
Whitepaper

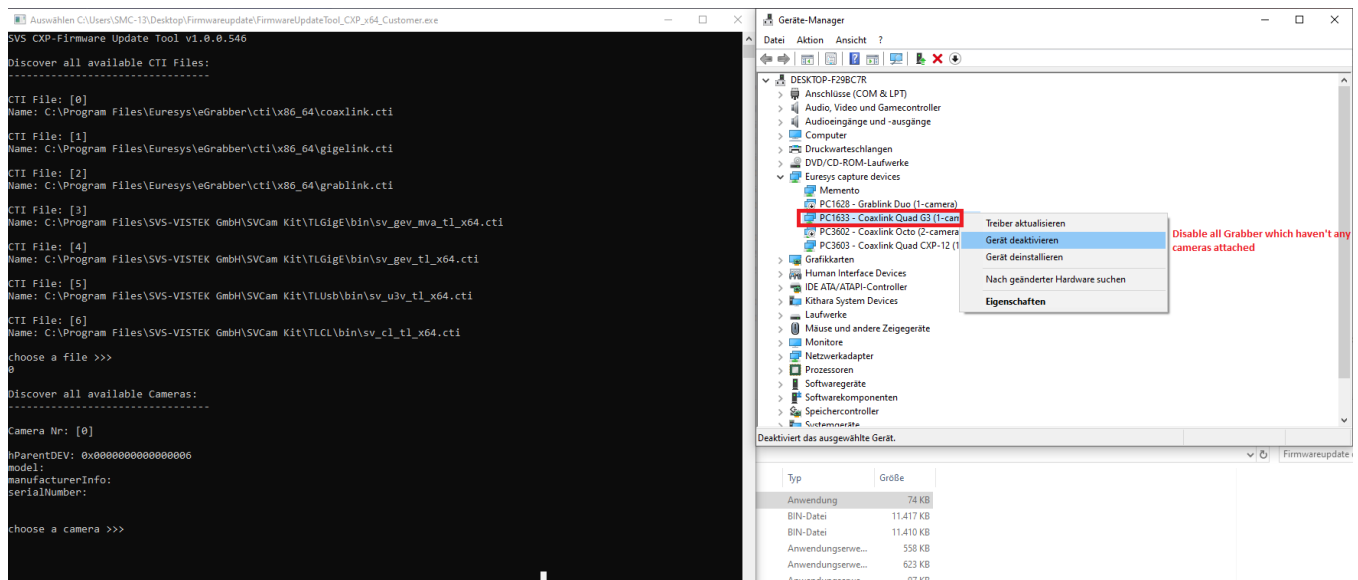
How to perform a CXP Firmwareupdate

Created:	Date	Department	Name
	12.01.2024	Support	Ahess
02: Matrox wait notice added	09.02.2024	Support	Ahess

Preparation

Unpack the updater + Make sure the Firmwarefile is in the same location like the updater

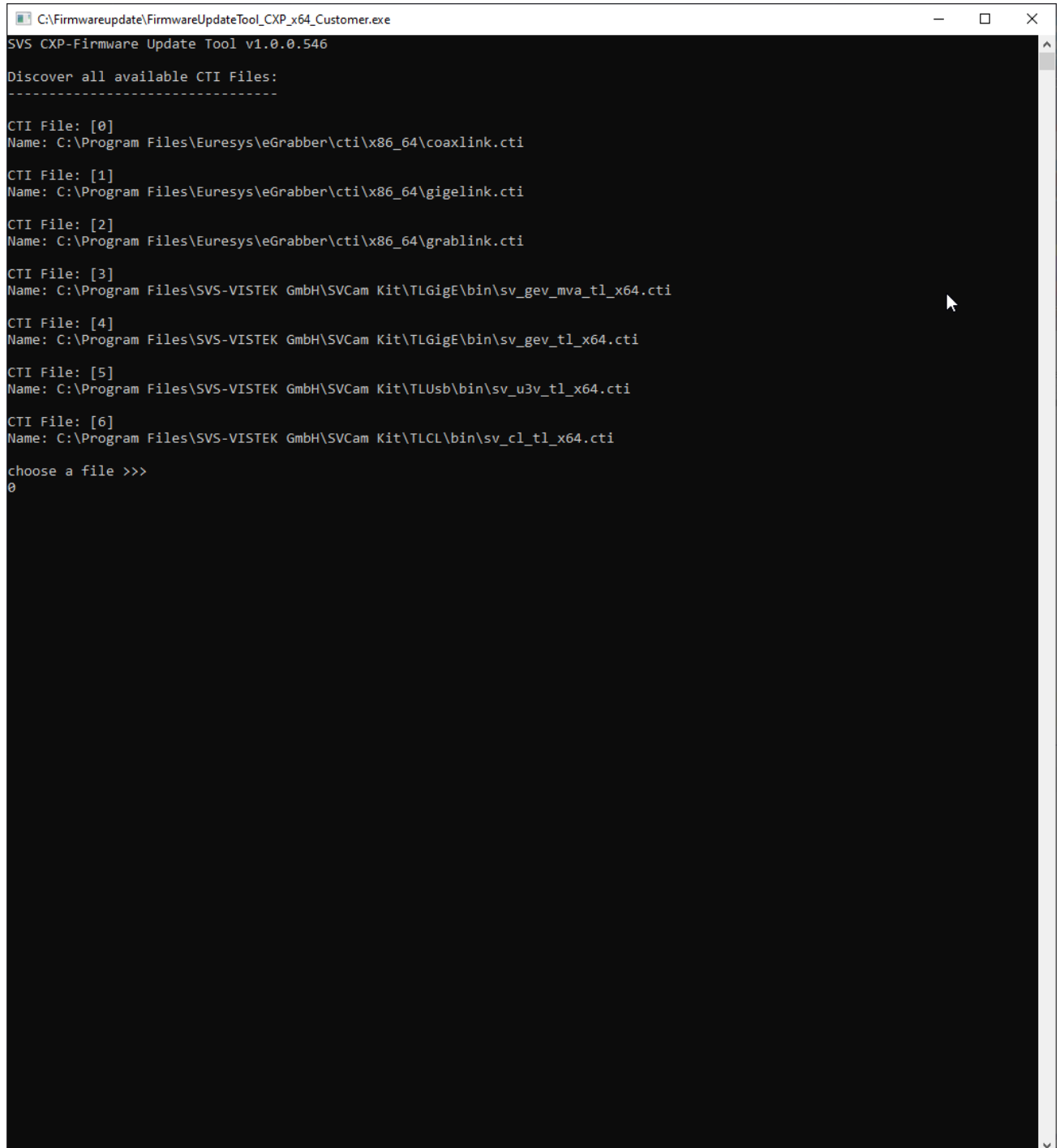
If more than one CXP Framegrabber is installed on the system disable all other framegrabbers temporarily.



1. Perform the Firmwareupdate

2.1) Select the fitting Framegrabber Transportlayer / .cti File

For Euresys choose coaxlink.cti like shown below and confirm with enter



```

C:\Firmwareupdate\FirmwareUpdateTool_CXP_x64_Customer.exe
SVS CXP-Firmware Update Tool v1.0.0.546

Discover all available CTI Files:
-----

CTI File: [0]
Name: C:\Program Files\Euresys\eGrabber\cti\x86_64\coaxlink.cti

CTI File: [1]
Name: C:\Program Files\Euresys\eGrabber\cti\x86_64\gigalink.cti

CTI File: [2]
Name: C:\Program Files\Euresys\eGrabber\cti\x86_64\grablink.cti

CTI File: [3]
Name: C:\Program Files\SVS-VISTEK GmbH\SVCam Kit\TLGigE\bin\sv_gev_mva_tl_x64.cti

CTI File: [4]
Name: C:\Program Files\SVS-VISTEK GmbH\SVCam Kit\TLGigE\bin\sv_gev_tl_x64.cti

CTI File: [5]
Name: C:\Program Files\SVS-VISTEK GmbH\SVCam Kit\TLUsb\bin\sv_u3v_tl_x64.cti

CTI File: [6]
Name: C:\Program Files\SVS-VISTEK GmbH\SVCam Kit\TLCL\bin\sv_cl_tl_x64.cti

choose a file >>>
0
  
```

2.2) Select the camera and confirm with enter

```

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CTI File: [6]
Name: C:\Program Files\SVS-VISTEK GmbH\SVCam Kit\TLCL\bin\sv_cl_tl_x64.cti

choose a file >>>
0

Discover all available Cameras:
-----

Camera Nr: [0]

hParentDEV: 0x0000000000000005
model: fxo530MCX12-2C
manufacturerInfo: Build 3020 SVN 3989 Dec  4 2023 09:12:06
serialNumber: 120307

choose a camera >>>
0

```

2.3) Select the fitting Firmwarefile and confirm with enter

```

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CTI File: [6]
Name: C:\Program Files\SVS-VISTEK GmbH\SVCam Kit\TLCL\bin\sv_cl_tl_x64.cti

choose a file >>>
0

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Camera Nr: [0]

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model: fxo530MCX12-2C
manufacturerInfo: Build 3020 SVN 3989 Dec 4 2023 09:12:06
serialNumber: 120307

choose a camera >>>
0

hParentDEV: 0x0000000000000005
model: fxo530MCX12-2C
manufacturerInfo: Build 3020 SVN 3989 Dec 4 2023 09:12:06
serialNumber: 120307

FW File: [0]
Name: fxo530MCX12-2C_v1.7.2_b3020.bin

choose a file >>>
0

```

2.4) Wait during the upload process this may take several minutes

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CTI File: [6]
Name: C:\Program Files\SVS-VISTEK GmbH\SVCam Kit\TLCL\bin\sv_cl_tl_x64.cti

choose a file >>>
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model: fxo530MCX12-2C
manufacturerInfo: Build 3020 SVN 3989 Dec 4 2023 09:12:06
serialNumber: 120307

choose a camera >>>
0

hParentDEV: 0x0000000000000005
model: fxo530MCX12-2C
manufacturerInfo: Build 3020 SVN 3989 Dec 4 2023 09:12:06
serialNumber: 120307

FW File: [0]
Name: fxo530MCX12-2C_v1.7.2_b3020.bin

choose a file >>>
0
selected firmware file: fxo530MCX12-2C_v1.7.2_b3020.bin
open file >>>fxo530MCX12-2C_v1.7.2_b3020.bin<<<
file size 11690956, upload size 11690956, crc e2d411f7
remaining 9993164

```

```

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choose a file >>>
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manufacturerInfo: Build 3020 SVN 3989 Dec  4 2023 09:12:06
serialNumber: 120307

choose a camera >>>
0

hParentDEV: 0x0000000000000005
model: fxo530MCX12-2C
manufacturerInfo: Build 3020 SVN 3989 Dec  4 2023 09:12:06
serialNumber: 120307

FW File: [0]
Name: fxo530MCX12-2C_v1.7.2_b3020.bin

choose a file >>>
0
selected firmware file: fxo530MCX12-2C_v1.7.2_b3020.bin
open file >>>fxo530MCX12-2C_v1.7.2_b3020.bin<<<
file size 11690956, upload size 11690956, crc e2d411f7
upload done
flash to eeeprom
-----
WARN: NOT YET FINISHED, DON'T PLUGOUT THIS CAMERA!!
WARN: PLEASE WAIT UNTIL THIS CAMERA APPEARS AGAIN!!
-----
Please wait ...

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2.5) On Euresys Grabbers: Only disconnect power cycle when the red framed message occurs:

!!! On Matrox Grabbers: Wait ~30s after the message occurs !!!

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Name: C:\Program Files\SVS-VISTEK GmbH\SVCam Kit\TLGigE\bin\sv_gev_tl_x64.cti

CTI File: [5]
Name: C:\Program Files\SVS-VISTEK GmbH\SVCam Kit\TLusb\bin\sv_u3v_tl_x64.cti

CTI File: [6]
Name: C:\Program Files\SVS-VISTEK GmbH\SVCam Kit\TLCL\bin\sv_cl_tl_x64.cti

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choose a camera >>>
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hParentDEV: 0x0000000000000005
model: fxo530MCX12-2C
manufacturerInfo: Build 3020 SVN 3989 Dec 4 2023 09:12:06
serialNumber: 120307

FW File: [0]
Name: fxo530MCX12-2C_v1.7.2_b3020.bin

choose a file >>>
0
selected firmware file: fxo530MCX12-2C_v1.7.2_b3020.bin
open file >>>fxo530MCX12-2C_v1.7.2_b3020.bin<<<
file size 11690956, upload size 11690956, crc e2d411f7
upload done
flash to eeprom
-----
WARN: NOT YET FINISHED, DON'T PLUGOUT THIS CAMERA!!
WARN: PLEASE WAIT UNTIL THIS CAMERA APPEARS AGAIN!!
-----
Please wait ...
Now you can safely powercycle the camera, to see the changes.
Drücken Sie eine beliebige Taste . . .

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