

A light blue silhouette of a world map is centered in the background of the cover.

# CDEGS

**SES Software**

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**Personal Installation**

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**Version 17.0**

**2021**

# Contents

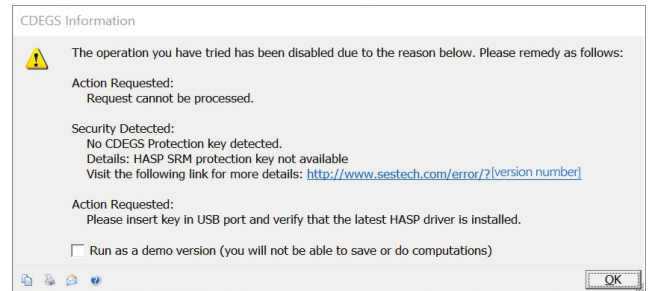
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# Installing the Standalone Software Protection Key

SES ships its software packages with a software license protection key (USB). The key is to be plugged into a USB port of your computer. Most software packages, tools and utilities will not function without it. If the software license protection key is missing or defective, the following message is displayed if a protected software package or utility is accessed.

It is very important to secure the software license protection key at all times, and highly recommended to have it insured<sup>1</sup>. If the key is missing or defective, the message shown to the right is displayed every time there is an attempt to access a protected software package or utility. It is imperative to communicate with SES prior to returning a key for any reason (upgrade, replacement, etc.), and to use an approved courier service, such as Federal Express or UPS, for the shipment.



## Note

Previous versions of SES Software could use two types of software protection keys: Scribe keys (which plug into the parallel port) and Hasp keys (which plug into a USB port). Starting at version 14.3 of the software, *Scribe* keys are no longer supported. If you currently have a Scribe key, please contact SES to exchange your Scribe key for a Hasp key.

## 1. Client Software Protection Configuration

Normally, the **SES Software Setup** program will install and configure the software protection system automatically. Proceed as follows if you need to install and configure it manually:


1. Run SESLicenseManager from the **Start** menu: (**Start | Programs | SES Software | System | SESLicenseManager**).
2. Click the **Check** button.
3. Select *Hasp Key* and click on the **Install Key Driver** button to install the driver.

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<sup>1</sup>SES offers an insurance service that protects your investment and, in case of loss or theft, ensures the prompt replacement of your key. If you have an active support service, then you automatically have this insurance. If you have any questions, please contact SES.

4. If the program is unable to find the distribution folder you will be asked to enter or browse to the correct path; specify the root folder of the distribution folder.
5. Physically connect the Hasp key to your computer, and click the **Next** button.
6. *Your protection key is successfully installed.* will be shown in the **Finished** step; click the **Finish** button to close the window.

The driver for your software protection key will be installed and SES Software will be configured to use it.

 **Note**

The distribution folder should exist on your computer. By default, this folder is called Setup and is located under the **SES Software Documents** folder. You can open this last folder using **Start | All Programs | SES Software | Program Folders | Documents** folder. If the Setup folder is missing, please rerun the full installation of SES Software to generate the distribution folder.

### 1.1 Troubleshooting

If SESLicenseManager is unable to install the security key driver for any reason, try manually installing the relevant security key driver before contacting SES support. The installation routines for the security key driver can be found on the SES Software distribution folder at the following location: `\Tools\HASP\install\HASPUserSetup.exe`.

### 1.2 Installation Troubleshooting

Q: CDEGS won't start. What's wrong?

Read the systems requirements section of the *Installation Guide* carefully. Check that you have the recommended minimum configuration to run the CDEGS software.

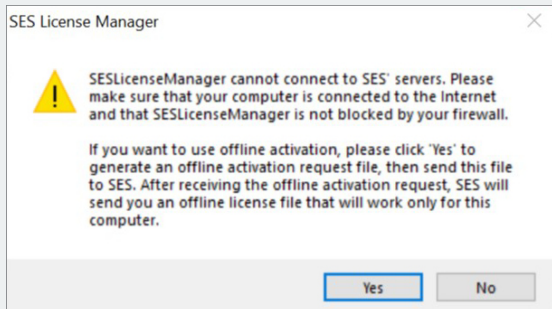
# Software License Protection Key - Updating the Expiration Date

## 2. SESLicenseManager Program

To protect our users, we have introduced a timed software license protection key which, if stolen, becomes ineffective after a period of time. It is easy to maintain: simply reinitialize it with the supplied SESLicenseManager program. The procedure for resetting the date on the protection key is described below. Please close all SES Software programs prior to updating your software license protection key. Make sure that you are running this procedure on the computer where the key is installed.

### Note

SESLicenseManager must connect to SES's server over the internet while activating the software license protection key. If the program is unable to connect to SES, you will be offered to use offline activation with the following message, during the latter part of the activation process.



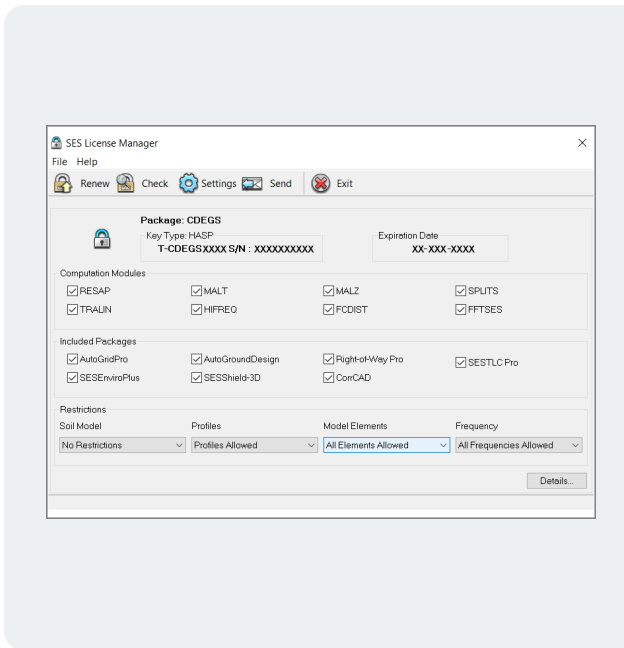
If you want to use offline activation, please send SES an offline activation request file by answering **Yes** and following the wizard.

After receiving the offline activation request, SES will send you an offline license file that will work only for the computer that generated the offline activation request file

Before you start, insert your software license protection key into your computer. You will need a license file from SES (or a link to such a file) or the username and password of your support account.

1. In the **Windows Start Menu**, go to **All Programs**, then select **SES Software x...x** (where *x...x* is the version number of the most recently installed version of SES Software).
2. Once you have opened the SES Software menu, click on the **System** menu.
3. In the **System** menu, click on **SESLicenseManager**.

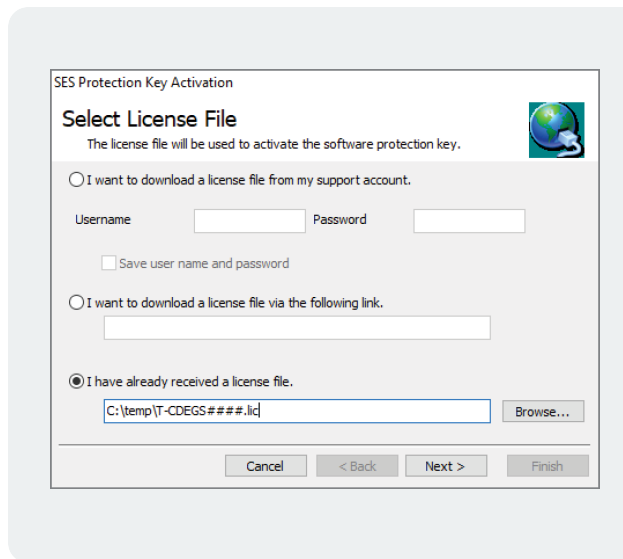
4. You will see one of the two screens that follow:



On this screen:

- The example shows a CDEGS package. The **Computation Modules Programs** panel displays which modules are enabled by your software license protection key. The **Included Packages** panel displays other packages included in your key.
- The type of soil model that can be used with your software package(s) is indicated at the left side of the **Restrictions** section.
- The remaining panels show the type of software protection license key detected and its expiration date.

- If you are presented with the screen above, select **File | Activate License**, or click the **Renew** button on the toolbar to open the **SES Protection Key Activation Wizard**. The **Select License File** screen appears if a software license protection key is detected, as shown below.
- Alternatively, you may be presented immediately with the **Select License File** screen:



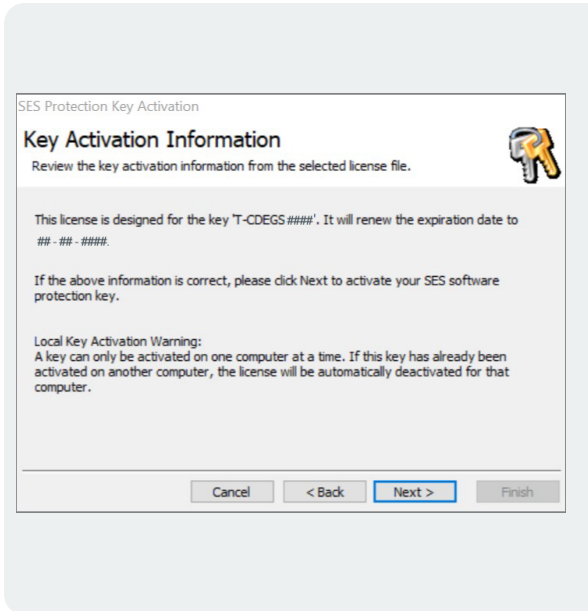
The **Select License File** screen allows you to select a license file to activate your protection key. There are three options:

- If you are under support, you can use your username and password to download your license file automatically.
- You may also use a temporary link provided by SES to download a license file.
- You can select a license file that has been provided by SES

5. Often, you will already have a license file, in which case you should choose the last option, **I have already received a license file**, and click the **Browse** button to go to the directory where you have placed the license file, which you should then select: it is a file named **T-CDEGS####.lic**, where **####** represents the ID number of your key. If you do not have a

license file, but have a link from SES or your support account username and password, then use these instead. Click on **Next**.

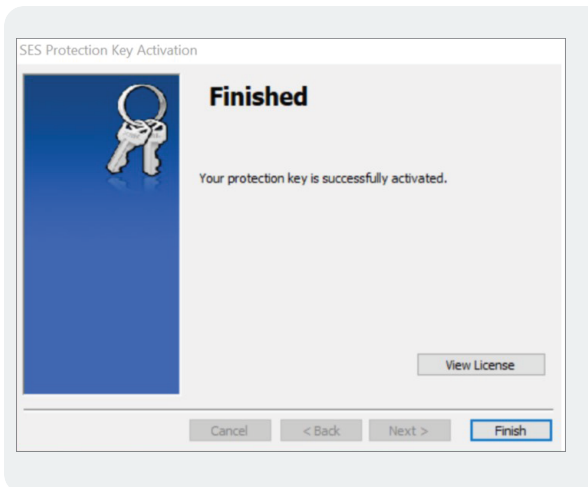
6. The software will attempt to communicate with SES. If this process fails, then you will see the screen shown at the beginning of this document. Follow the ensuing instructions to obtain an offline license file dedicated to the computer you are activating and start the activation process again with the offline license file, when you receive it.



The **Key Activation Information** screen shows the information in your selected license file. If the license file only contains expiration data, it will display only the new expiration date; otherwise it will display the full license information.

The example shown here is for CDEGS key **T-CDEGS####** and assumes that the **SES Protection Key Activation** wizard was launched to reactivate the key until the given date.

7. Read the information on the **Key Activation Information** screen. If you see anything wrong, then contact SES. Click on **Next**.



**Your protection key is successfully activated.** will be shown in the Finished step when the license file has been accepted.

You may use the View License button to view the license information.

At this point simply click on the **Finish** button and the window will close.

The software is now ready to be used.

By default, SESLicenseManager will automatically send the activation file to SES via email. Under certain circumstances, for example depending on your firewall settings or whether you have an email account set up on your PC, the file may fail to send. If this occurs, a notification will typically appear on your screen,

and it is requested that you email the activation report to SES manually at [KeySupport@sestech.com](mailto:KeySupport@sestech.com). The activation report file, *KeyVerify.dat*, is found in the *SES Documents* Folder, which can be accessed by double-clicking the SES Software shortcut and then:

### Program Folders | Documents Folder

You may also notice other files in this folder, for example *KeyDiagnostics.dat*, which is a diagnostic report that is sent to SES when the **Send** button is clicked from the SESLicenseManager main screen. *KeyOARquest.dat* contains the offline activation request that would be generated and sent to SES if off-line activation was requested.

The software license protection key, as shipped, is valid for a limited time. The SESLicenseManager utility requires the license file to renew the protection key. SES will provide you with this license file (by email).

## Activating the Protection Key on a New PC

Activation of the protection key is required before it can be used. The activation can be done from any client computer. Please follow the same steps as outlined in the topic [Updating the Expiration Date of the Protection Key](#) to activate the protection key.



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