Summary: Updating the firmware in the AVIOTEC IP Starlight 8000 camera

# Application Note:

Firmware Update

**Date**: 07/30/2019

**Product**: FCS-8000-VFD-B

**Software**

| Unit Configuration | Via web browser or Configuration Manager |
| --- | --- |
| Firmware Update | Remotely programmable |
| Software viewer | Web browser, Bosch Video Client, third party software |

**General information:**

If you want to upgrade the FW of the AVIOTEC IP Starlight 8000 please note the following:

A direct update from FW version 6.40 to 7.50. is not possible! To be able to upload the newest FW version you need to perform the update to 6.50., 6.51. then 6.61. to be able to download the 7.50. into AVIOTEC.

**Finding Bosch cameras in the network and changing IP address**

To find Bosch cameras in a network, the IP Helper tool is recommended.
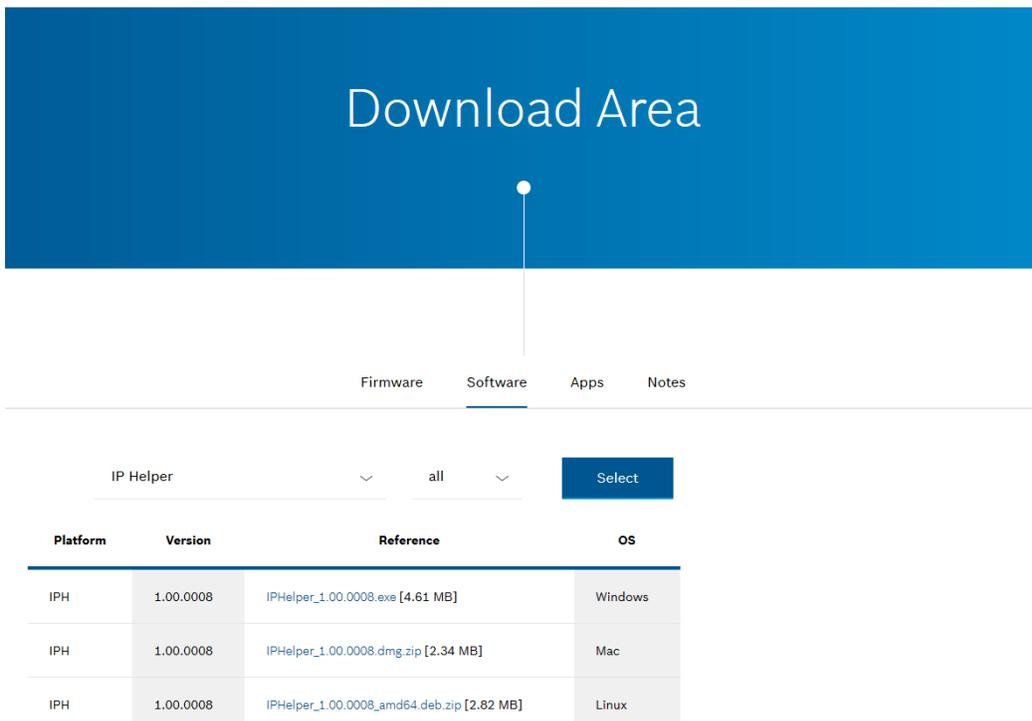
(https://downloadstore.boschsecurity.com/index.php )



| Platform | Version | Reference | OS |
| --- | --- | --- | --- |
| IPH | 1.00.0008 | IPHelper_1.00.0008.exe [4.61 MB] | Windows |
| IPH | 1.00.0008 | IPHelper_1.00.0008.dmg.zip [2.34 MB] | Mac |
| IPH | 1.00.0008 | IPHelper_1.00.0008_amd64.deb.zip [2.82 MB] | Linux |

It is a small executable for Windows where you can find cameras in the network, independent from their IP address and the IP address of your computer. With this tool, you can also change the IP address of the camera.
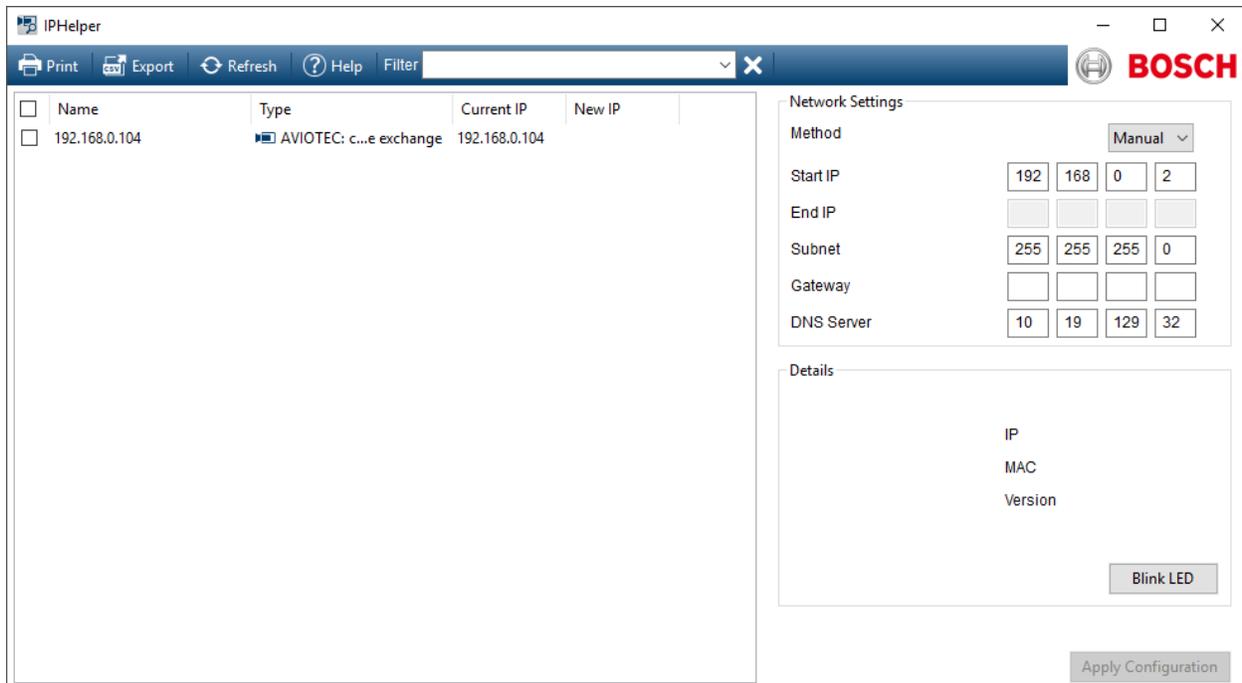
**Firmware Update**

The easiest way of updating the cameras is a parallel update.

This can be done with the Configuration Manager of the Bosch Video Client.

If you have only one camera to update or you do not want to use the configuration manager, the update can be done via the Internet Explorer as well.

**Update via Internet Explorer**

Open the Internet Explorer on your computer.

Insert the IP address of the AVIOTEC and open the AVIOTEC page.
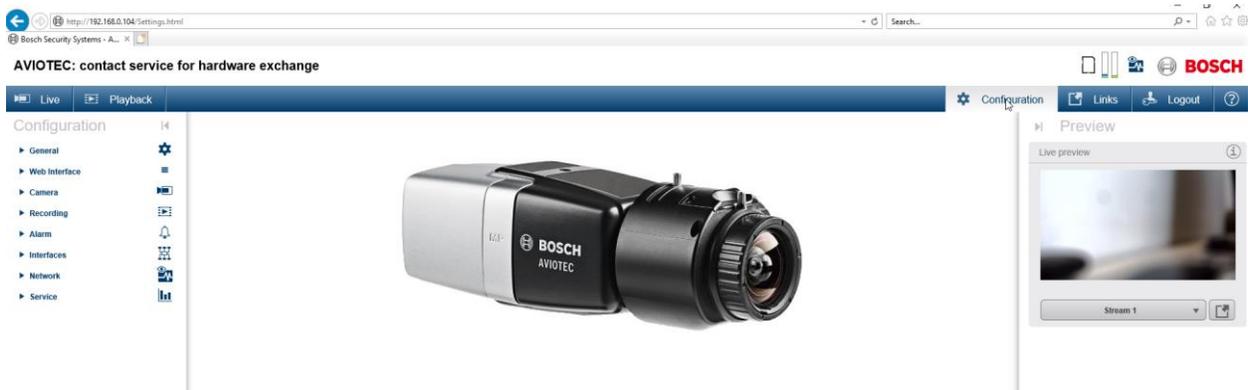
Open the configuration page by choosing the configuration tab.
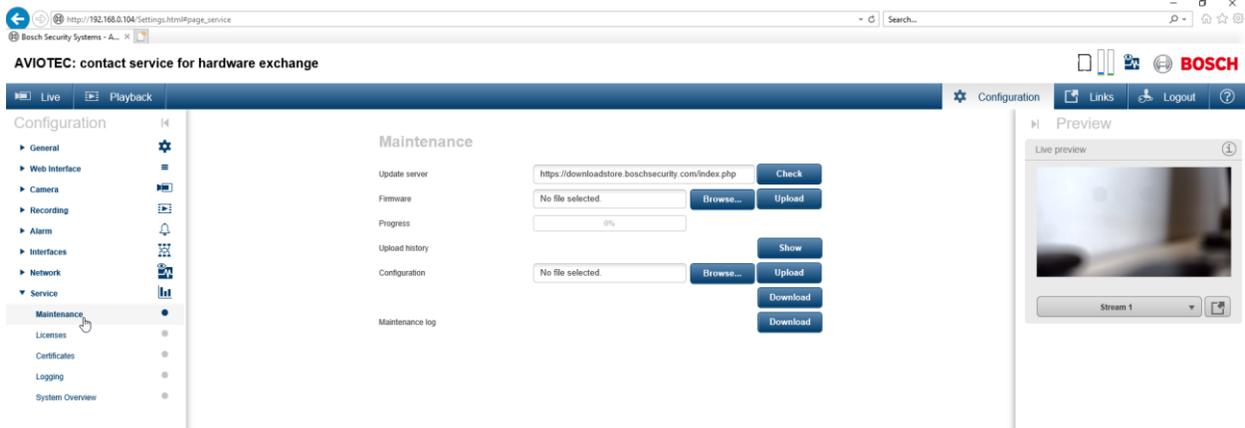


If your laptop has an internet connection, check for the newest FW by click on the "Check" button.

If you do not have an internet connection, browse for the FW file:
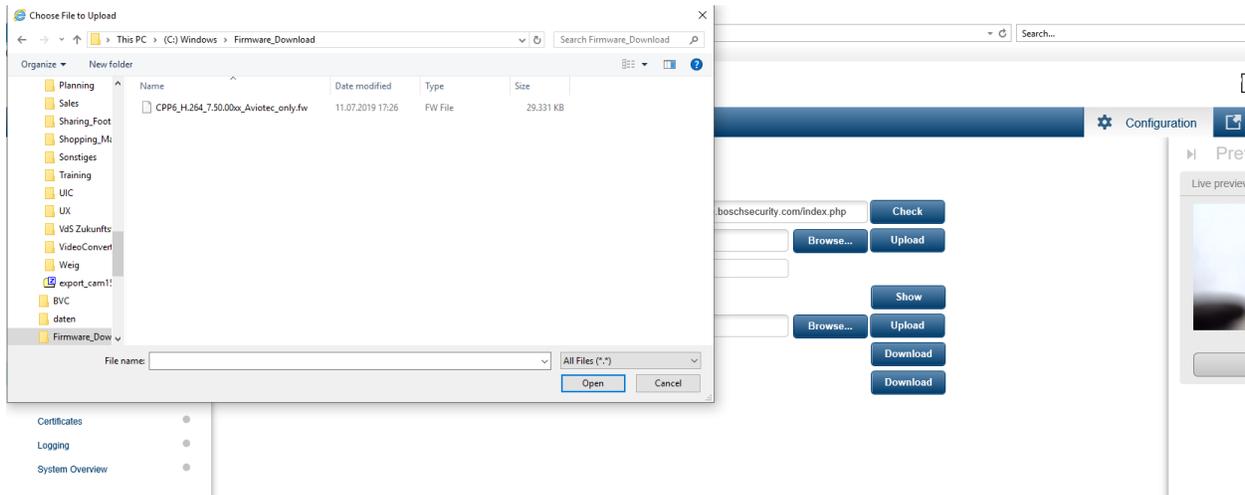


Then click on "Upload" and the FW download will start.
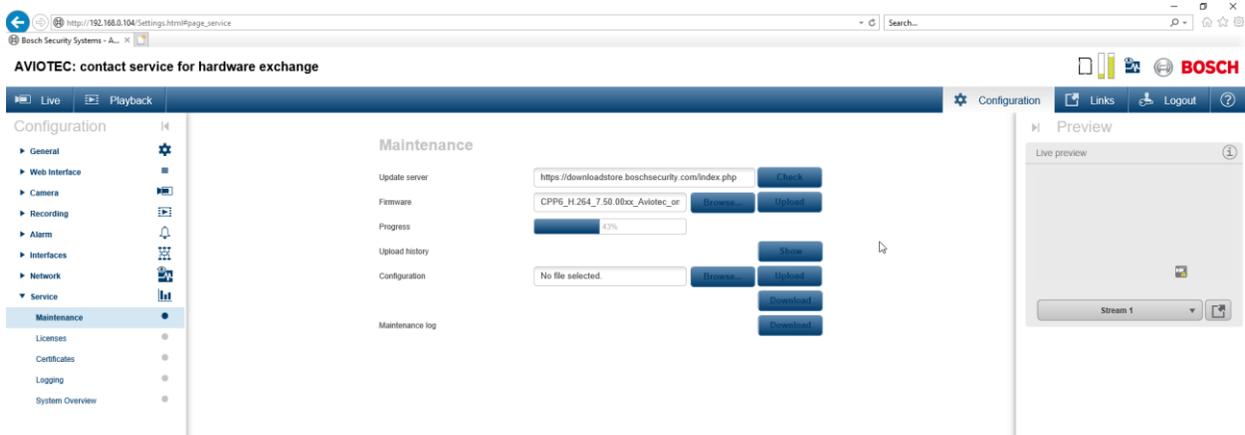
After the full download, the camera will reset and restart.



At the system overview at the configuration tab, you can recheck if the AVIOTEC has the new FW:
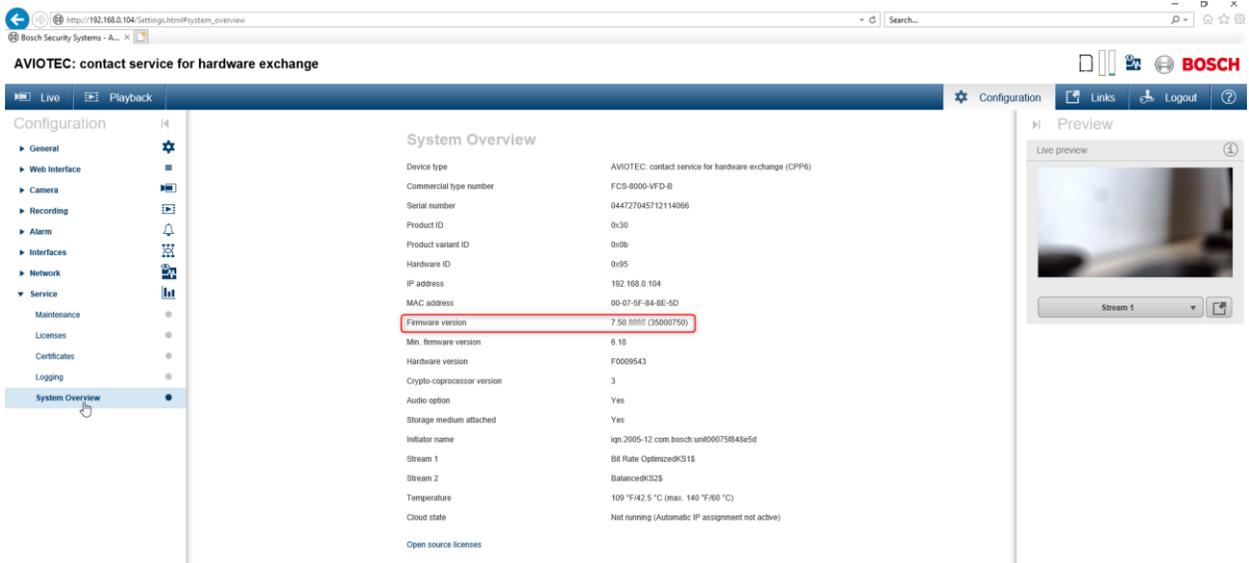
**Update via Bosch Video Client**

The Bosch Video Client is a freeware for Windows

([https://downloadstore.boschsecurity.com/index.php](https://downloadstore.boschsecurity.com/index.php) )

## Download Area

Firmware    Software    Apps    Notes

Video Client (BVC)          Select

| Platform | Version | Reference | Checksum | Release note |
|----------|---------|-----------|----------|--------------|
| BVC | 1.7.6 | BVC_1.7.6.079.zip [177 MB] | SHA1 / SHA256 | |

After installation, start the configuration manager.

The tool starts with the tab "Devices" and searches for Bosch cameras:

Select the cameras and right-click. Select "File-Upload" and "Firmware".
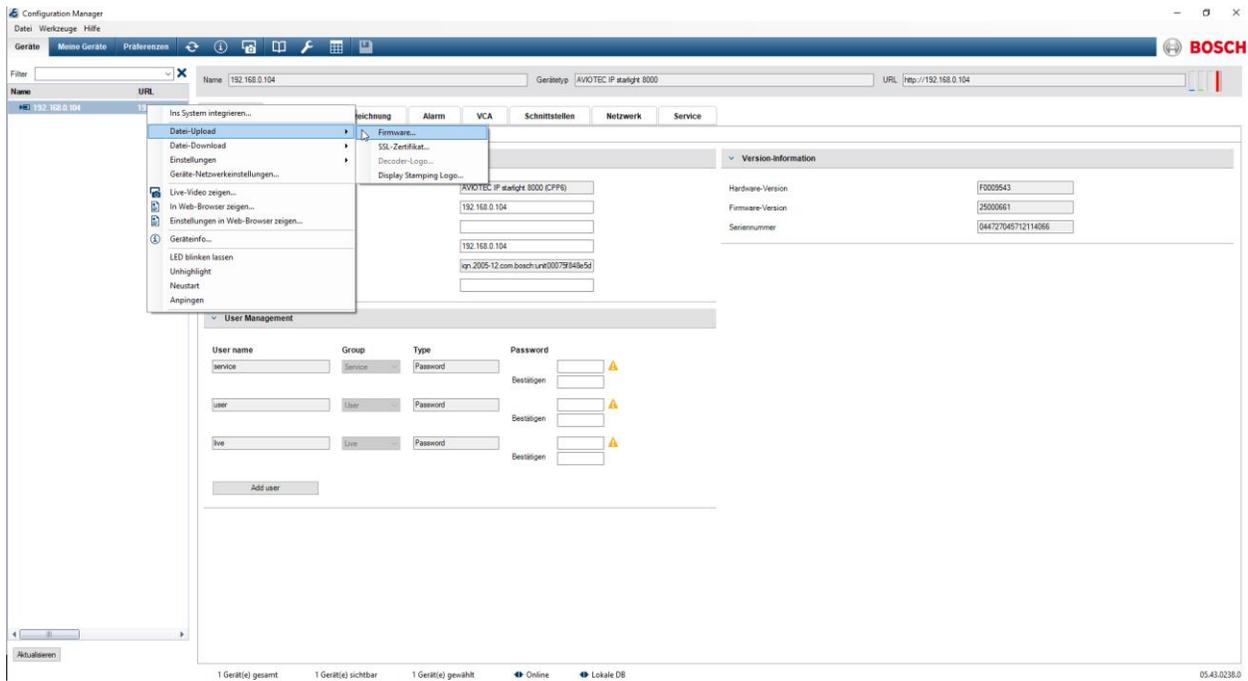


An explorer window opens where you have to select the firmware file you want to upload.
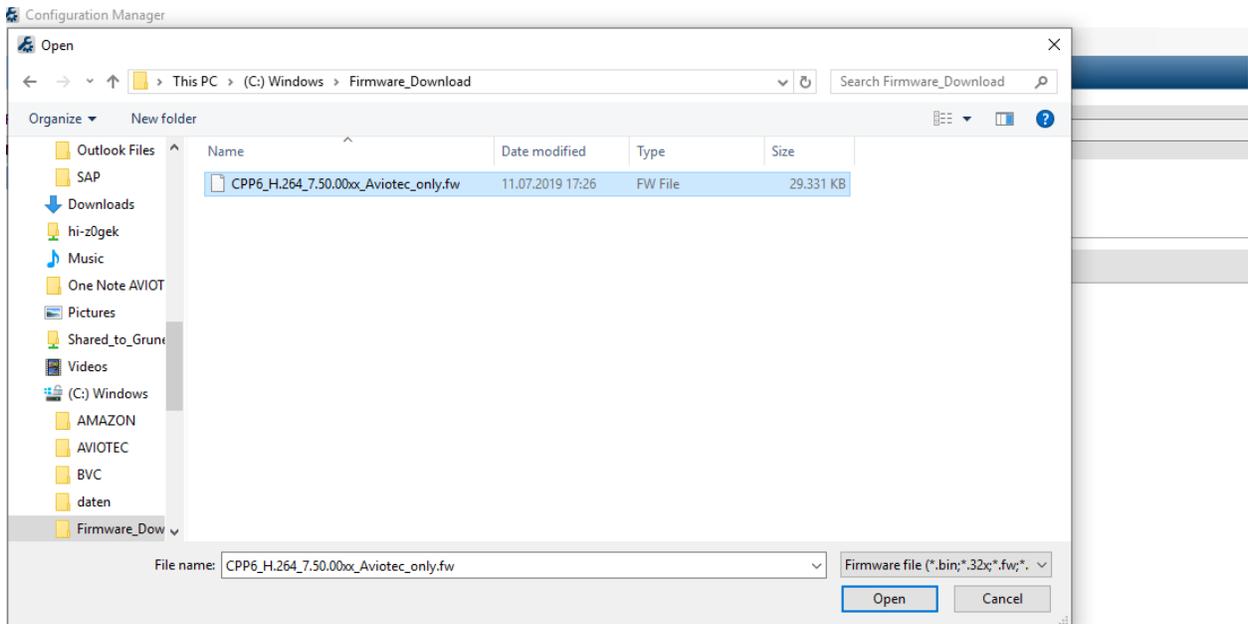
The camera overview opens. Click on "start" to update all cameras in parallel:

You will see that the current version shown is NOT the most updated firmware.

Status Firmware-Upload, Datei CPP6_H.264_7.50.00xx_Aviotec_only.fw

| IP-Adresse | MAC-Adresse | Typ | Name | Aktuelle Version | Status | Fortschritt |
|---|---|---|---|---|---|---|
| 192.168.0.104 | 00-07-5F-84-8E-5D | AVIOTEC IP starlight 80... | 192.168.0.104 | 6.61.0025 | 0% ausgeführt | |

Starten    Schließen

Status Firmware-Upload, Datei CPP6_H.264_7.50.00xx_Aviotec_only.fw

| IP-Adresse | MAC-Adresse | Typ | Name | Aktuelle Version | Status | Fortschritt |
|---|---|---|---|---|---|---|
| 192.168.0.104 | 00-07-5F-84-8E-5D | AVIOTEC IP starlight 80... | 192.168.0.104 | 6.61.0025 | 54% ausgeführt | |

0 fertig, 0 gescheitert, 1 anstehend

Starten    Abbrechen

Once completed you will see the new firmware version.



The cameras will be updated and restart after the update.