

Configuration File Compare

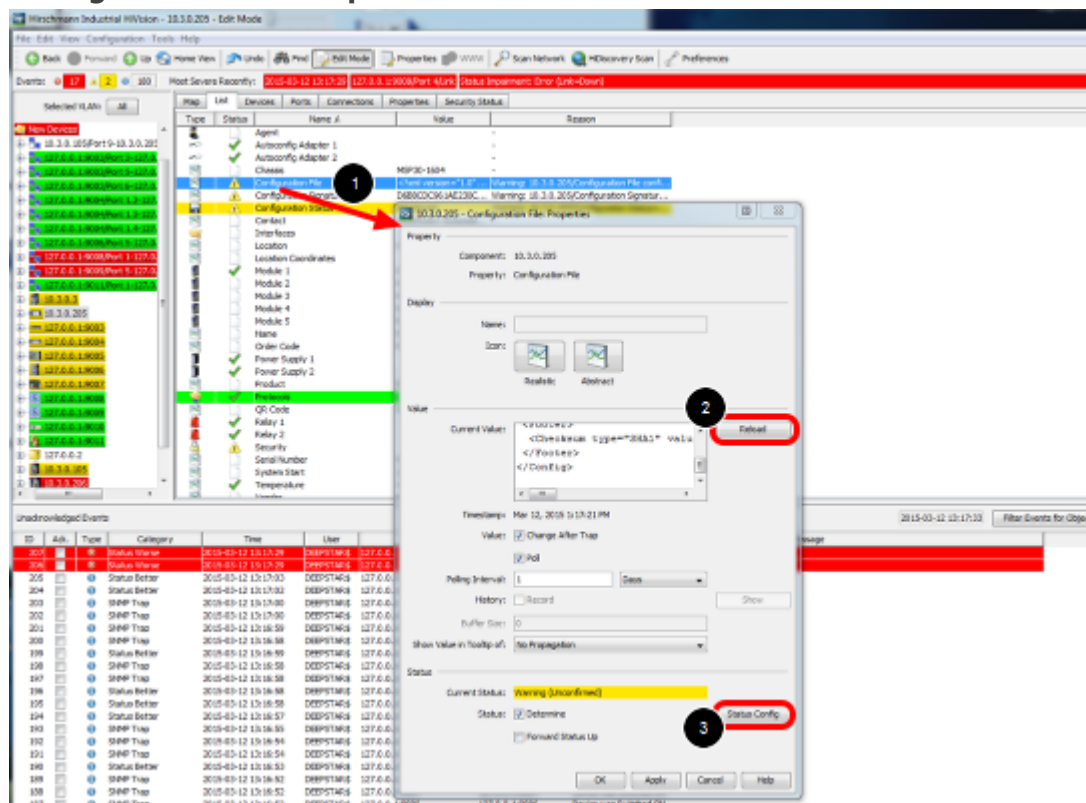
- 2018-02-21 - Industrial HiVision

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.

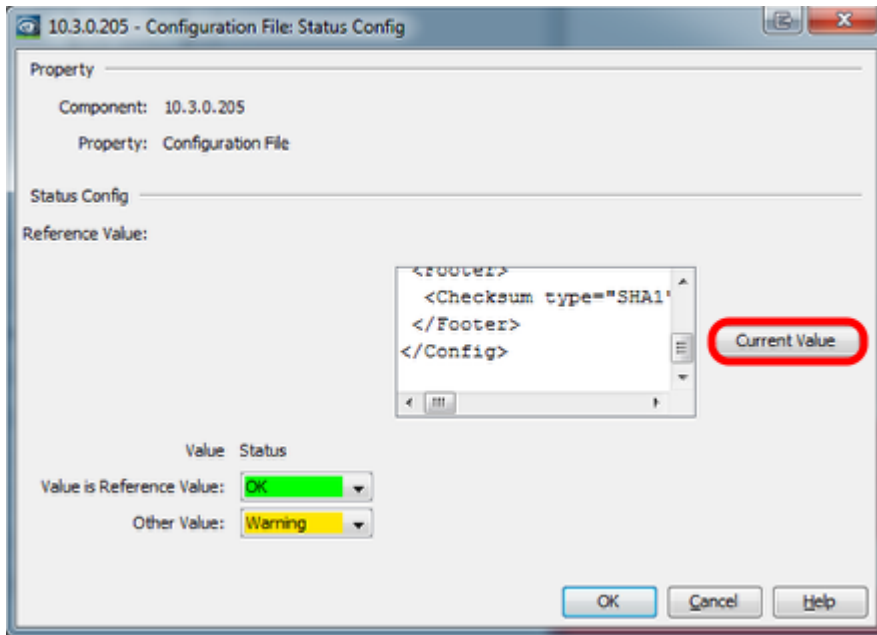
This lesson describes how to set a reference configuration and in case of configuration changes how you can display the differences.

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

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

The screenshot shows the Hirschmann Industrial HVIView - 10.3.0.205 - Edit Mode interface. A red box highlights an error message: "Status Impairment: Error (In Load)=20.0, Current Value: 100.0". A red arrow points to the 'Configuration File' entry in the device tree, which has a yellow warning icon. A context menu is open over this entry, with 'Display Differences' selected. Below the tree, the 'Unacknowledged Events' table shows a warning event for 'Configuration File configuration mismatch'.

ID	Ack.	Type	Category	Time	User	Source	Component	Message
224		Warning	Status Warning	2015-03-12 13:39:43	DESPSTARZ	33.3.0.203	Configuration File	Status Impairment: Warning (Configuration File configuration mismatch)
222		OK	Status Better	2015-03-12 13:27:51	DESPSTARZ	33.3.0.203	Configuration File	Status Improvement: OK (Configuration File configuration match)
222		OK	User Intervention	2015-03-12 13:27:51	Chris	33.3.0.205		Status Configuration Modified
754		OK	Status Better	2015-03-11 19:18:56	NETDCTAGS	193.0.0.1-9000	Boot after Load	Status Improvement: OK (In Load)=10.0, Current Value=0.0

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

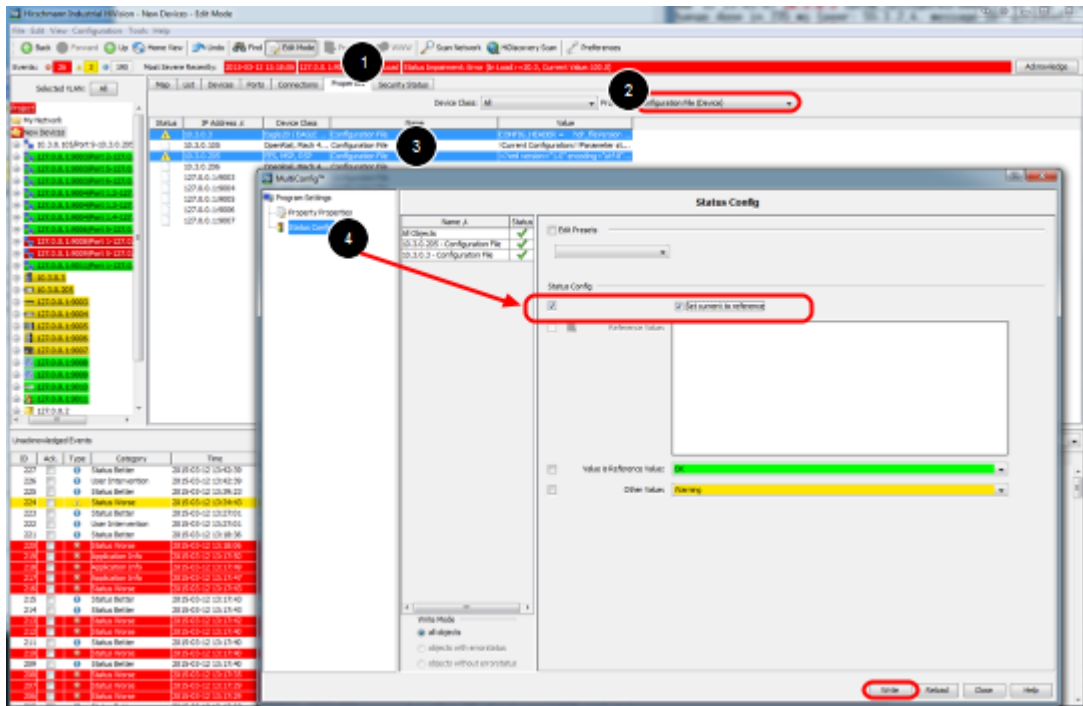
Open the context menu (right click on Configuration File) and select Display Differences

Display Differences

The screenshot shows the 'Display Differences' dialog window. It has two panes: 'Reference value' and 'Current value'. Both panes contain XML configuration data. A red arrow points to a difference in the 'system' attribute of the 'MSP' element, where the 'Current value' pane shows a different version number compared to the 'Reference value' pane.

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'