

Base de conocimiento > Products > Industrial HiVision > How to do a general firmware update using Industrial HiVision and Multiconfig

How to do a general firmware update using Industrial HiVision and Multiconfig

- 2018-02-21 - Industrial HiVision

The goal of this procedure is to update the firmware of several switches using Industrial HiVision and Multiconfig.

Prerequisites

- 1. Power up all the switches and connect them together creating a bus topology.
- Download and install Industrial HiVision (IHV) on a pc. IHV can be downloaded here: <u>http://hivision.de/English/download/index.phtml</u>. The program has full functionalities for a limited period of 30 days.
- 3. The firmware you want to installed has been stored on your pc.

Set up preferences

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1. Connect the pc with IHV to one of the switches of the network.

- 2. Launch IHV.
- 3. Go to 'Preferences', 'Management Station' and check that in 'Default IP Address' and 'Default Network Card' is selected the right network card of your pc. Click ok.

Disable Firewall on you pc

Disable all firewalls on your pc.

Discover the switches of your network



Click 'HiDiscovery Scan'. The system will look for Hirschmann switches. In the example, 2 new switches had been discovered.

IP assignment

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Assign an IP address to each switch, right clicking on a switch, 'IP configuration'.

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Type IP and subnet mask according to your network addressing plan.

Optional

If you want to create the network topology, right click in an empty space and select auto topology.



Click on 'List' tab, select all the switches you want to update, then right click, Multiconfig

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Use Multiconfig

Go to 'Basic Settings', select 'Software'.

In 'File', please specify the path in which you stored the firmware to use.

Click 'Write'

Multiconfig	operation	completed

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When Multiconfig completes the operations, you can see a green sign. To close this window, click 'Cancel'

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Using again Multiconfig, go to 'Basic Settings', 'Restart (simultaneously)', 'Cold Start' and reboot the switches.

Check new firmware version

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Under 'List' select all you switches, press 'F5', check that the new firmware version is shown.