

Visionary Firmware Update

3D Compact Systems

June 2021



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- This document will guide you through the firmware update process.
- We highly recommend to use the latest firmware versions for your Visionary device in order to enable the latest device features.
- Make sure to save your device configuration as *.sopas file before you update your Visionary device.
 - For that, simply import/export the *.sopas file to/from the device via SOPAS
 - NOTE: When re-importing *.sopas after a firmware update please refer to the separate documentation for this case
- Disclaimer:

The device configuration may be lost after an update.

The graphical user interface may change after an update.

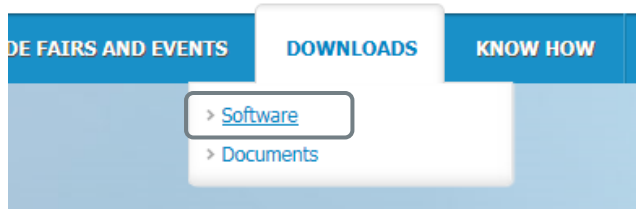
The latest firmware may support only the latest SOPAS ET version.

Preparation

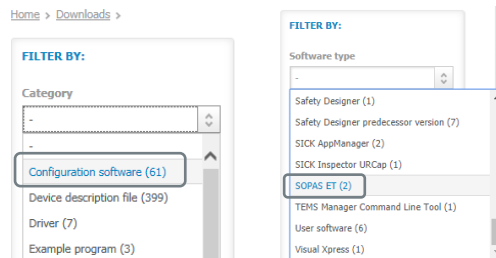
- Install the latest version of SOPAS ET, e.g. 2021.1 or higher
 - SOPAS ET is included in the Supporting material or available on www.sick.com
- Be sure that your power connection works properly and is well connected to the device
- Connect the Visionary device with your PC:
 - Connection via Ethernet
 - Connection proved e.g. by receiving 3D data
- Prepare the .spk update package

Install SOPAS ET

- SOPAS ET is included in the Supporting material or available on www.sick.com
- Go to Downloads/Software



- Filter by *Category*: Configuration software & *Software type*: Sopas ET



- SOPAS Engineering Tool 2021.1 (or higher)
- Accept Terms & Conditions and download the software



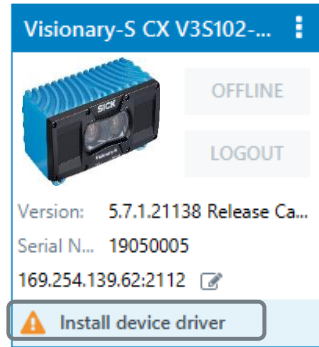
Type: SOPAS ET
Name: **SOPAS Engineering Tool**
Version: 2021.1 (4.5.0)
Software category: Configuration software
Size: 274.11 MB
Product family: MZT8 VIA, MZC1 VIA, MZCG VIA, GM32, ...

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INSTALL SDD

(IF NOT ALREADY DONE)

- After a successful connection the driver might be missing.
- Click on *No driver installed*

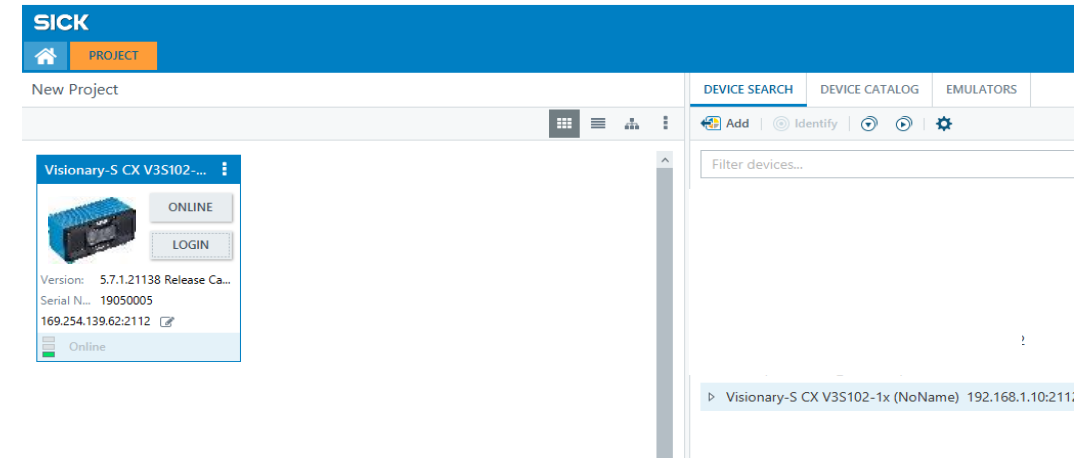


- Choose *Device upload*



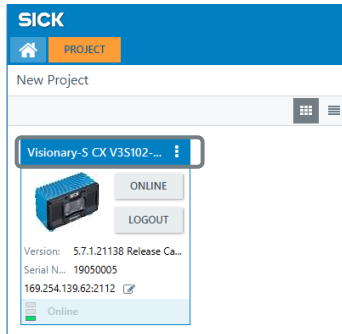
Start

- Precondition: Device is online.
- If not, please check:
 - Physical connection
 - IP address
 - SDD version
(uninstall and upload form device again)
 - Always start device first, then SOPAS ET
(to ensure that the communication interface is active)

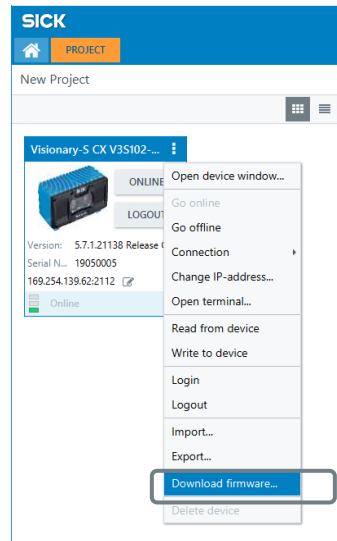


Update

- Device must be highlighted:

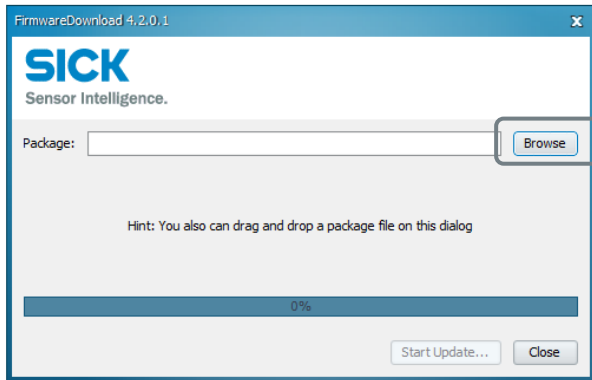


- Select Download firmware:

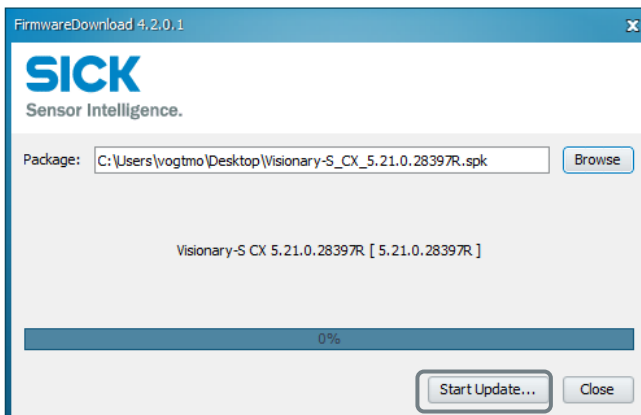


Select Files

- Select a *.spk file

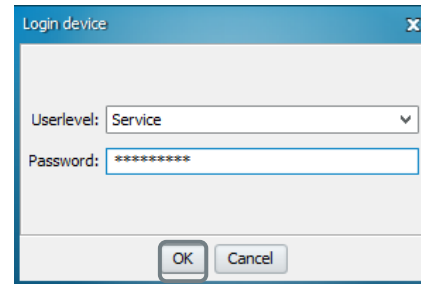


- Start Update

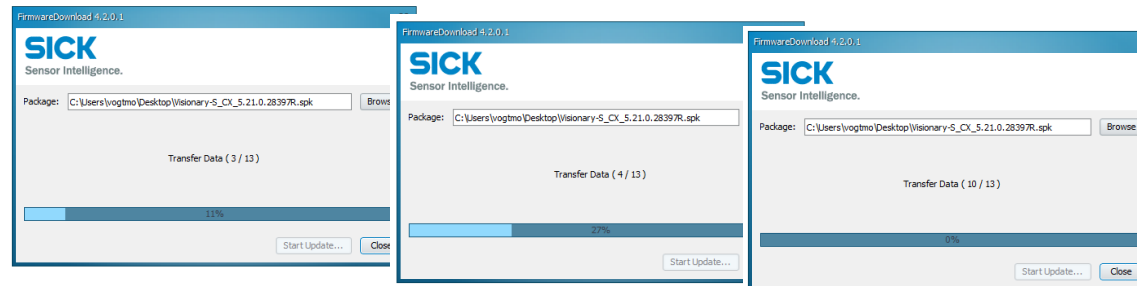


Select Files

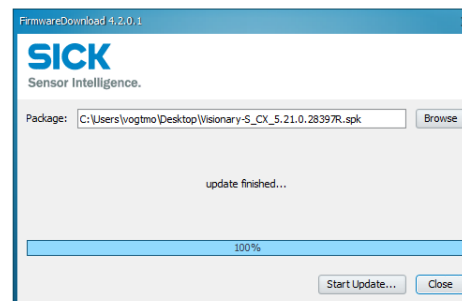
- Confirm **Service** level with password
- Password: **CUST_SERV**



- Wait ...

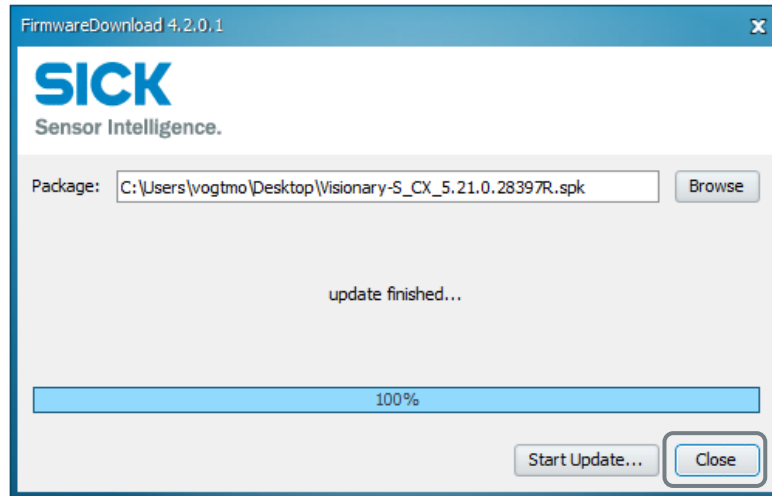


- ... until download succeeds

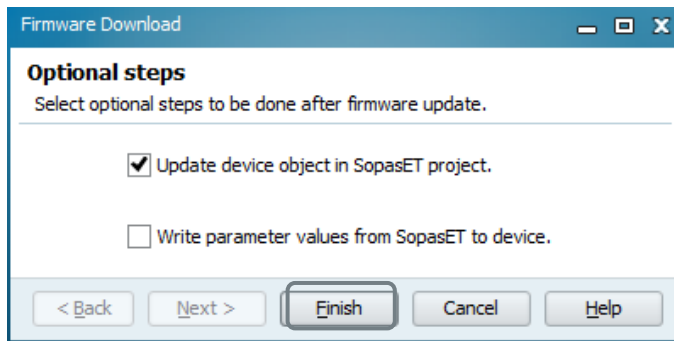


Finish update

- Close *Firmware Download* dialog

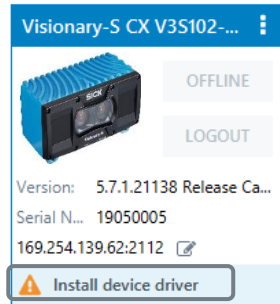


- Choose *Finish*



Install new Device description

- After a successful connection the driver might be missing.
- Click on *No driver installed*

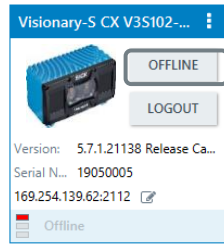


- Choose *Device upload*

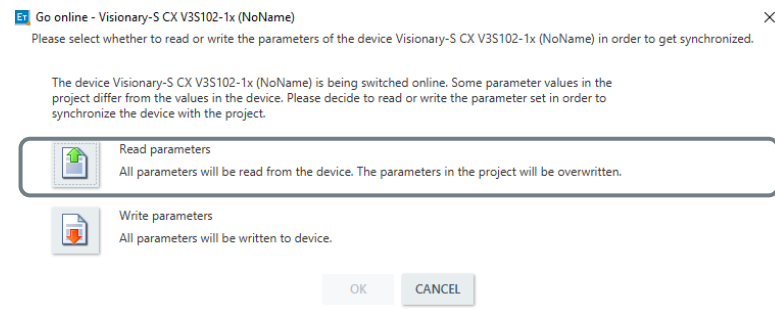


Go Online

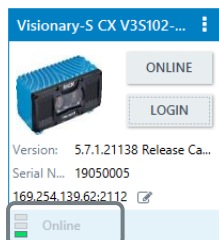
- Click *Offline* to go online



- Choose *Read parameters*



- Success!





Thank you for your attention.

3D Compact Systems
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