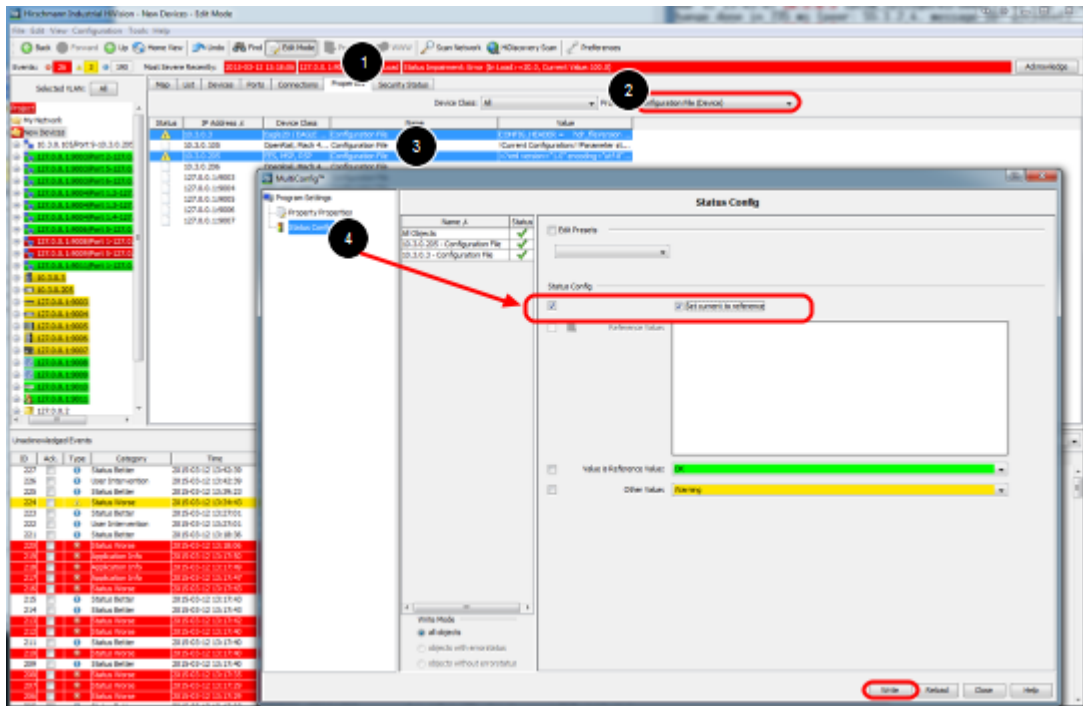
Open the context menu (right click on Configuration File) and select Display Differences

Display Differences



A new window will open which highlights the differences between the current and the reference config.

Set reference value per MultiConfig



1. To set the current value as reference value on multiple devices navigate to the Properties tab.
2. Select the property 'Configuration File (Device)'
3. Highlight devices and select Multiconfig from the context menu (right click)
4. Go to Status Config and tick 'Set current to reference'