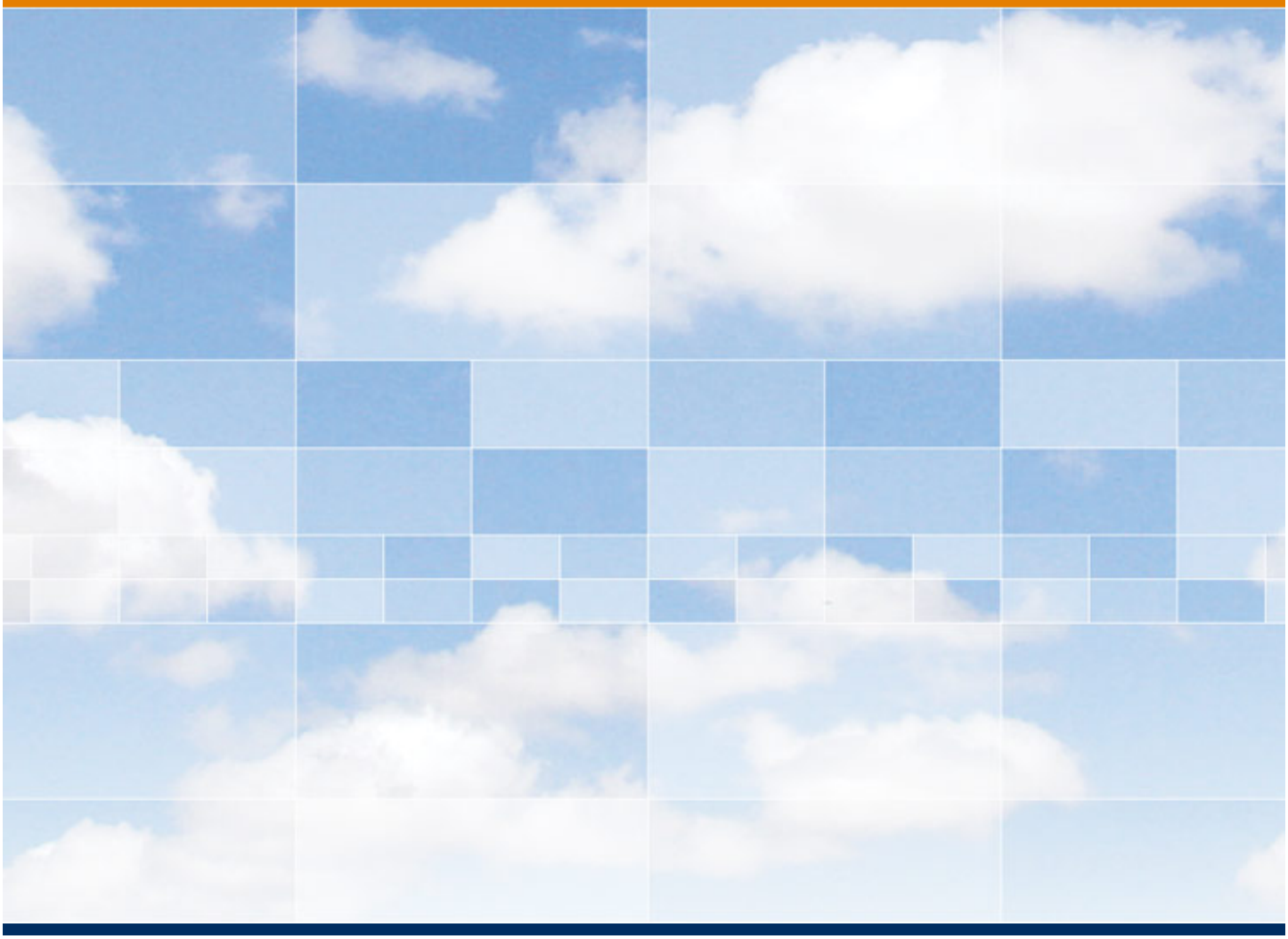
MatrikonOPC



MatrikonOPC

Licensing Procedures

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Licensing Procedures

This manual is a product of Matrikon Inc.

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Introduction

This document is intended to assist you in licensing MatrikonOPC™ products.

Please feel free to contact the MatrikonOPC Support group any time you require assistance. Refer to the **Contacting MatrikonOPC** section in this document for contact information.

Who Should Use This Manual

This document is intended for all users responsible for licensing MatrikonOPC products, and explains how to perform licensing tasks.

Overview of Manual

This document uses icons to highlight valuable information. Remember these icons and what they mean, as they will assist you throughout the manual.

	This symbol denotes important information that must be acknowledged. Failure to do so may result in the software not functioning properly.
BOLD	Font displayed in this color and style indicates a hyperlink to the applicable/associated information within this manual, or if applicable, any external sources.

The *Licensing Procedures* document has been designed as such so that you can click on references in the document to jump to that referenced point without having to scroll through several pages (in some cases). For example, if you were to see the sentence “Refer to Figure 1 for more information”, pressing the **CTRL** key and clicking your mouse on the text “Figure 1” will automatically take you to the location of Figure 1 within the document.

This document consists of several sections and is structured as follows:

- **Introduction** – this introductory chapter.
- **Licensing** – hardware and software key licensing information.
- **Software Licensing Wizard** – information about the MatrikonOPC Licensing Utility that is used to license driver software, and the variety of ways in which licenses can be obtained.
- **Licensing FAQs** – common questions regarding licensing.
- **Contacting MatrikonOPC** – contact phone and fax numbers, and email addresses, for MatrikonOPC’s Licensing and Support teams.

References

Licensing information is also provided online in MatrikonOPC’s Knowledge Base:

Hardware Licensing

http://www.matrikonopc.com/support/Licensing/Hardware_Licensing/kb-product.aspx

Software Licensing

http://www.matrikonopc.com/support/Licensing/Software_Licensing/kb-product.aspx

Terminology

Table 1 provides a list of definitions for terms used throughout this document.

The following terms are used interchangeably:

- *screen* and *window*
- *MatrikonOPC License Wizard* and *License Wizard*

Term / Abbreviation	Description
Matrikon	Matrikon Inc.
OPC	A communication standard. Refer to **www.opcfoundation.org** for more information.
MatrikonOPC	Matrikon's brand name for its OPC-compliant servers and clients.
Demo	As in demo licenses; a temporary or demonstration version.
Lock Selector	Code provided by MatrikonOPC that determines the hardware to which the license will be locked. Modifying the system hardware invalidates the license. Usually two characters in length, ignoring the ***0x*** at the front. Sample Lock Selector: ***0x14***
Lock Code	PC-specific code needed to perform webpage or email licensing. Provides coded information on the PC hardware used for node-locked licensing. Usually five characters in length, ignoring the ***0x*** at the front. Sample Lock Code: ***0xABCDE***
Activation Key	34-digit key provided upon purchase of MatrikonOPC software.

Table 1 - Terms and Definitions

Licensing

Most MatrikonOPC products require that some form of license criteria be met. Some products are hardware-licensed only, some are software-licensed only, and some are both. For more information on MatrikonOPC products that are hardware-licensed only, please contact your Account Manager.



Note: No data is lost in the event of license failure, only the ability to retrieve data is affected.

Hardware Keys

For software that supports hardware key licensing, a USB or HASP hardware key coded to that particular program can be purchased. This key must be securely fastened to the parallel (or USB) port of the computer on which the software is installed.

MatrikonOPC parallel port keys cannot be combined in a series (i.e., “daisy-chained”). All licenses must exist on one physical key, either parallel or USB. However, it does not interfere with hardware keys from other vendors, nor does it affect other normal parallel port applications, such as printing.

If the software uses hardware licensing, the installation program installs a device driver for USB or HASP keys on the target system. It functions for a demonstration period of two hours before “timing out”. At this point, all device communication will cease.

Software Keys

For products that support feature-specific and computer-specific licensing, a license is issued that is specific to a given set of features in the application, and to the computer on which it is installed. The license will not work on another computer, and supports only those features that have been purchased. Products that are software-licensed only, stop working once the license expires.

Software Licensing Wizard

MatrikonOPC provides a Software Licensing Wizard (i.e., **MatrikonOPC License Wizard**) that is used to license their driver software.

During the installation process, you are prompted to install either a 30-day evaluation license or a permanent license (Figure 1).

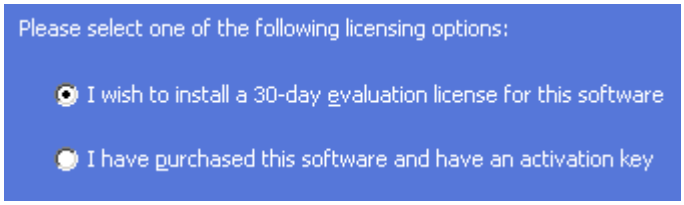


Figure 1 - Installation Options

If you have not purchased the software yet, select the 30-day option. The software can be permanently licensed at a later date without needing to re-install.

If you have purchased the software and have your 34-digit activation key and lock selector, select the second option. The **Matrikon License Wizard** is launched later in the installation process and it can also be launched after the install has completed.

To launch the Wizard after installation is complete:

1. Click on the Windows **Start** button.
2. Select **Programs** -> **MatrikonOPC** -> **[Server/Product Name]** -> **License Wizard**.
3. The **Matrikon License Wizard** (Figure 2) appears.

Matrikon License Wizard with Internet Connection

When the **Matrikon License Wizard** is launched, Figure 2 appears.

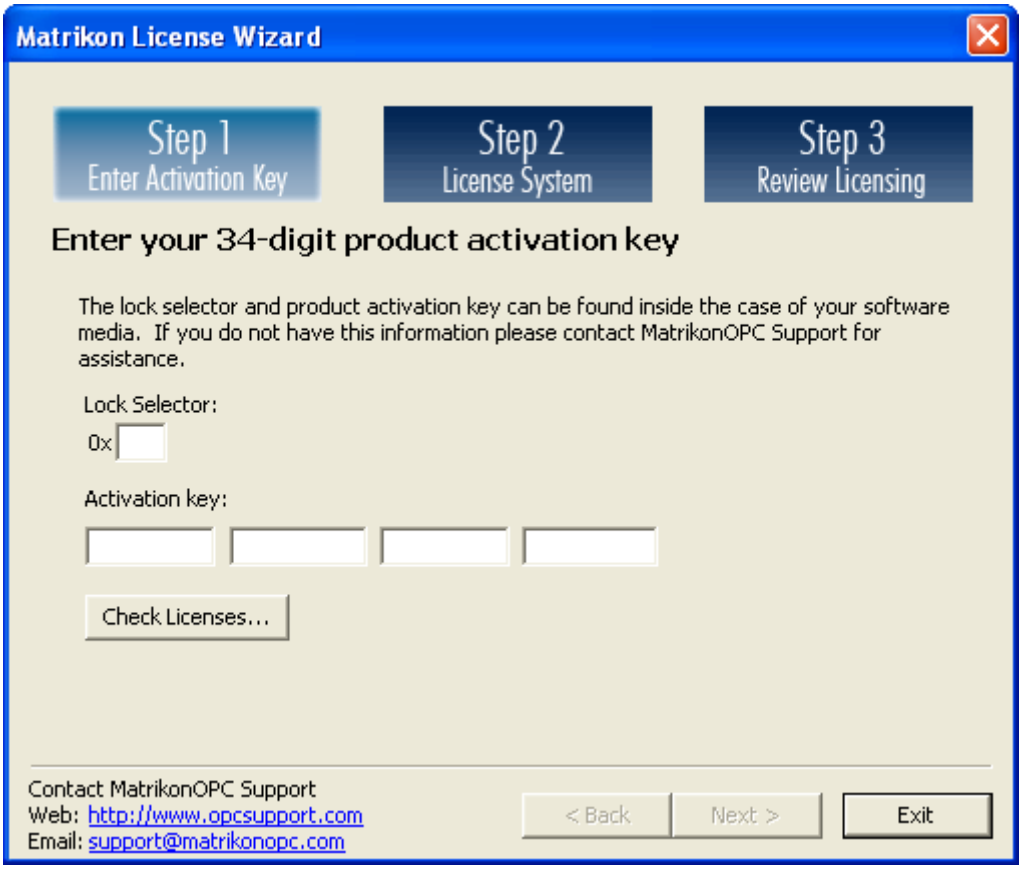


Figure 2 - License Wizard Step 1: Enter Activation Key

To license via an Internet connection:

1. Enter the **Lock Selector** (which is usually ***0x14***).
2. Enter the **Activation key**.
3. Click on the **Next** button.

   Note: The **Next** button is disabled until the **Lock Selector** and **Activation key** fields have been entered.
4. The **Matrikon License Wizard** attempts to license the software by connecting directly to the license server located at the Matrikon head office.

   Note: If there are problems licensing the software, an error message appears informing you as such and provides a reason for the error.
5. **Step 2: License System** of the **License Wizard** (Figure 3) is displayed.

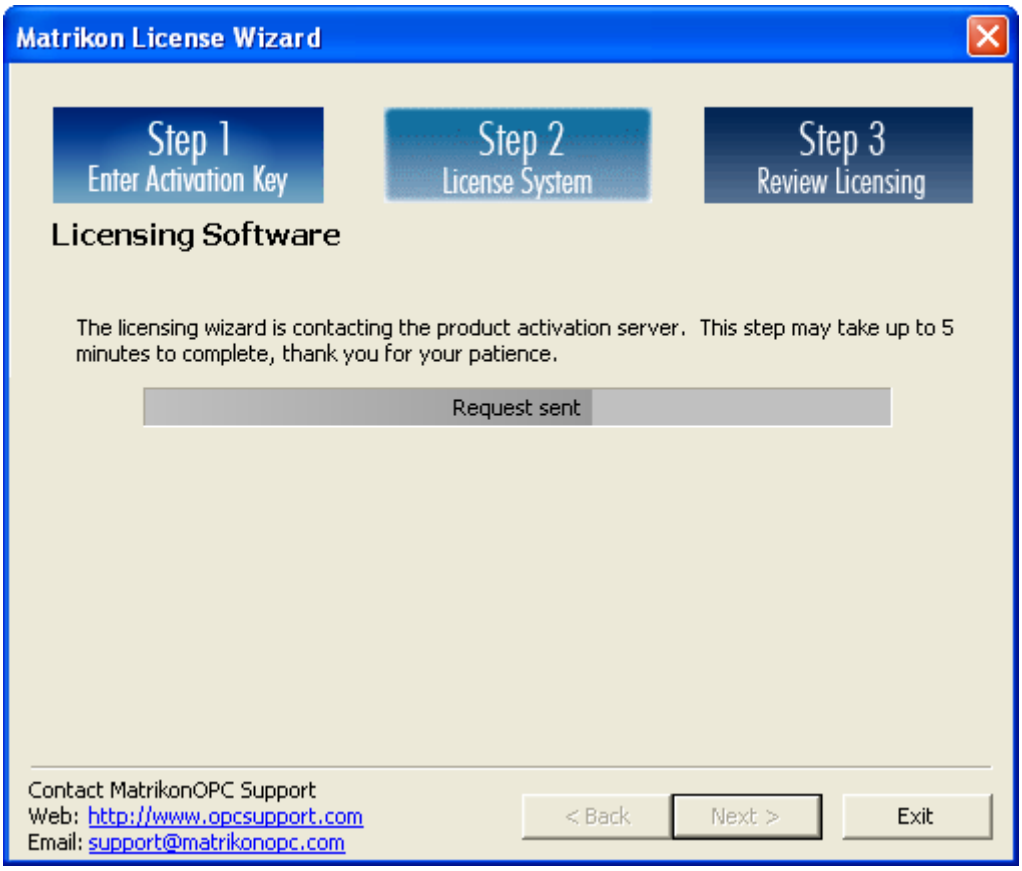


Figure 3 - License Wizard Step 2: License System with Internet

6. If licensing is successful, the **Step 3: Review Licensing** screen (Figure 4) appears.

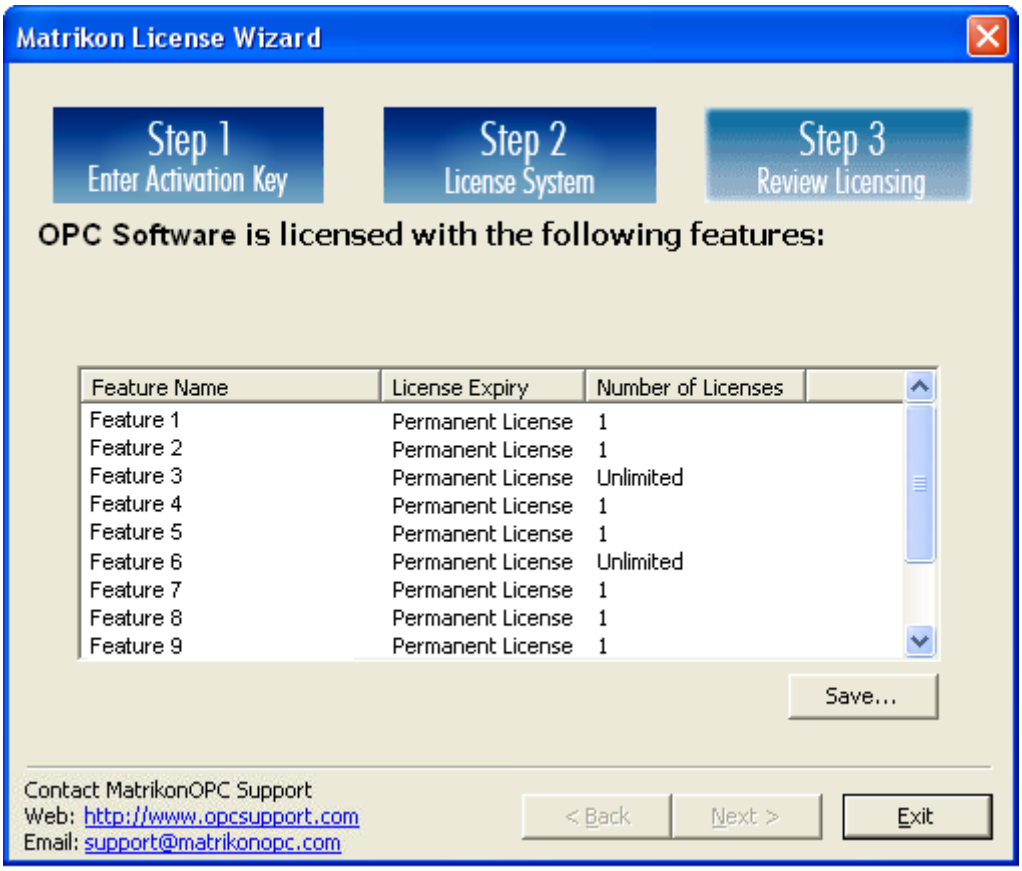


Figure 4 - License Wizard Step 3: Review Licensing

7. Review the list of features that were licensed.

   Note: You can export this list to a file by clicking on the **Save** button.

8. Click on the **Exit** button to complete the licensing and close the **License Wizard**.

Licensing Via Webpage

In the event that your system does not have Internet connectivity, you will be directed to the following **License Wizard** screen (Figure 5) after inputting the **Lock Selector** and **Activation key**.

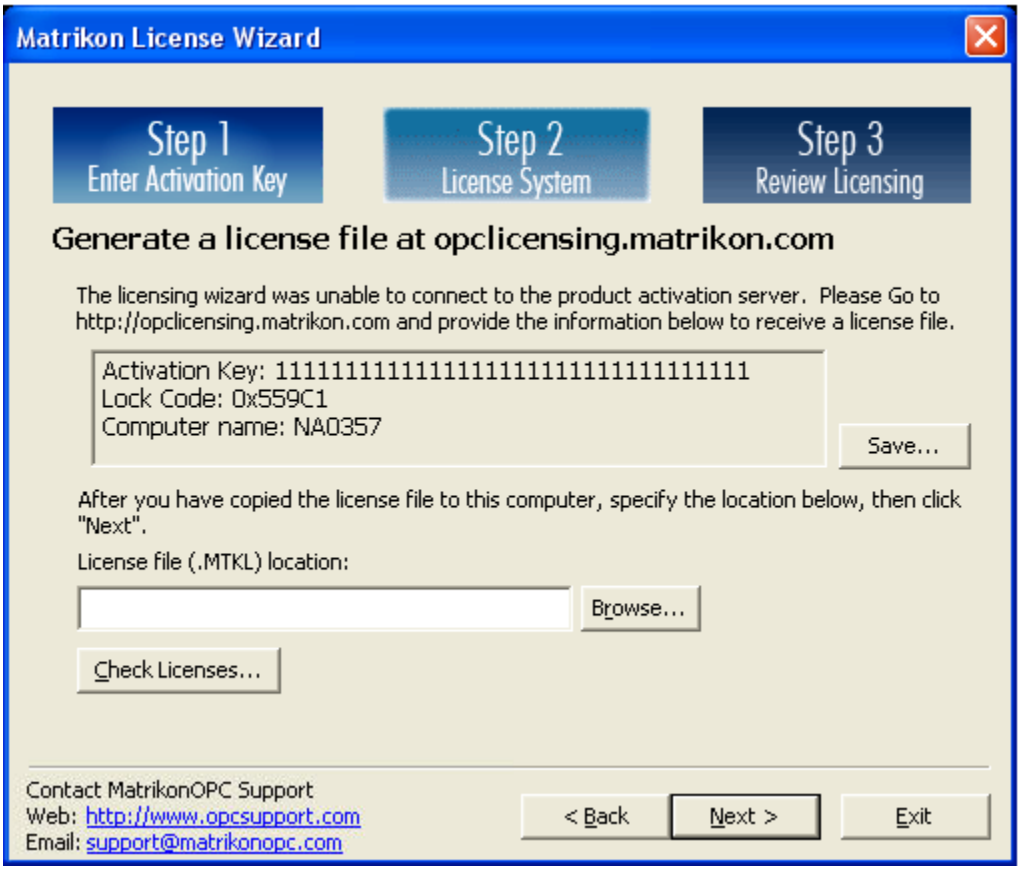


Figure 5 - License Wizard Step 2: License System without Internet

To license via a webpage:

1. This screen allows you to save the licensing details to a file using the **Save** button.
2. You can then transfer the saved file to a system that has Internet access.
3. Using a web browser, navigate to **http://opclicensing.matrikon.com**.
4. A licensing webpage (Figure 6) is displayed.



Figure 6 - http://opclicensing.matrikon.com

5. Complete the following fields: **Activation Key**, **Lock Code**, and **Computer Name** (for the system on which the OPC software was installed). All of this information is available in the file that was generated by the **Matrikon License Wizard**.
6. Once all the fields are entered, click on the **Request License Key** button.
7. After a short delay, a license details screen (Figure 7) appears and provides the following features:
    - The **Copy** button copies the license key code to the clipboard so that it can be pasted into another file or an email and then transferred to the system with the OPC software installed on it.
    - The **Save** button saves the license key code to a file named *license.mtkl*, which can then be transferred to the system with the OPC software installed on it.
    - The **Print** button allows you to output the license key code to a printer if you want to make a copy of the code or physically bring it to the system with the OPC software installed on it.
    - The **Activate Another License** returns you to the main licensing webpage.



Figure 7 - Webpage License Details

8. Return to the system with the OPC software installed on it and launch the **Matrikon License Wizard**.
9. The **License Wizard Step 2** screen (Figure 8) should appear once again.

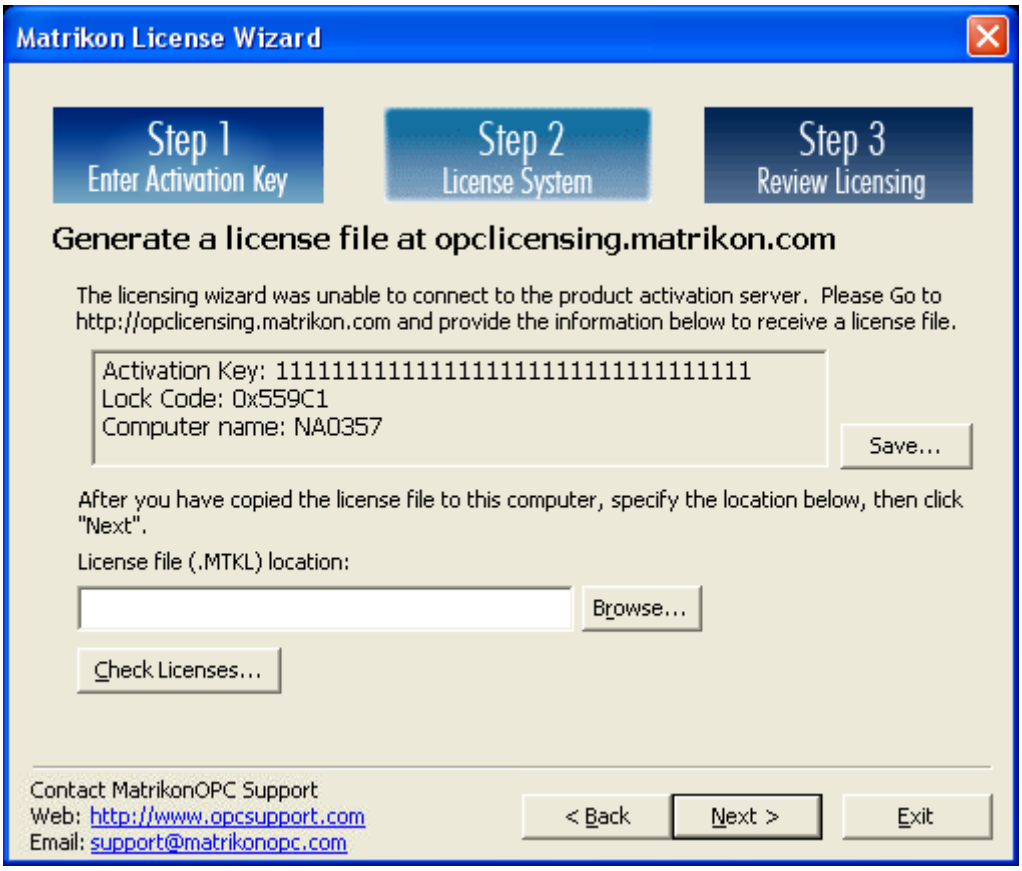


Figure 8 - License Wizard Step 2: License System without Internet

10. Using the **Browse** button, locate the license file that contains the license key code.
11. Once you have located the file, click **Next** to continue.
12. If the licensing is successful, the **Step 3: Review Licensing** screen (Figure 9) appears.

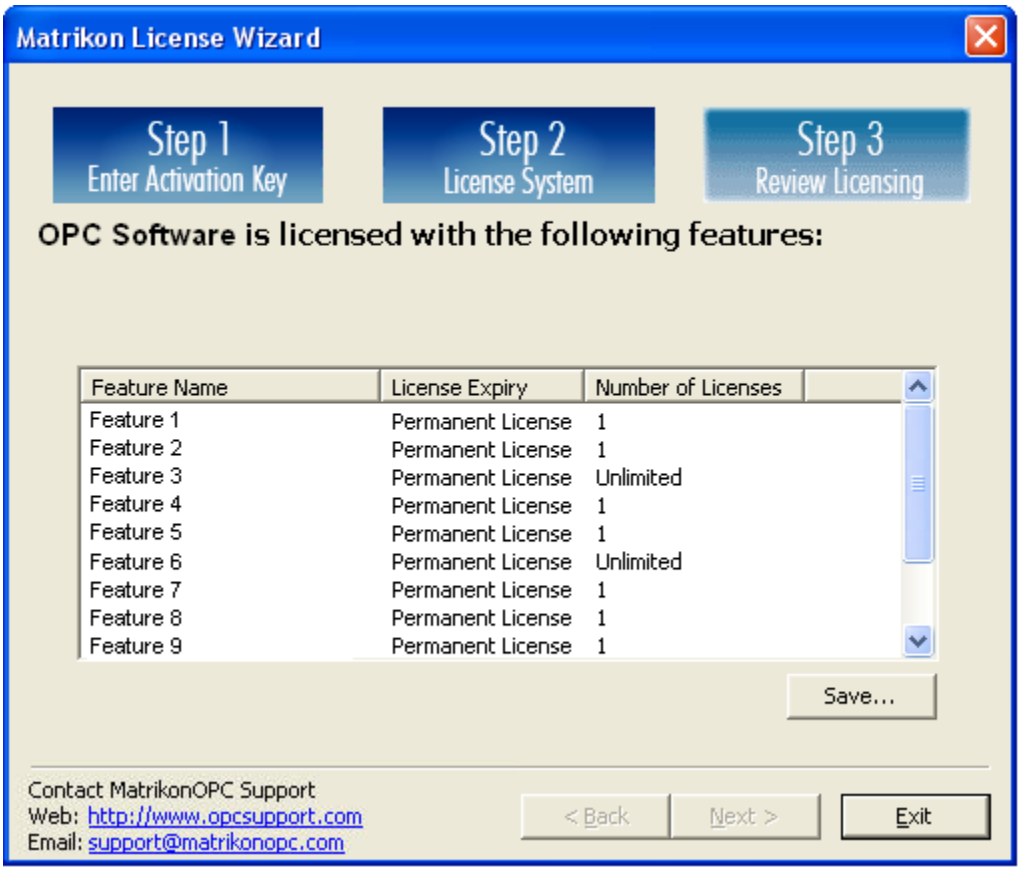


Figure 9 - License Wizard Step 3: Review Licensing

9. Review the list of features that were licensed.

   Note: You can export this list to a file by clicking on the **Save** button.

10. Click on the **Exit** button to complete the licensing and close the **License Wizard**.

Licensing Via Email

In the event that your system does not have Internet access, nor can you access a web browser, you can email the information from **Step 2** to the MatrikonOPC licensing department. A license file will then be emailed back to you.

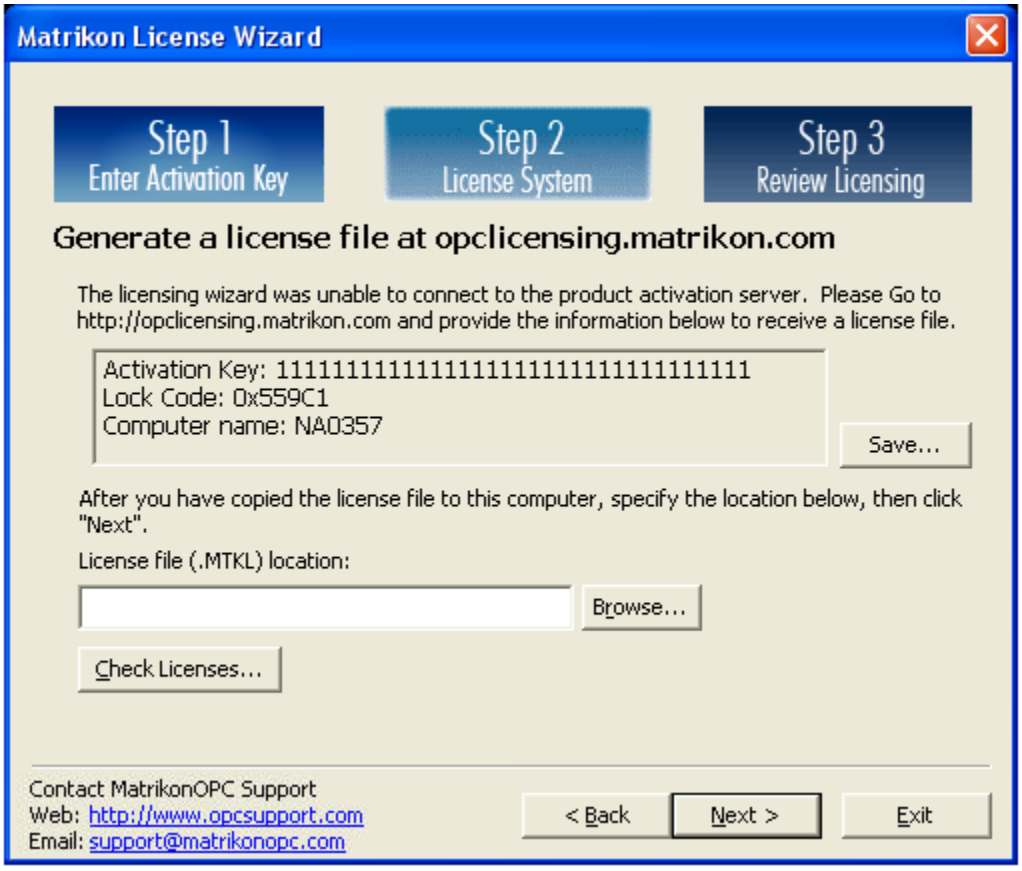


Figure 10 - License Wizard Step 2: License System without Internet

To license via email:

1. From **Step 2** (without Internet) of the **License Wizard** (Figure 10) click on the **Save** button and save the file to your system.
2. Email the saved file to **licensing@matrikonopc.com**.
3. After receiving the file, the MatrikonOPC licensing department will email back a *license.mtkl* file.
4. Save file you received from MatrikonOPC to your system.
5. Navigate to the file using the **Browse** button shown.
6. Once you have located the file, click **Next** to continue.
7. If the licensing is successful, the **Step 3: Review Licensing** screen (Figure 11) appears.

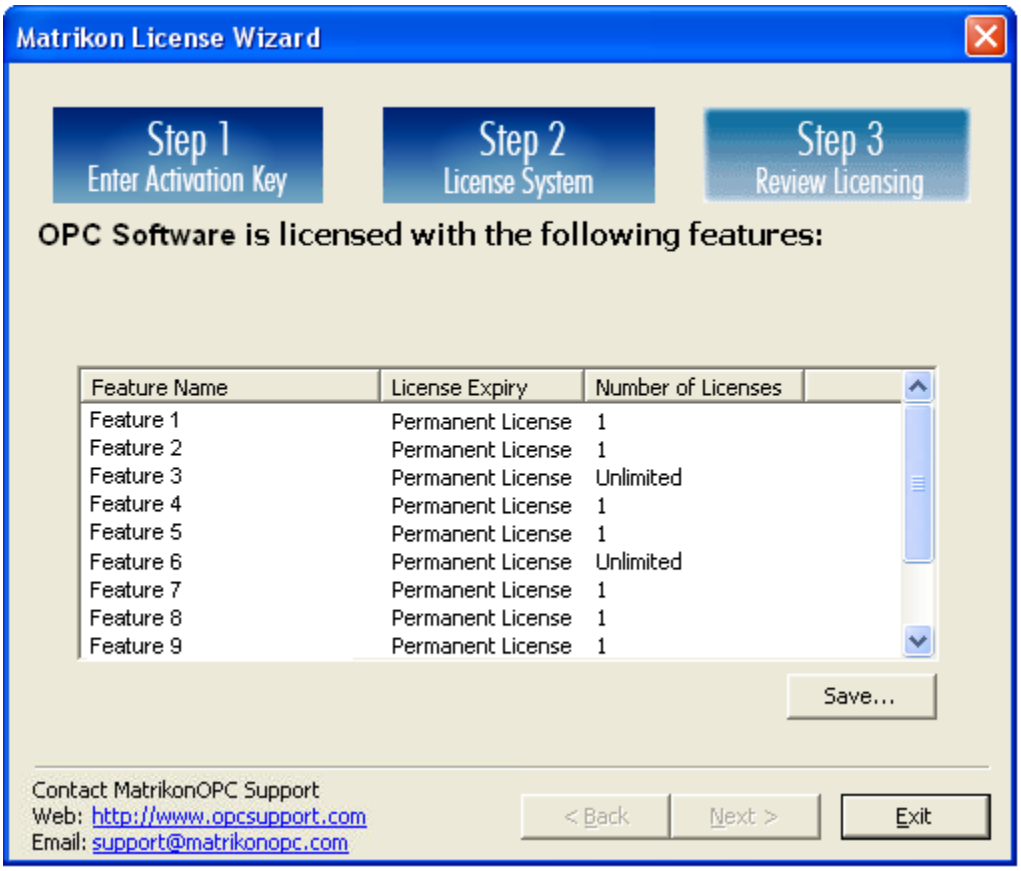


Figure 11 - License Wizard Step 3: Review Licensing

11. Review the list of features that were licensed.

    Note: You can export this list to a file by clicking on the **Save** button.

12. Click on the **Exit** button to complete the licensing and close the **License Wizard**.

License Removal

To remove a license from a system:

1. Click on the Windows **Start** button.
2. Select **Programs** -> **MatrikonOPC** -> **[Server/Product Name]** -> **License Remover**.
3. The **Confirm License Removal** window (Figure 12) appears.

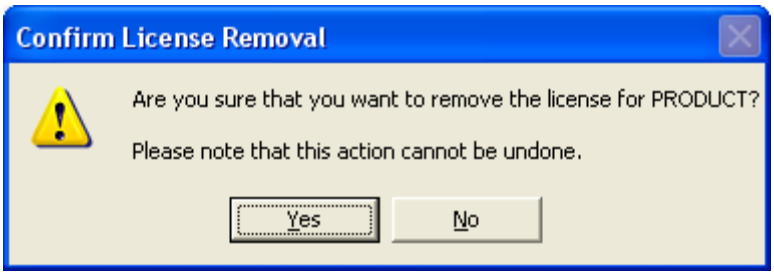


Figure 12 - Confirm License Removal Window

4. Confirm the removal by clicking on the **Yes** button, or click **No** to exit.
5. Once the license is removed, the **License Removed** window (Figure 13) appears.

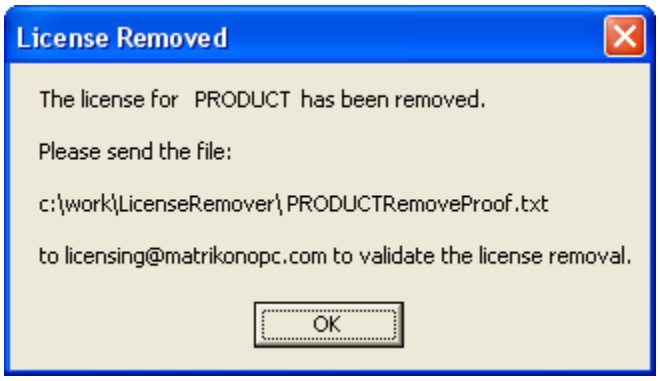


Figure 13 - License Removed Window

6. The listed file must then be emailed to **licensing@matrikonopc.com** to confirm the license removal. If successful, the activation key is incremented by one license.

Licensing FAQs

General Licensing

Question:	I have a license for MatrikonOPC software using the old license method. Will my license continue to work?
Answer:	Yes, your old licenses will still be detected by our software. In the event that we decide to discontinue the use of the old AuthorizeRequest.MTK form of licensing, we will ensure that it is made clear before you install/upgrade your software, as well as provide the steps that will need to be taken.

Question:	How can I view the status of my MatrikonOPC licenses?
Answer:	**To check the status of a MatrikonOPC software license:**

1. From the **Start** menu, select **Programs** -> **MatrikonOPC** -> **[Server/Product Name]** -> **License Wizard**.
2. The **Matrikon License Wizard** window appears.

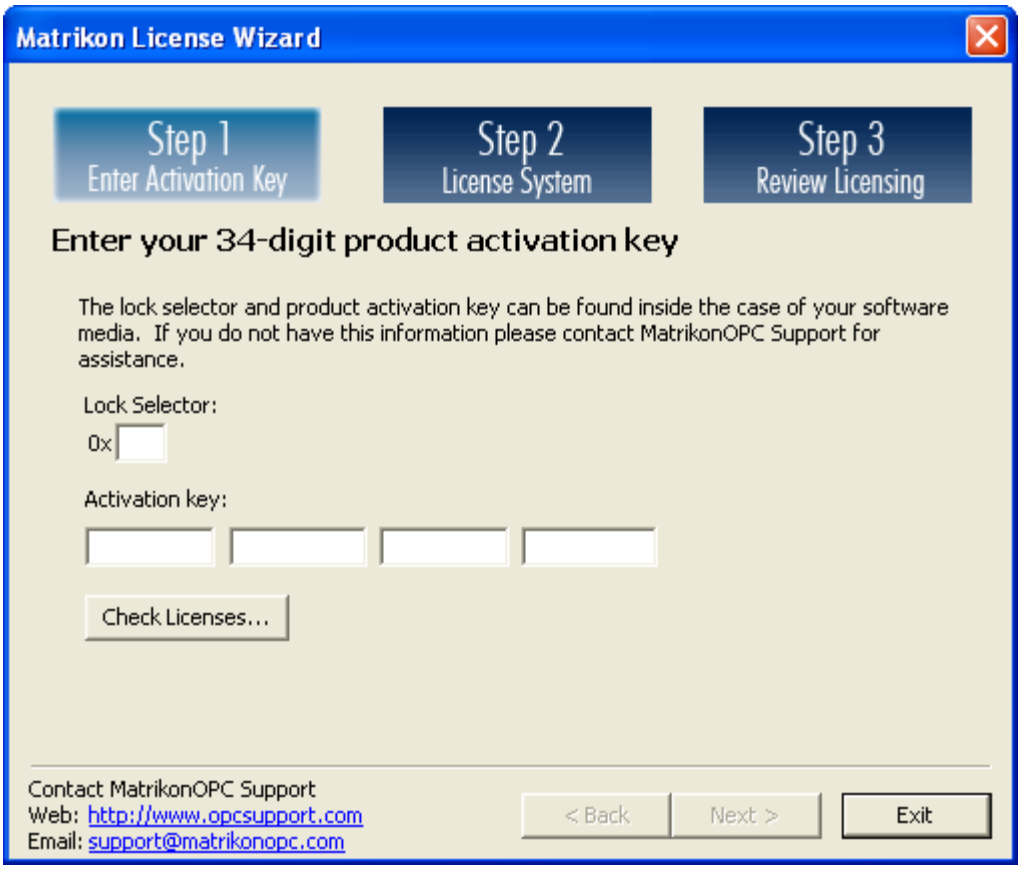


Figure 14 - Matrikon License Wizard Step 1: Enter Activation Key

3. Click on the **Check Licenses** button located under the **Activation key** fields.

4. The **License Viewer** window appears and lists all of the feature codes for your software and their corresponding license status. You can individually select and view all the Matrikon software on your PC, or select **All Matrikon Software** to view all the licenses at once.

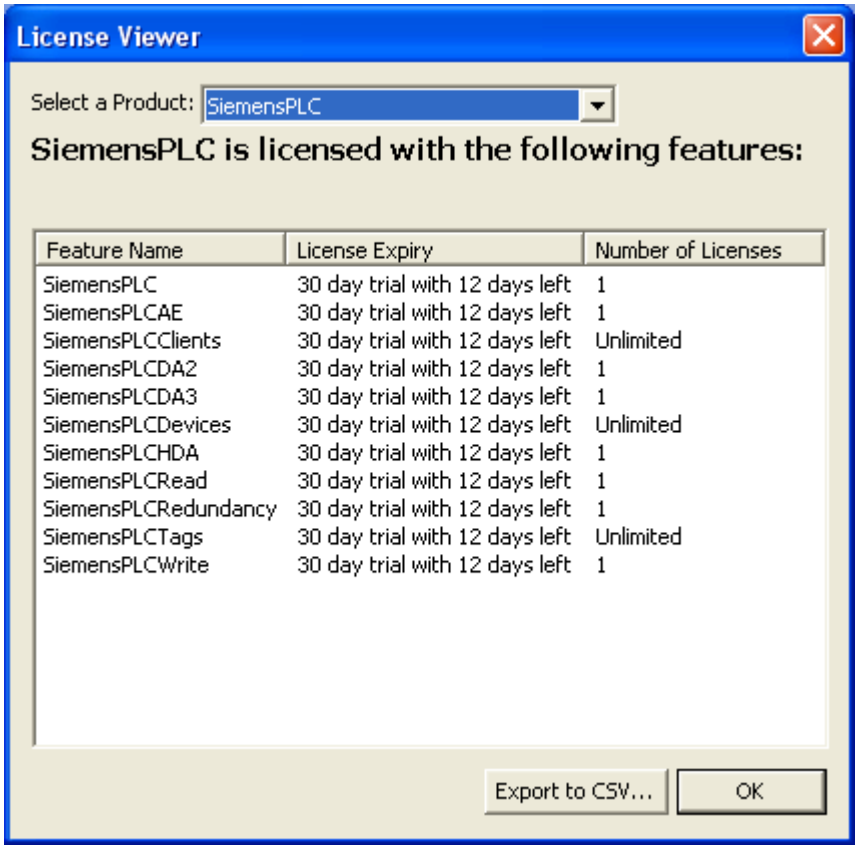


Figure 15 - License Viewer

5. Click on the **Export to CSV** button to export the license data to a comma-separated values (CSV) file.
6. Click on the **OK** button the close the **License Viewer** window and return to the **MTK Software Authorization** window.

Demo License

Question:	Can I re-install my MatrikonOPC product to obtain another 30 days?
Answer:	No. Re-installing the product will not allow another 30-day evaluation license. Contact MatrikonOPC Support or your Account Manager for more information.

Question:	My license has expired. Who should I talk to about getting a new one?
Answer:	Contact your Account Manager.

Permanent License

Question:	I am trying to install my permanent license using my activation key, but for some reason, it will not complete. Why?
Answer:	There are a few possible reasons for this: 1. The activation key has already been used on another system. 2. The activation key was entered incorrectly. If you are sure that they activation key was entered correctly, contact **licensing@matrikonopc.com** and provide the activation key along with a description of the problems you are experiencing.

Question:	Where do I find the lock code?
Answer:	The lock code is only required for licensing via the webpage or via email. It can be located on the **Step 2** screen within the **Matrikon License Wizard**.

Question:	Where do I find my activation key and lock selector?
Answer:	The activation key and lock selector will have been included in either the FTP link you were sent to download the software or along with the CD that was shipped to you. In the event that you are unable to locate the activation key, please contact **licensing@matrikonopc.com** and include as much information about the purchasing details as possible so that it can be tracked down.

Question:	Why do I need to enter the PC name on the licensing webpage?
Answer:	The PC name, while not required to obtain a license, is used for tracking where your licenses are located. It allows us to verify where licenses were issued in the event of hardware failures or license audits.

Hardware License

Question:	Can I install multiple keys on the same parallel port? Will the system recognize multiple USB keys?
Answer:	No. Each parallel hardware key needs to be on its own port. You cannot “daisy-chain” them together. If you do, only the first key (i.e., the one attached directly to the computer) will be recognized. Also, only one USB key connected to the system will be recognized. Refer to **Hardware Keys** in this document for more information.

Search the MatrikonOPC Support Knowledge Base at **www.opcsupport.com** to find the answers to other commonly-asked Licensing questions.

Contacting MatrikonOPC

The MatrikonOPC Customer Services department (**www.opcsupport.com**) is available 24 hours a day, seven days a week.

Contact MatrikonOPC Support using the information below, or send an email (**support@MatrikonOPC.com**).

For Monday to Friday **daytime support** requests, contact MatrikonOPC Support using the regional phone numbers provided in Table 2.

Region	Office Hours	Contact Information
North America UTC/GMT -7 hours (MST)	8:00 am-5:00 pm	**+1-877-OPC-4-ALL**
Europe / Africa * UTC/GMT +1 hours (CET)	9:00 am-5:00 pm	**+49-221-969-77-0** **(Request OPC Support)**
Middle East * UTC/GMT +3 hours	9:00 am-5:00 pm	**+973-174-65363**
Australia / Asia * UTC/GMT +10 hours (AEST)	9:00 am-5:00 pm	**+61-2-4908-2198** **(Request OPC Support)**

* Toll-free regional numbers coming soon!

Table 2 - MatrikonOPC Support Regional Contact Information

For **after-hours support** in all regions, please use either of the following numbers. There is no extra charge from MatrikonOPC for calling their after-hours support numbers.

Region	Contact Information
All	+1-780-231-9480 +1-780-264-6714

Table 3 - After-Hours Support