



RA AUTOMOTIVE
SOFTWARE SOLUTIONS

Silver Snap-Tool Installation Guide

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TIP

You can always find the latest version of this guide for download (PDF) on <https://silversnaptool.com>.

1. Getting started

Welcome to Silver Snap-Tool brought to you by RA Automotive Solutions Inc. and made by RA Consulting.

At this point you've

- purchased Silver Snap-Tool
- subscribed for the Silver Snap-Tool data transfer service (DTS)
- received the welcome email(s) for your DTS account(s) on <https://portal.ca-hdim.ra-automotive.net>
- set a new password for the account(s) and
- got yourself a supported and CARB-approved vehicle communication interface (see list of [Approved Vehicle Communication Interface Hardware](#)).

This guide now takes you through the different ways of installation and the license activation.

TIP

Before you continue, and if your company restricts internet access through a firewall, you may want to check if your company's [firewall settings](#) need to be adjusted for a smooth installation and license registration process.

2. Installation

2.1. Assisted installation or update via Silver Snap-Tool Online Installer

TIP

This is the most convenient and easiest way to install and also update Silver Snap-Tool, Silver Snap-Tool Pre-Check Viewer and the drivers for your vehicle communication interface.

Just follow these steps:

1. Download the latest version of the Online Installer from the [DTS downloads page](#).
2. Find the downloaded file SSnT0nlineInstaller-v*.exe in your personal Downloads folder or the folder you chose to download to.
3. Double-click on the file to start it.
4. Once started, choose your interface hardware cable (VCI) from those shown and allow the driver to be updated, if necessary.

TIP

If the Online Installer detects that the latest version of the driver is already installed, it will do nothing and simply inform you of this fact. For this reason, if you have more than one type of interface hardware, you can also run the installer again and select the other

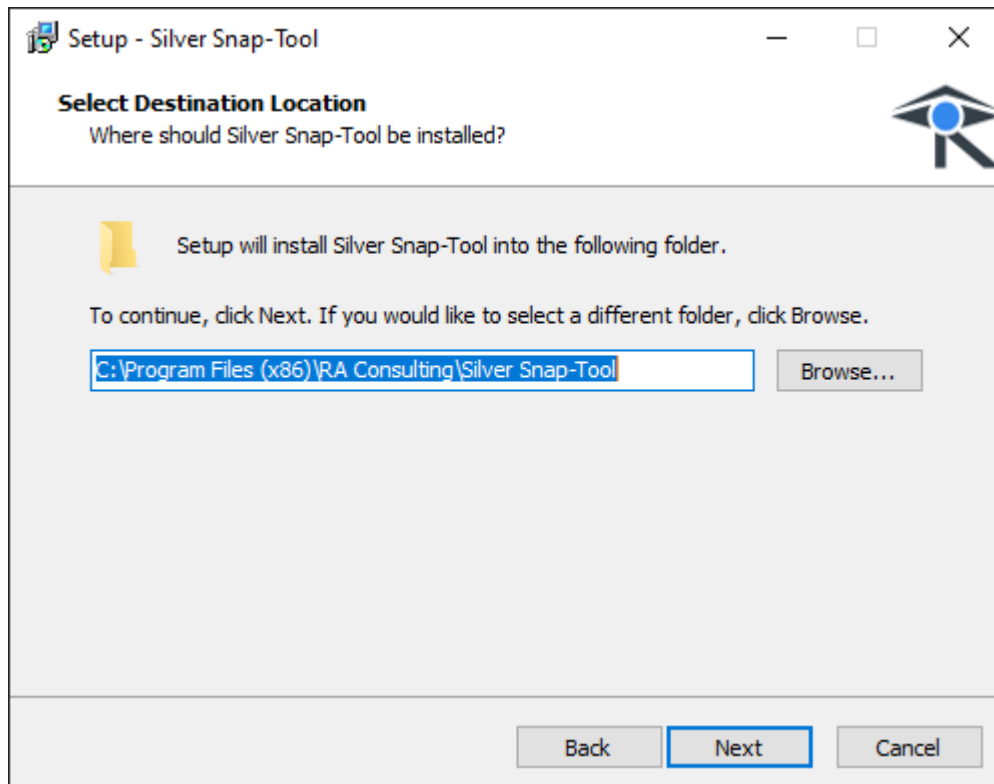
interface hardware to install its driver.

5. If it is an initial installation (as opposed to an update) now continue with the license activation. Otherwise you can skip that step and are already done.

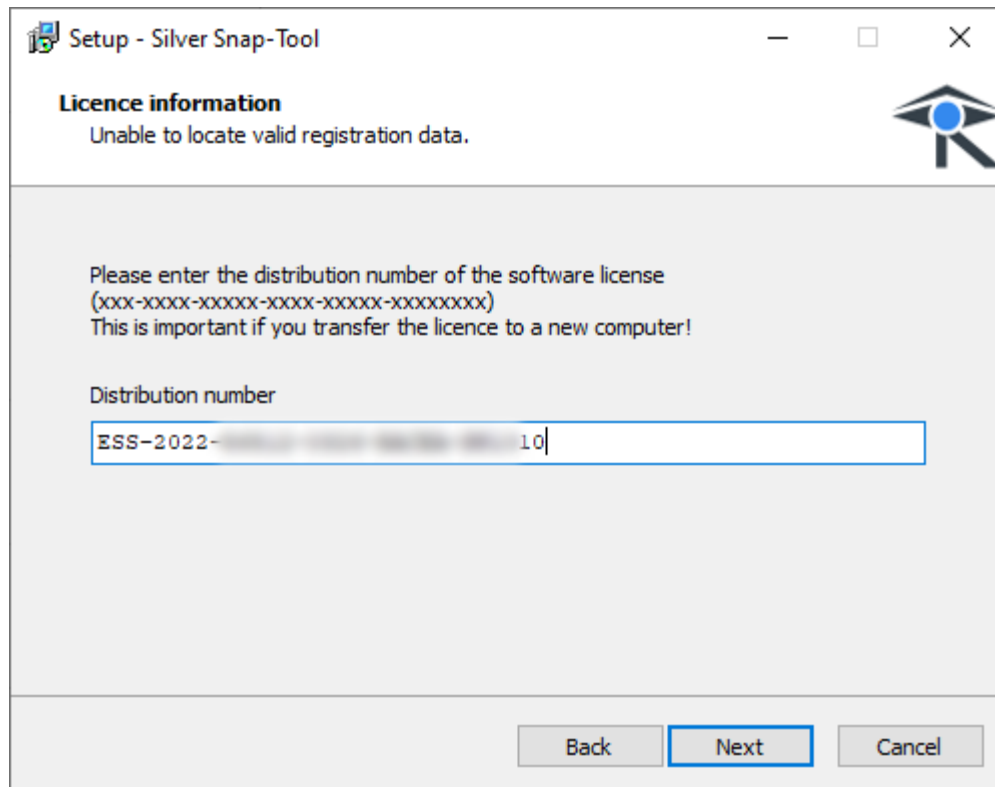
2.2. Manual installation

Please download Silver Snap-Tool's latest setup file and the driver setup for your vehicle communication interface from the [DTS downloads page](#).

1. Run the setup executable.
2. The Windows UAC dialog (user access control) will show up and ask you for the credentials of an account with elevated rights. Please enter the credentials of your administrator account at this point.
3. Choose an installation folder or use the default installation folder (recommended).



4. Next, choose further options like the start menu folder and if a desktop icon should be created.
5. Enter the distribution number you received along with your license information.



6. Finish the installation.

2.3. Unattended installation

Silver Snap-Tool's and Silver Snap-Tool Pre-Check Viewer's installers are based on Inno Setup. So all common [Inno Setup commandline options](#) apply.

Additionally, there is a custom option `/DN` for passing the distribution number to the setup. However, please note that it is not required to pass a distribution number when running the setup program silently. But the `/DN` option can be useful to preset the distribution number for later registration, that then takes place upon first start of the software, see [Section 3, "License activation"](#).

For example, to install Silver Snap-Tool silently, the commandline could look like this:

```
:> "Silver Snap-Tool Setup.exe" /SP- /VERYSILENT /SUPPRESSMSGBOXES
```

with Inno Setup options `/SP`, `/VERYSILENT` and `/SUPPRESSMSGBOXES` as described [here](#).

3. License activation

Now start Silver Snap-Tool by double-clicking the desktop icon or using the Windows start menu.

On this very first start-up, the registration assistant will show up.

NOTE

If you used the Online Installer the registration assistant will first ask for your distribution number.

It will ask you to enter your license key and register the software by pressing the corresponding button.

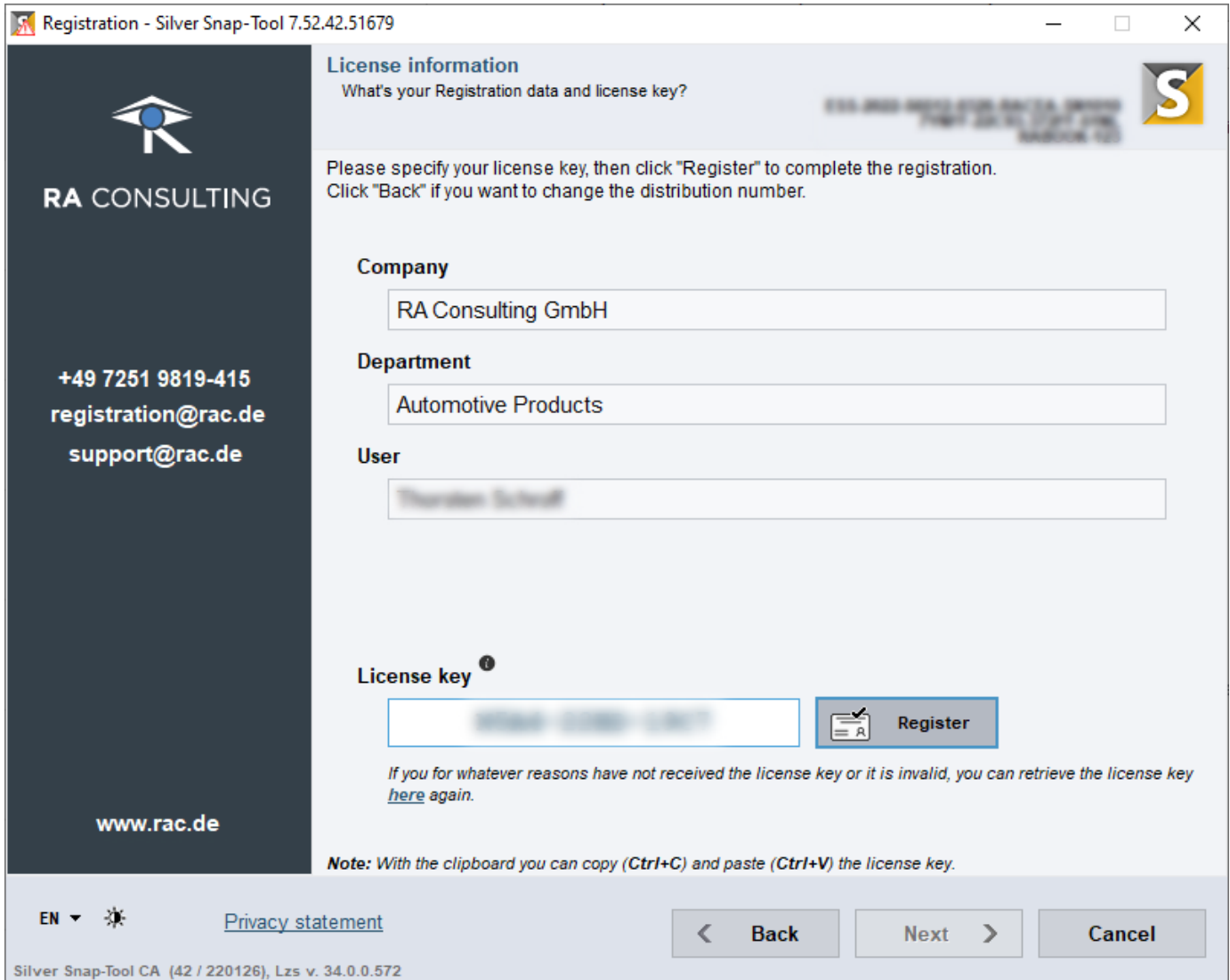
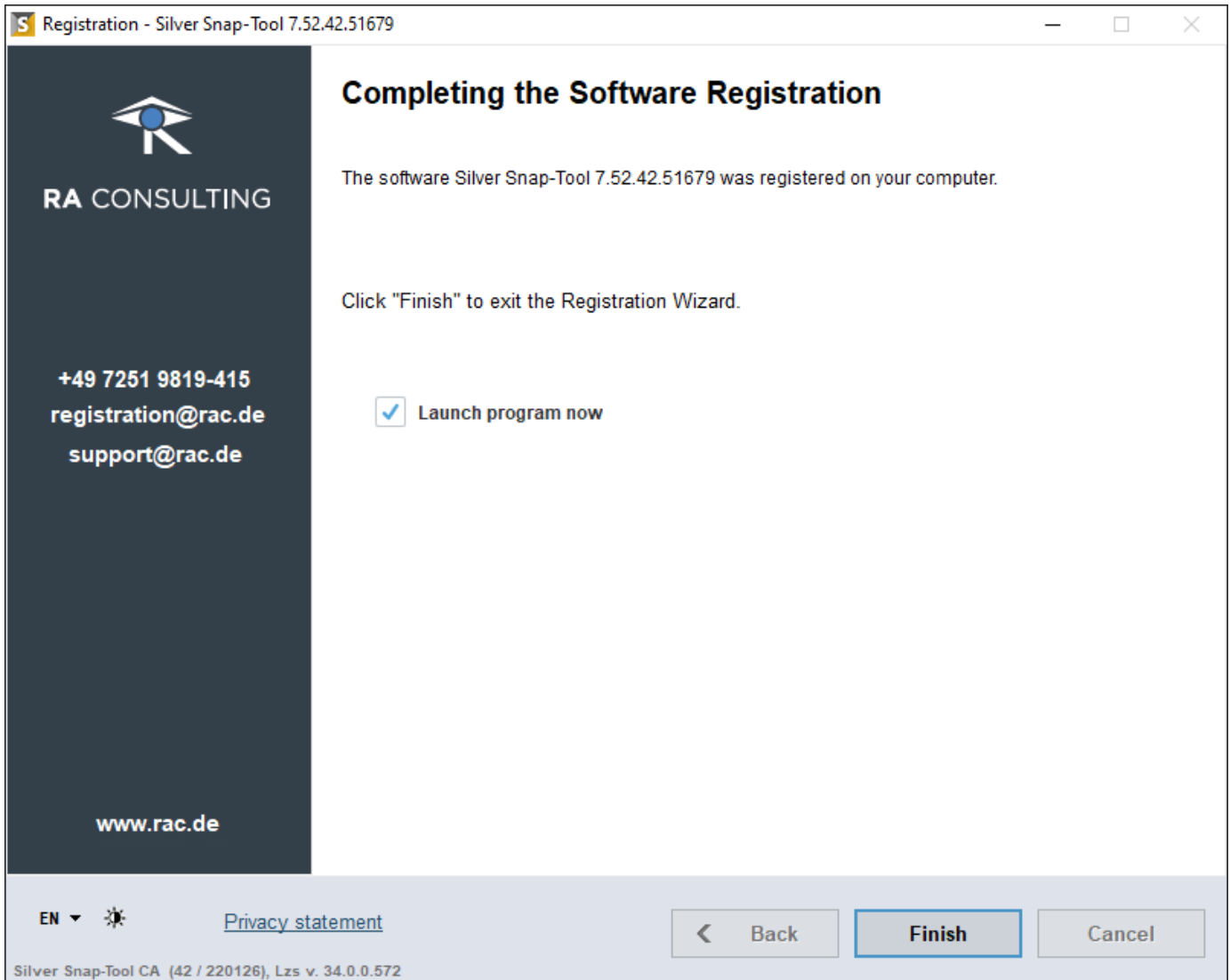


Figure 1. Enter the license key in order to register the software.

After successful registration, you will be able to finally launch the application.



After Silver Snap-Tool has started, you will be greeted by the main dialog. That's it.

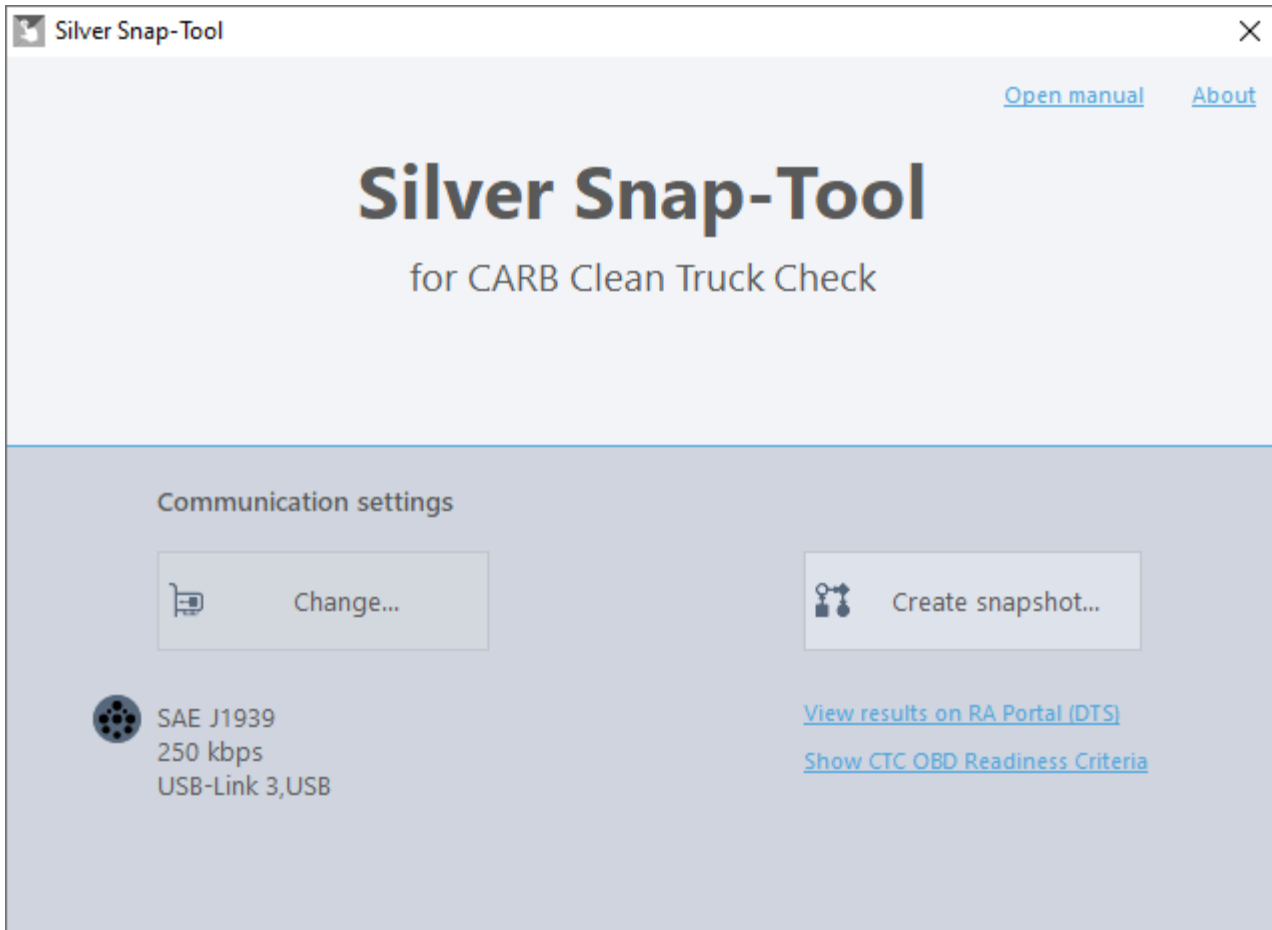


Figure 2. Silver Snap-Tool's main dialog

4. Firewall settings

In case your company's IT is restricting access to the internet, please find below the domains to whitelist for

- downloading and installing the software through the Online Installer
- using Silver Snap-Tool and its data transfer service (DTS)
- accessing RA Portal (DTS) (including setting the password and logging into your account)

access to the following server(s) is required, both for HTTPS GET and POST requests on standard port 443:

```
portal.ca-hdim.ra-automotive.net  
login.ca-hdim.ra-automotive.net  
api.ca-hdim.ra-automotive.net
```

They should be unblocked in the firewall.

NOTE

Additionally, the RA Portal (DTS) retrieves data from several CDNs for some JavaScript and CSS URLs.

For the registration server, which is accessed the first time Silver Snap-Tool or Silver Snap-Tool Pre-Check Viewer is run, the following is required, both for HTTP and HTTPS GET and POST requests:

```
license.rac.de
```

To receive emails from DTS email system, ensure the following email domains are not rejected or sent to spam:

```
*@ca-hdim.ra-automotive.net  
*@ra-automotive.net
```