D-CAMCUT

Installation Guide

D-CAM
A Tebis Company

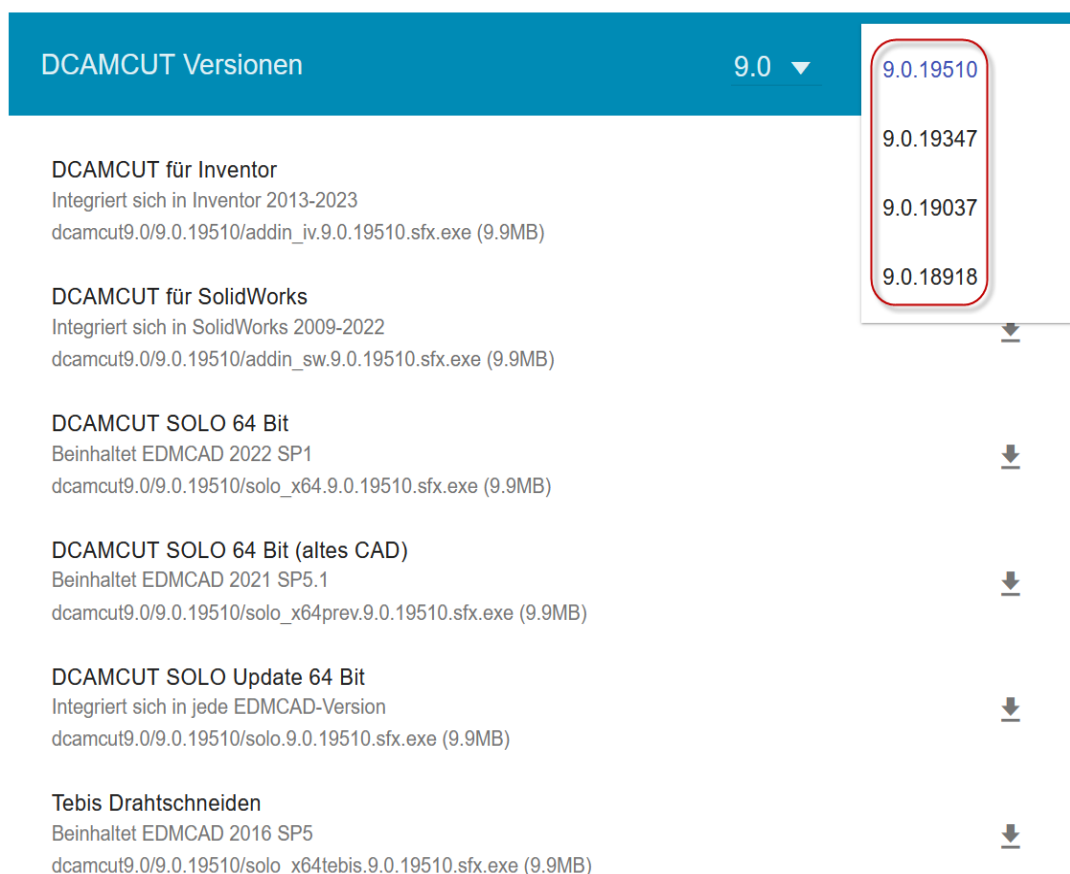# 1) General information

1.1) Updates

If an update is provided on our homepage, a notification is generated when you start DCAMCUT to inform you that a new update is available. You can download this update in the download area on our homepage.

Downloads will be available under the following link:

https://www.dcam.de/en/download/

1.2) Notes regarding the versions

You not only will find the current DCAMCUT software, but also at least the last 2 predecessor versions.

1.3) General system recommendations

- Windows® 10 (64 bit)
- Minimum: Dual-Core-CPU. Quadcore recommended.
- Minimum: 8 GB system memory (RAM). 16 GB recommended.
- Minimum: 2 GB disk memory. 5 GB recommended.
- Minimum: 2 GB GPU-RAM. 4GB recommended.
- HDR Light Studio-connection: HDR Light Studio Version 5.3.3 or higher, except Version 5.4
- 4 GB video memory, more required for denoiser function

Support for NVIDIA iRay GPU:

- NVIDIA®-graphic card: NVIDIA Quadro®/NVIDIA GeForce®/Tesla™ with at least a NVIDIA Maxwell™-Chip; Dual-GPU-Setup with at least NVIDIA Maxwell™-cards for the best experience
- NVIDIA driver support required for CUDA® 11,0 or higher
- NVIDIA driver version 451.48 (or higher) recommended

Support for AMD ProRender GPU:

- recommendation: workstation cards of the series of Radeon™ or FirePro™.

If no suitable GPU is found, SOLIDWORKS Visualize uses by default the CPU (Central Processing Unit), not the installed graphics card for GPU acceleration. In addition, NVIDIA cards based on Fermi™- or Kepler™-architecture no longer support GPU acceleration.

- 3-button mouse
- Microsoft Internet Explorer 8 or 9
- Acrobat Reader X or higher

For older EDM CAD (SolidWorks 2015-2021) see:

https://www.solidworks.com/support/system-requirements

1.4) Scope of delivery

The delivery of DCAMCUT includes:

- The Hardlock Dongle is also a memory stick that contains the installation files of the DCAMCUT software, the installation instructions as well as a description of the network license and the licensing by means of the license manager.

1.5) DCAMCUT licenses

Normally, the license is already on the Hardlock Dongle. Other alternatives are:

- Softlock license
- Evaluation license (trial)
- NFR license (not for resale or dealers)
- Network license

DCAMCUT DEMO Version

A DCAMCUT installation without a valid license starts as a DEMO version. In DEMO mode all basic functions are available but the NC outputs of post processors and 3D functions are blocked or preset with parameters. The DEMO version can be unlocked by means of a Hardlock and the corresponding license.

Caution!
All NC files contain coordinates which are rounded off to 1 decimal point. All radii are preset to 0,3.

1.6) Preparation of installation

Important!
Please insert the Dongle into the USB port after the installation has been completed. If it is already inserted, remove it now.

- Please exit all WINDOWS applications before you continue the installation. Hold your USB Dongle or the included license file ready. Depending on the order, one or several Dongle (for the individual workstations) /network Dongles (for a server) are available.

- Please note that for a successful installation of DCAMCUT software administrative rights are necessary. If necessary, please contact the IT department responsible in your company.

Necessary administration rights for the installation

We need:

- Reading permission in C:\Program Files\DCAM*-directory
- Writing permission in C:\ProgramData\DCAM
- Writing permission in HKEY_CURRENT_USER\Software\DCAM
- Reading permission in HKEY_LOCAL_MACHINE/Software
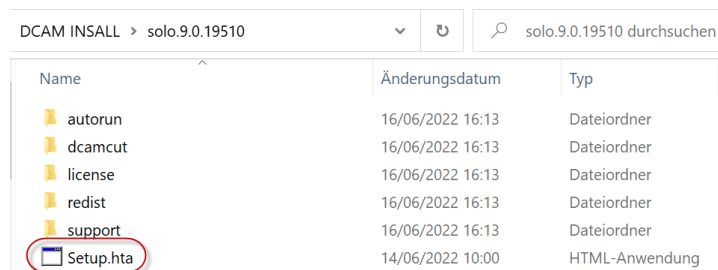- Network communication via TCP/IP Port 1947

The LicenseManager.exe starts as a background process when DCAMCUT is started, which accesses http://sys.dcam.de:8888/license.

2)   Initial installation (download from the delivered Dongle)

On the Dongle there is a Solo or Add-in folder. This must be unpacked first. (with ZIP/ WinRAR or 7Zip)
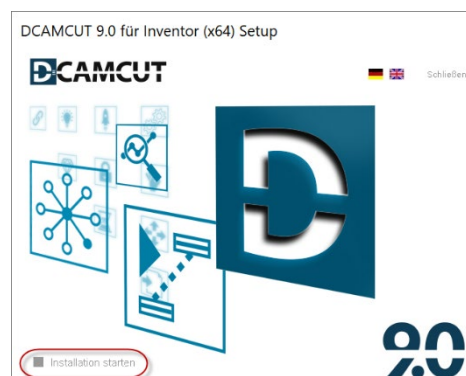

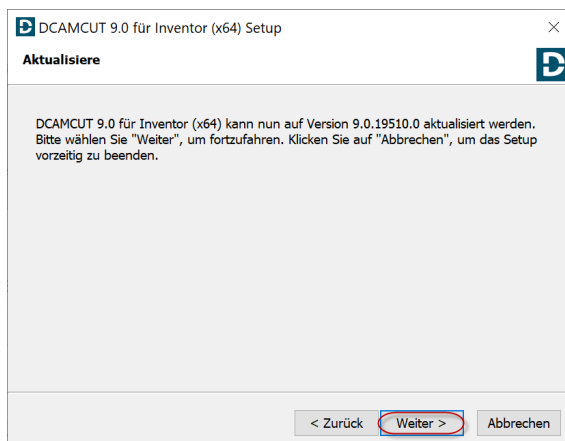After unpacking, go to this folder and run Setup.hta.

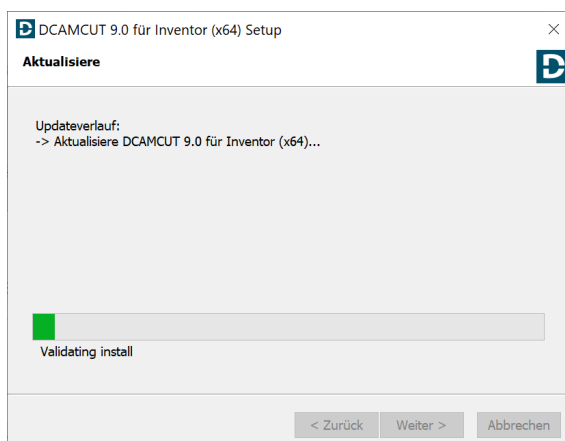The installation assistant will appear. Click on **Start installation**.

The assistant will now guide you through the installation. Please click on **continue**.
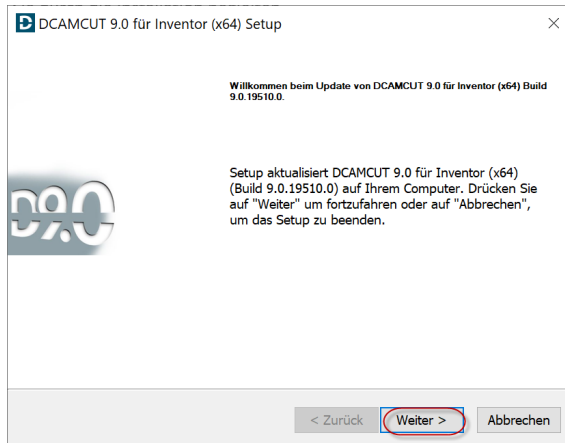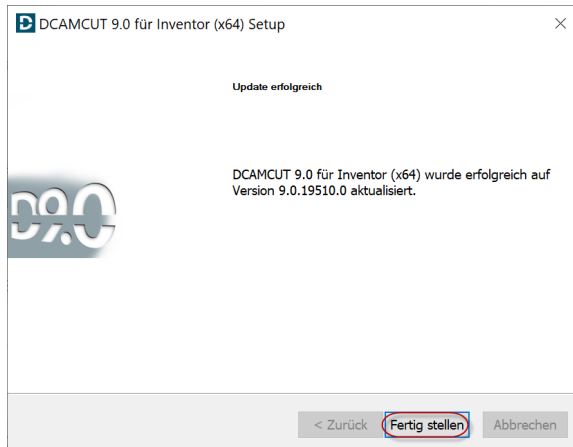

A further confirmation is required which executes the installation.

The installation progress will be shown.

After the installation is finished, confirm it by clicking on **Finish**.
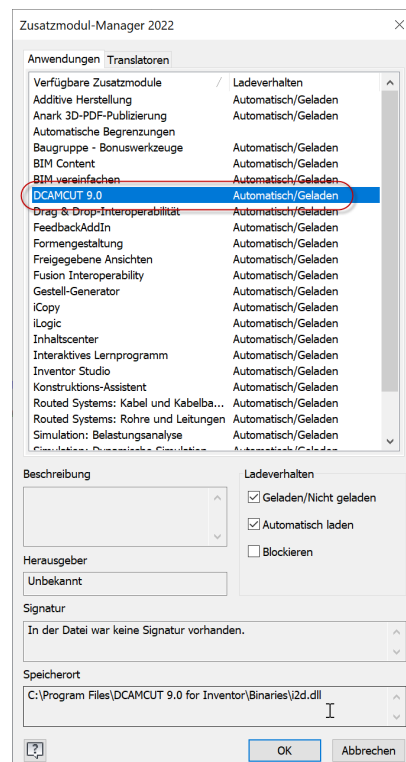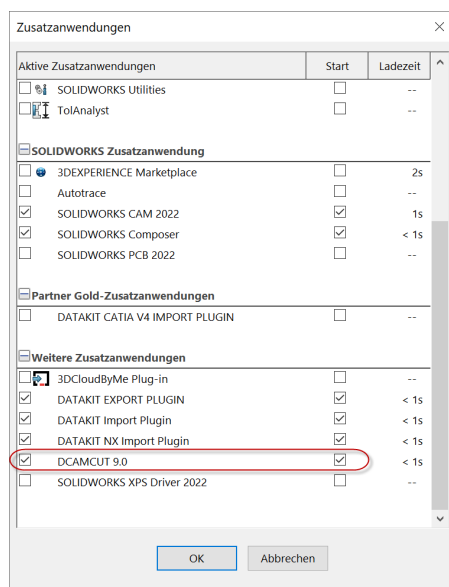

The Desktop icon of DCAMCUT is created.

3)   Installation for SolidWorks and Inventor

This Installation is identical to the Solo installation.
Except, after the installation, DCAMCUT must be activated in the additional applications/additional modules.

4) Installation and updates from the homepage

Click on the Link:

https://www.dcam.de/en/download/

Here you can download the software in the download section at any time.

| addin_iv.9.0.19037.sfx.exe | 17.06.2022 14:40 | Anwendung | 10.076 KB |

Since this is a download helper, this sfx.exe is quickly downloaded and once executed, the complete software is downloaded to start the installation wizard, which will guide you through the complete installation process as described in section 2) Initial Installation.
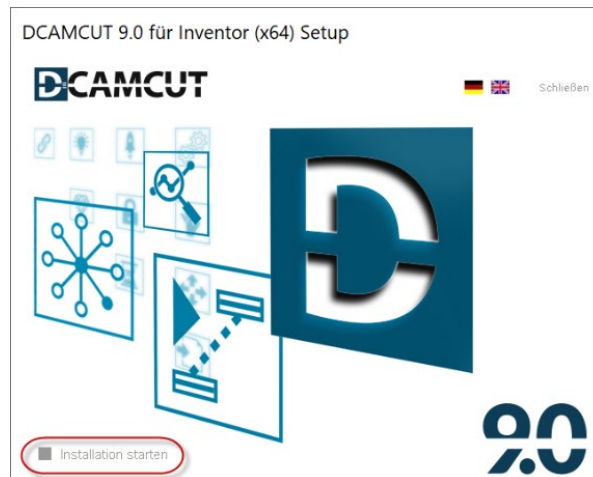
5) Import of the license

To import a license, the current version of the License Manager must be installed on your PC which is part of the software installation.

Online

- Requirement: DCAM GmbH has informed about the provision of a license update and the License Manager is in online mode.
- Click the **Update button** to the left of the Online/Offline button.
- Wait for the feedback of the License Manager.
- If the license update was successfully imported, a corresponding message appears.

If the license update fails or the computer does not have an active Internet connection, an offline update must be performed.

When the License Manager is started, it also automatically checks for provided license updates and applies them.

Offline

- Prerequisite: DCAM GmbH has provided a file (v2c-file) with the license update by e-mail.
- Save the v2c-file on your computer.
- Click on the **Open file** button**.**
- Windows Explorer opens.
- Navigate to the saved license update and open it.
- The license will be updated.

If there are problems, a c2v-file must be created in the License Manager by clicking the button **request update** and sent to DCAM via e-Mail (info@dcam.de).

Network licenses: For network licenses, license updates can also be imported across the network.

If problems occur during installation or licensing, please contact our Support Team.

Telephone: +49-30-5900-957-1588
E-Mail: support@dcam.de