

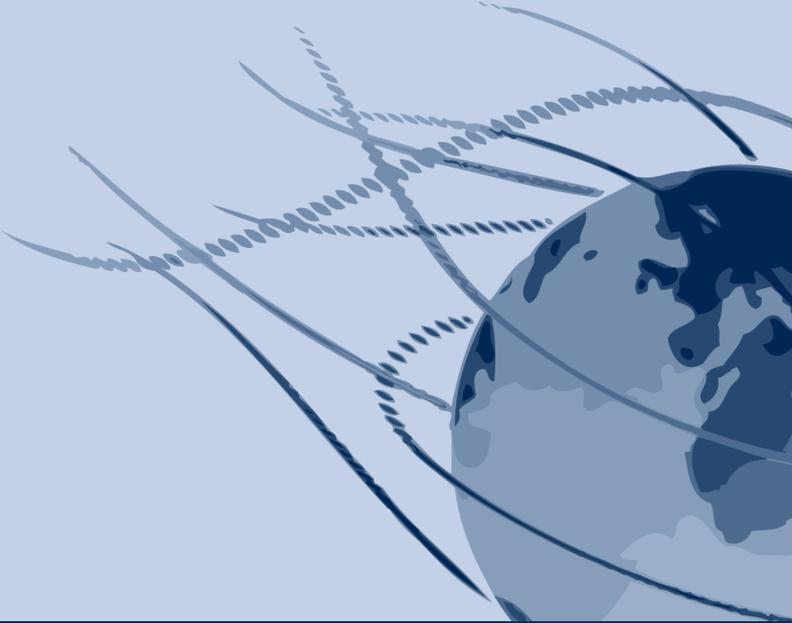
Reliance 4

LICENSE KEY UTILITY      



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1 Introduction

License Key Utility is designed for acquiring detailed information on licenses stored in a license key. It is also used for generating registration files and upgrading license keys.

2 License Key

The Reliance SCADA system distinguishes two types of license key:

- **Hardware key**
- **Software key**

A hardware key is a small piece of hardware containing license information. It is available in two versions – LPT and USB. Both of them can be connected to the respective port of a computer. The hardware key is portable between computers. A driver is required to be installed before it can be used.

A software key is a special file containing license information and information on the computer it is designed for. For this reason, the software key cannot be used on another computer (it is not portable between computers). The software key is stored in the license file(`$(PublicDocuments)\GEOVAP\Licenses\License.key`).

3 Installation and Startup of License Key Utility

License Key Utility is part of the Reliance system's installation program. It is stored in the <Reliance4>\Utils\LicenseKeyUtil directory. To run the utility, open the LicenseKey.Util.exe file.

If needed, it can be installed separately (independently of the Reliance system). The utility's latest version can be installed by downloading it from the Members Section on www.reliance-scada.com. Upon installation, a shortcut to the utility is placed in the Start menu (*Start > Programs > Reliance > Reliance License Key Utility*).

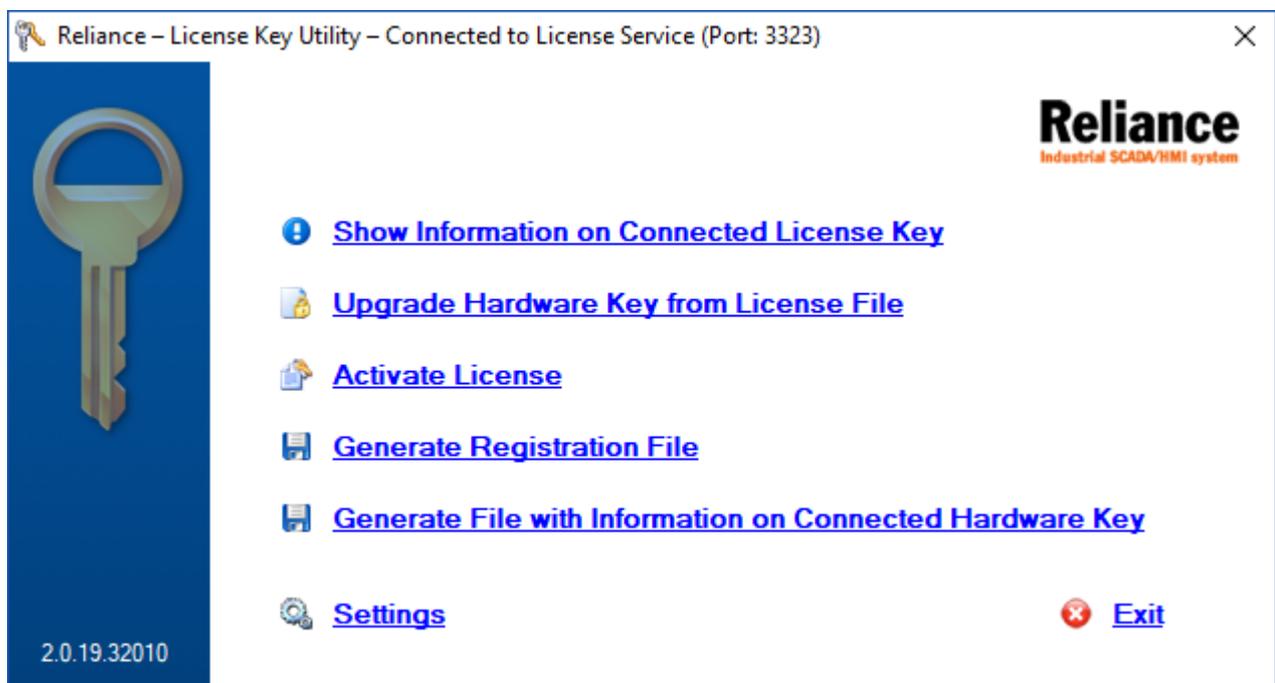
License Key Utility can also be launched by clicking the *Help > License > Information* command in the main menu of the Reliance system.

Microsoft .NET Framework 3.5 is required to run the utility.

4 Main Window

The main window of License Key Utility is displayed after its startup. It contains several commands and information on the current version.

Note: If a command within the Reliance system is used to start the utility (usually to display license information stored in a license key), a particular subwindow is displayed instead of the main window.

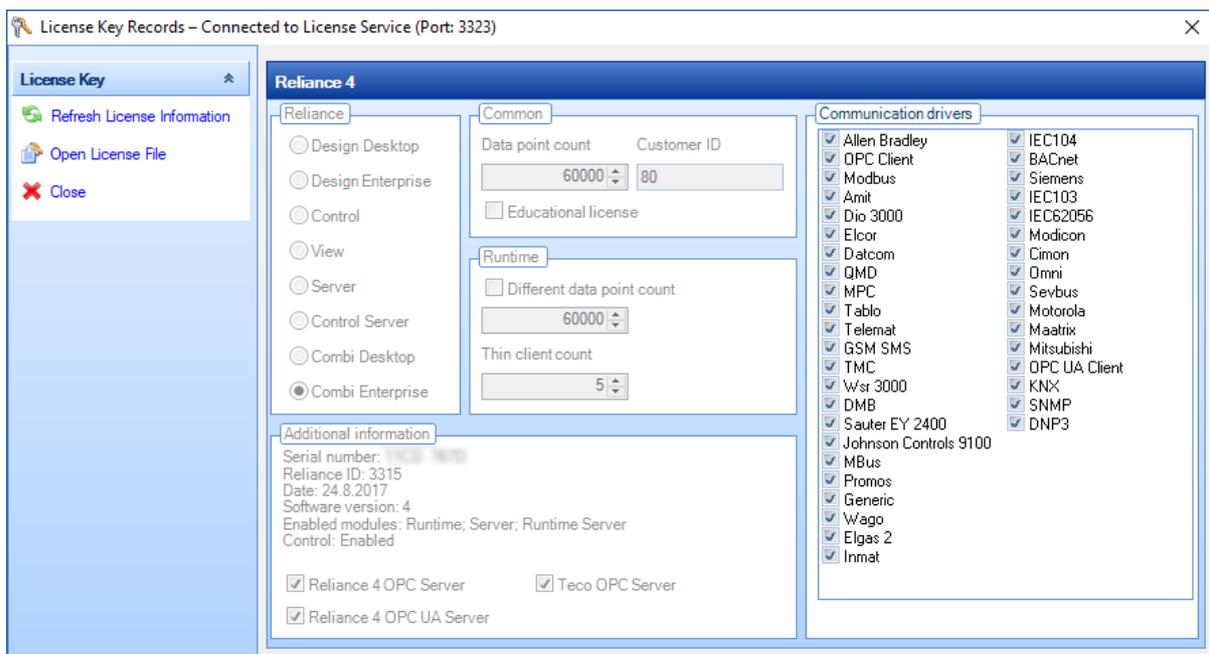


4.1 Show Information on Connected License Key

The *Show Information on Connected License Key* command is used to display a dialog box containing information on licenses stored in a license key. When detecting license keys, hardware keys are always preferred to software keys.

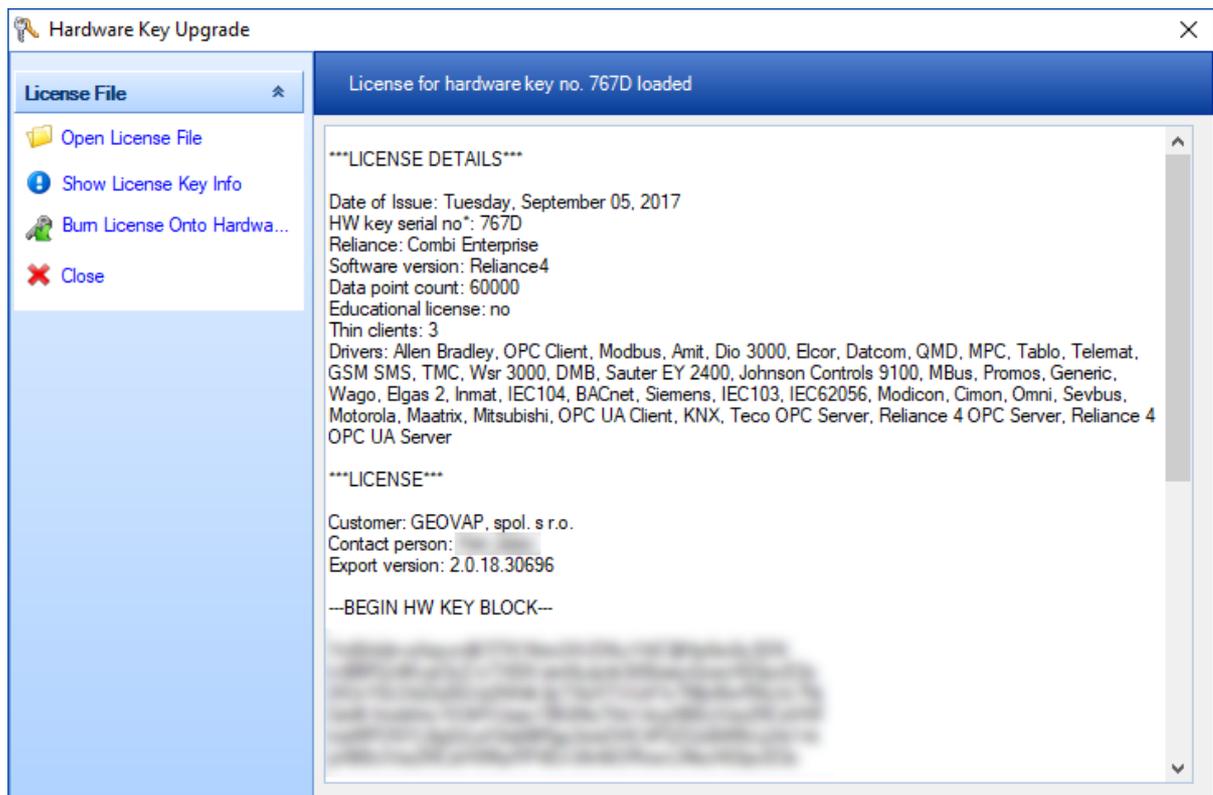
To repeatedly load information from the license key, use the *Refresh License Information* command.

To display information on the software key (while using a hardware key, or in case the software key and the Reliance system are stored in different directories), use the *Open License File* command, which first prompts the user to select a license key file, then displays license information.

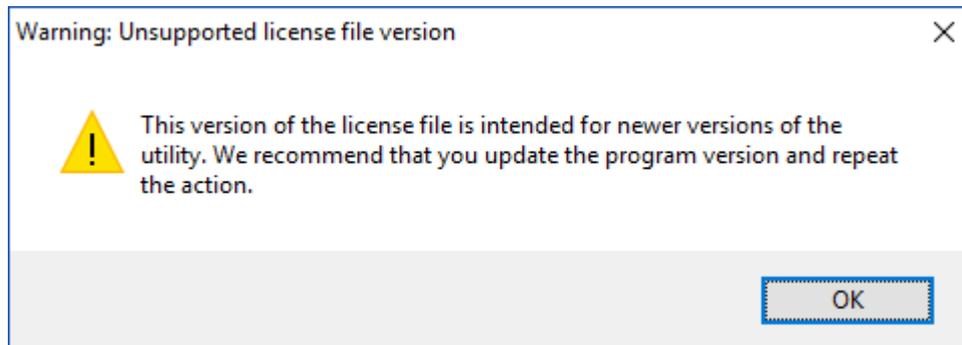


4.2 Upgrade Hardware Key from License File

The *Upgrade Hardware Key from License File* command is used to display a dialog box allowing you to update the license stored in the hardware key. To make the changes, it is necessary that the hardware key be connected and the so-called license key file with new license data be available.



The *Open License File* command is used to display the dialog box for selecting a license key file. After opening the license key file, its contents are displayed at the right side of the box. The license key file contains a header with information on the stored licenses, information on the export version, and encrypted license data. If the export version is newer than the current version of the license utility, a warning message appears.



In such a case, we recommend that you update the utility.

To check licenses stored in the hardware key, use the *Show License Key Info* command.

The *Burn License Onto Hardware Key* command is used to compare the license key's serial number with the serial number stored in the license file. Subsequently, it stores new licenses into the hardware key.

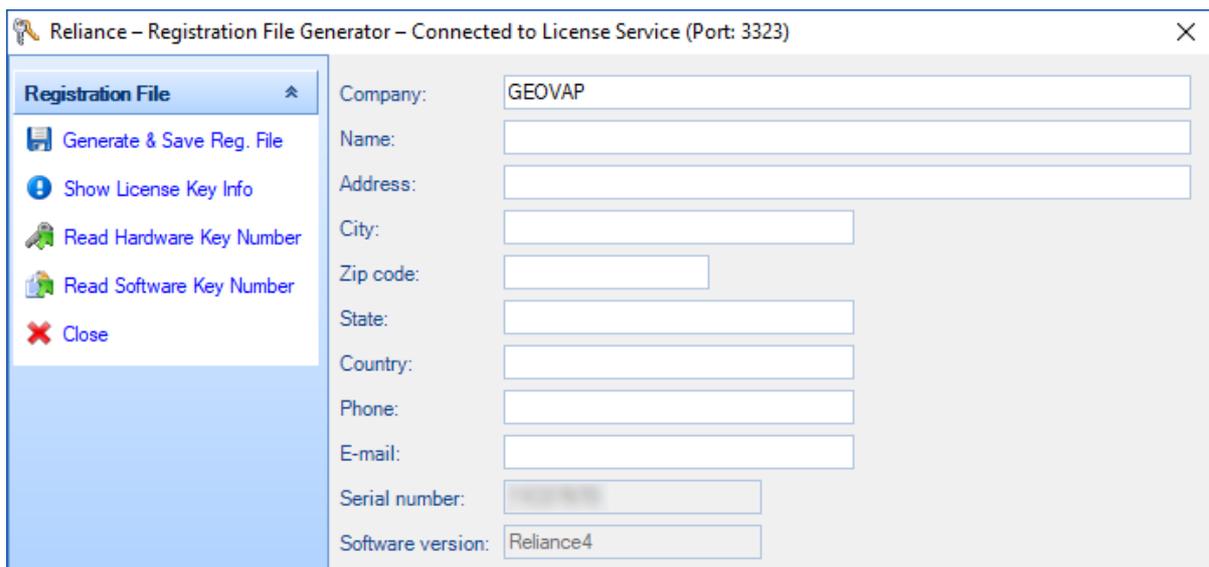
Note: To update licenses in the software key, use the *Activate License Wizard*, which can be invoked either by choosing the [Activate License](#) command from the main window or by using the *Help > License > Activate* command in the main menu of the Reliance system.

4.3 Activate License

For detailed information about the *Activate License* command, please refer to the **Activate License** manual.

4.4 Generate Registration File

The *Generate Registration File* command is used to display a dialog box allowing you to create a registration file containing information on the end user (e.g., name, company, address).



The screenshot shows a Windows-style dialog box titled "Reliance - Registration File Generator - Connected to License Service (Port: 3323)". On the left, there is a sidebar menu under the heading "Registration File" with the following options: "Generate & Save Reg. File", "Show License Key Info", "Read Hardware Key Number", "Read Software Key Number", and "Close". The main area of the dialog contains several input fields for user information: "Company:" (filled with "GEOVAP"), "Name:", "Address:", "City:", "Zip code:", "State:", "Country:", "Phone:", "E-mail:", "Serial number:" (the text is blurred), and "Software version:" (filled with "Reliance4").

When all required registration data is filled out, it is necessary to read the license key with which the registration will be bound. The *Read Hardware Key Number* command allows for reading and displaying the hardware key's serial number.

If a software key is applied, its serial number is stored in the license file (`$(PublicDocuments)\GEOVAP\Licenses\License.key`). To read this file, use the *Read Software Key Number* command.

The *Generate & Save Reg. File* command is used for generating and saving the registration file.

The generated registration file can be opened either in the development environment or in the runtime software of the Reliance system. To do so, use the *Help > License > Register* command in the main menu. The information contained in the registration file is available to the user, for example, in the *About Reliance* dialog box in the *Registered user of this copy* item.

4.5 Generate File with Information on Connected Hardware Key

The *Generate File with Information on Connected Hardware Key* command is used to open a dialog box for selecting a text file and storing information on licenses in the hardware key. To solve potential problems, this text file can be used for sending (e.g., via email) information on the hardware key to the Reliance support team.

4.6 Settings

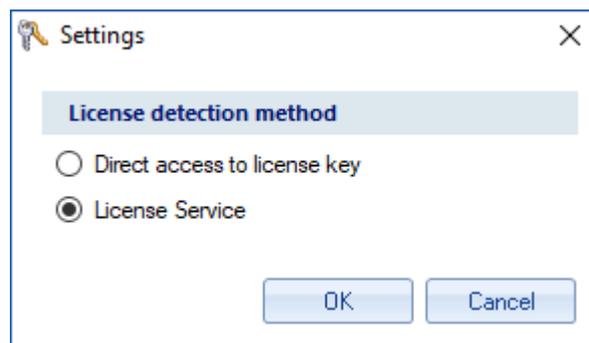
The *Settings* command is used to display a dialog box for setting the utility. In this box, you can choose how to detect the license. There are two options:

- **Direct access to license key**

Information on the license key is read/written directly by License Key Utility.

- **License Service**

Information on a license key is read/written via the License Service installed on a local computer. Communication between the utility and the License Service runs via the TCP/IP protocol. If the License Service is used, no problems with hardware key detection occur when connecting to the server using a remote desktop.

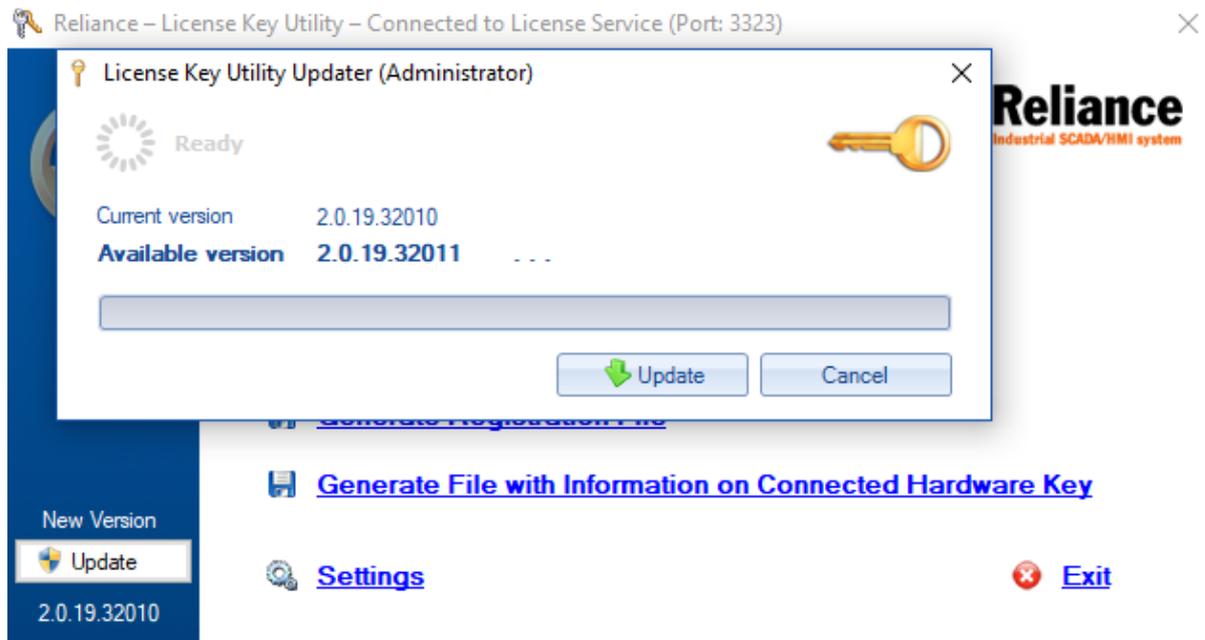


Important: The License Service is part of the Reliance 4 system from version 4.1.5. For this reason, it cannot be used in older versions of the software. In the Services control panel of Windows, you can check whether the License Service is installed. The License Service is registered under the name Reliance License Service.

Note: If you select the License Service option, this selection will be displayed in the main window's title bar.

4.7 Update

The *Update* button is used for updating the utility. It is available only if a new version of the utility has been found.



Note: Your computer must be connected to the Internet.