Elektrobit

Product licensing user's guide

for EB Assist ADTF 3.0

version 1.0.0

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1. Overview

Welcome to the licensing administration documentation. This document describes the steps which are required to activate a license with a FlexNet Operations On Cloud (FNOC) activation code.

1.1. Quick start notice

For EB Assist ADTF 3 users and developers: please check chapter chapter 2, “Single user or evaluation licenses“ on how to install the client license administration tool and how to enter your activation code. Activating a floating license for a client is described in section 3.4, “Using floating licenses on a client machine”.

For license server administrators: please see the chapter chapter 4, “License server configuration“ on how to set up both the server itself and how to activate the server license (see chapter 3, “Floating licenses“).

Chapters chapter 5, “Using the EB licensing portal“ and chapter 6, “License background information“ refer to further information on managing the license (e.g. activation code).

2. Single user or evaluation licenses

NOTE

Known issue

If you start EB Assist ADTF 3 without a license (e.g. no activation code) registered, a small window may pop up. This can either be a window telling about setting up a license or an error message regarding a missing `DLL` file. Both types of these popups can be savely ignored. In case of the Configuration Editor, the window can popup mulitple times even if the license is registered in the mean time (due to background activity of the Plugin Description Generator, which depends on the number of EB Assist ADTF 3 plugins available).

For now the EB Client License Admin tool needs to be installed separately. This will be resolved in future versions.

2.1. Activating single user or evaluation licenses

Single user and evaluation licenses are provided via FlexNet Operations On Cloud activation codes. You can find the activation codes either in the **order notification email**, see also section 6.3.1, “Reading the order notification email”, or in **Order History** of the EB licensing portal.

Activating single user or evaluation licenses

Prerequisite:

- The EB Client License Administrator tool can be found in your EB Assist ADTF 3 installation directory. For information on how to install the EB Client License Administrator tool, see section 2.1.1, “Installing the EB Client License Administrator tool”.

Step 1
Obtain your activation code from the EB licensing customer portal or from the order notification email. For more information, see section 6.3.1, “Reading the order notification email”.

Step 2
Activate your license with the EB Client License Administrator Tool.

For online activation, see section 2.1.2, “Activating a single user or evaluation license online”.

For offline activation, see section 2.1.3, “Activating a single user or evaluation license offline”.

Step 3
Start the application.

2.1.1. Installing the EB Client License Administrator tool

Installing the EB Client License Administrator tool

Prerequisite:

- Install EB Assist ADTF 3 (can be downloaded from https://command.elektrobit.com).

Step 1
The tool `EB_Client_License_Administrator_Setup.exe` can be found either via Start Menu link or via ADTF_DIR/bin/extern.

Step 2
Run `EB_Client_License_Administrator_Setup.exe`.

Step 3
Select the destination folder where the tool shall be installed (can be selected independently of @adtf3; installation directory).

Step 4
Optionally create a **Start** menu entry.

Step 5
Optionally create a desktop shortcut.

Step 6
Select the default option **Use License Activation Codes** (file based licenses are not supported; for floating license, please see section 3.4, “Using floating licenses on a client machine”).

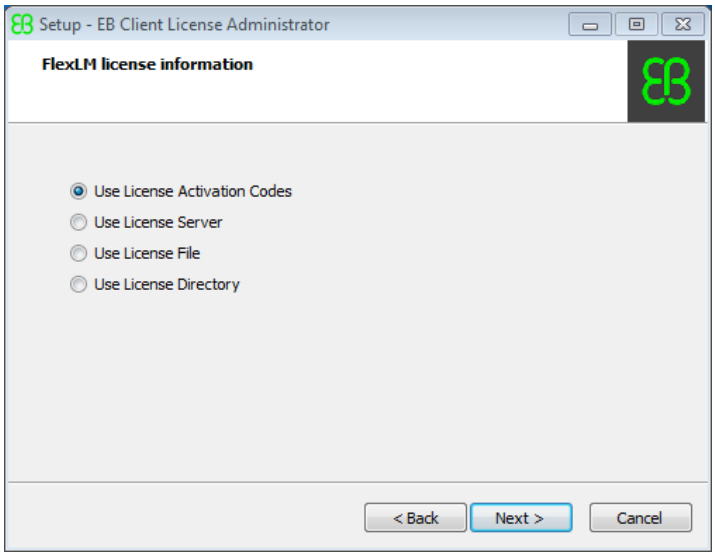


Figure 2.1. Use activation codes (please note that file based licenses are not supported)

Step 7
Click **Install** to begin the installation.

2.1.2. Activating a single user or evaluation license online

Activating a single user or evaluation license online

Step 1
Run the EB Client License Administrator tool from the **Start** menu or click the desktop shortcut.

Step 2
Enter an activation code in the **Activation Code** text box.

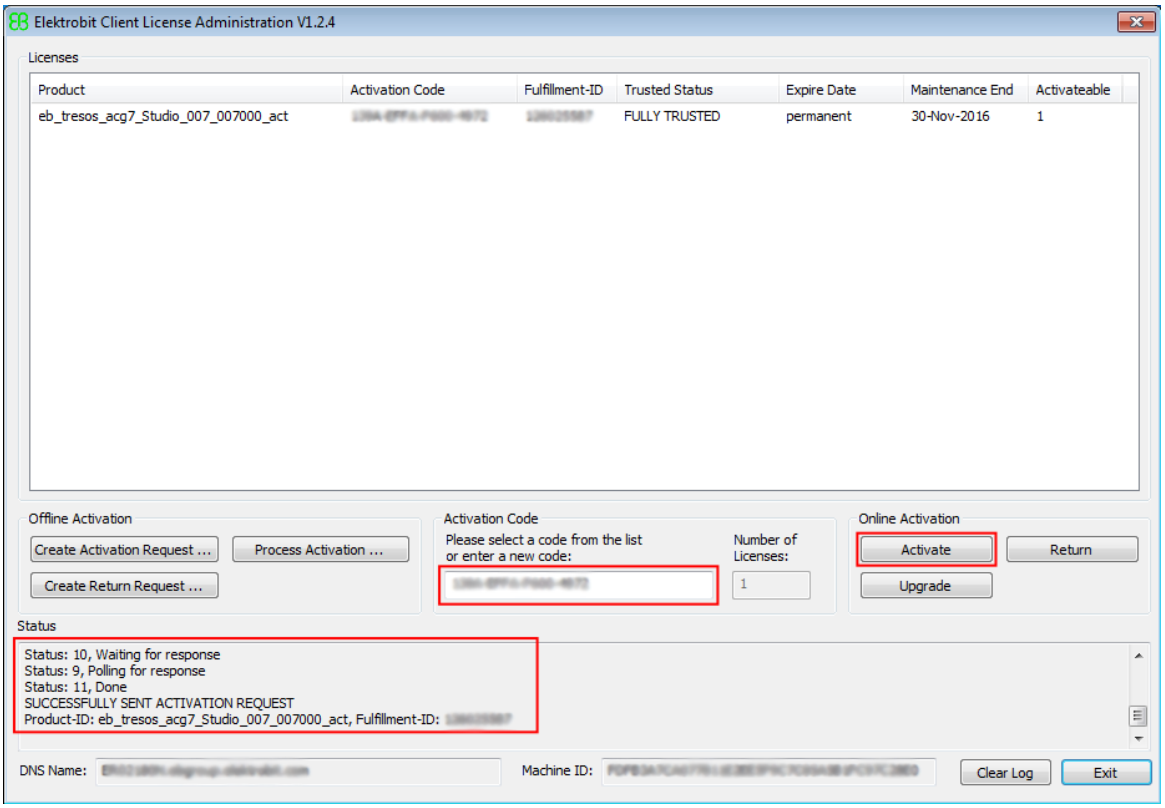


Figure 2.2. Online client license activation

Step 3
Click **Activate**.

Step 4
Verify the license activation in the **Status** section.

Step 5
Your license is ready to use.

2.1.3. Activating a single user or evaluation license offline

Activating a single user or evaluation license offline

Step 1
Run the EB Client License Administrator tool from the **Start** menu or click the desktop shortcut.

Step 2
Enter an activation code in the **Activation Code** text box.

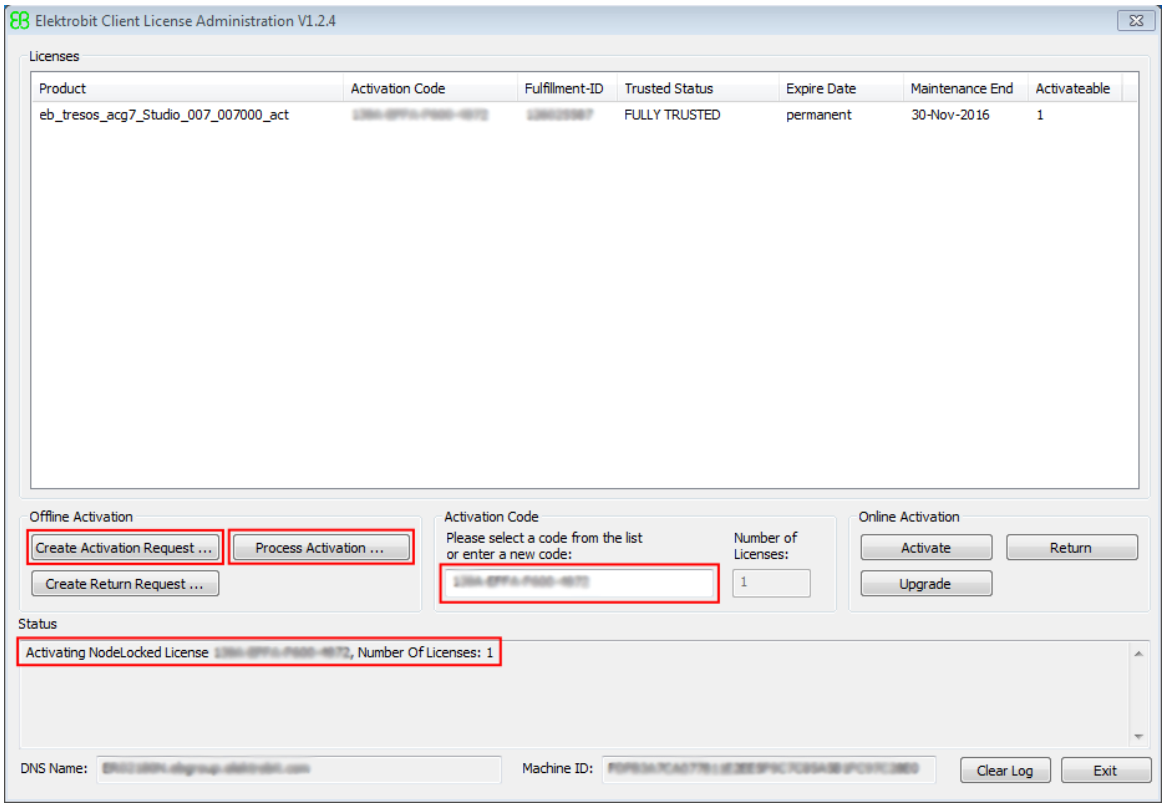


Figure 2.3. Offline client license activation

Step 3
Click **Create Activation Request ...**.

Step 4
Save the activation request file and move it to a machine with internet access.

Step 5
On the machine with internet access, log in to the EB licensing portal.

Step 6
Browse to **Offline License Handling**.

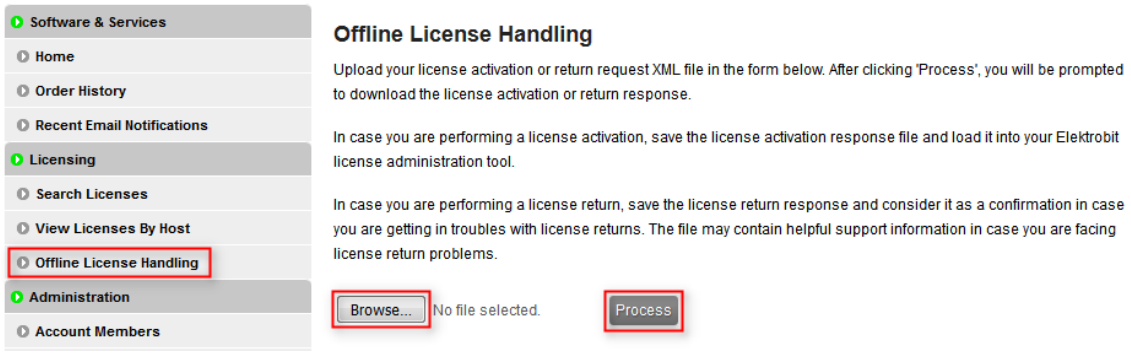


Figure 2.4. Processing the activation request file

Step 7
Click **Browse...** to load your previously created activation request file.

Step 8
Click **Process** to process your offline license activation request and save the activation response file.

Step 9
Move the activation response file to your client machine where you created the activation request.

Step 10
On your client machine, click **Process Activation ...** to load and process the activation response file.

Step 11
Verify the license activation in the **Status** section.

Step 12
Your license is ready to use.

2.2. Returning a single user or evaluation license

2.2.1. Returning a single user or evaluation license online

Returning a single user or evaluation license online

Step 1
Run the EB Client License Administrator tool from the **Start** menu or click the desktop shortcut.

Step 2
Select the line that shows the license you want to return.

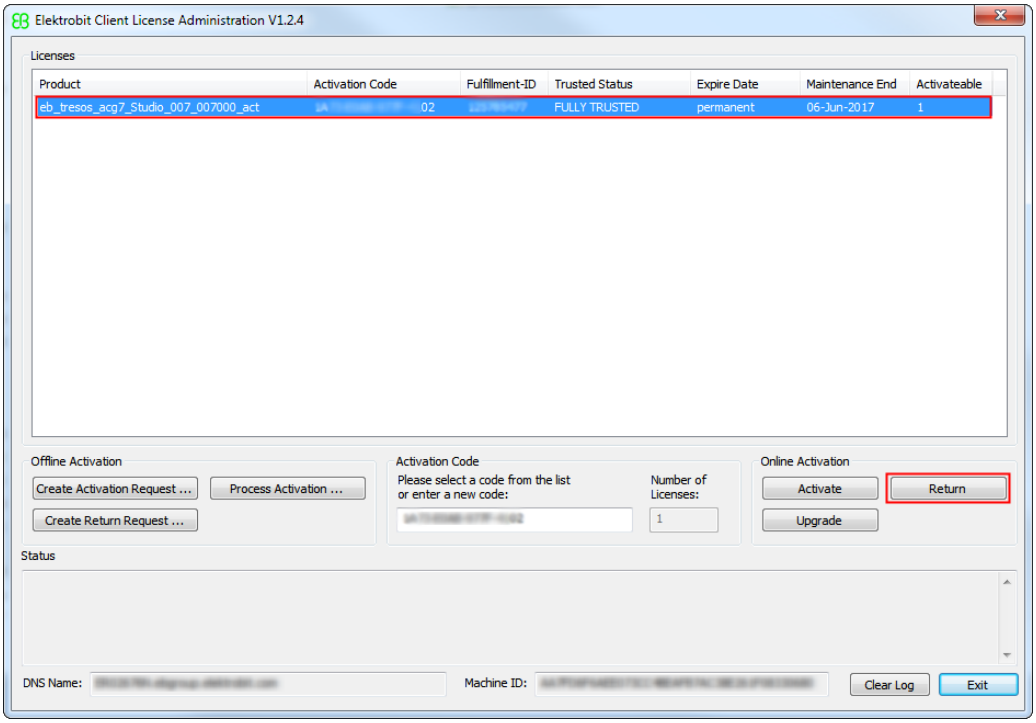


Figure 2.5. Online client license return

Step 3
Click **Return**.

Step 4
Your license is successfully returned and its seat is available again for new license activation.

2.2.2. Returning a single user or evaluation license offline

Returning a single user or evaluation license offline

Step 1
Run the EB Client License Administrator tool from the **Start** menu or click the desktop shortcut.

Step 2
Select the line that shows the license you want to return.

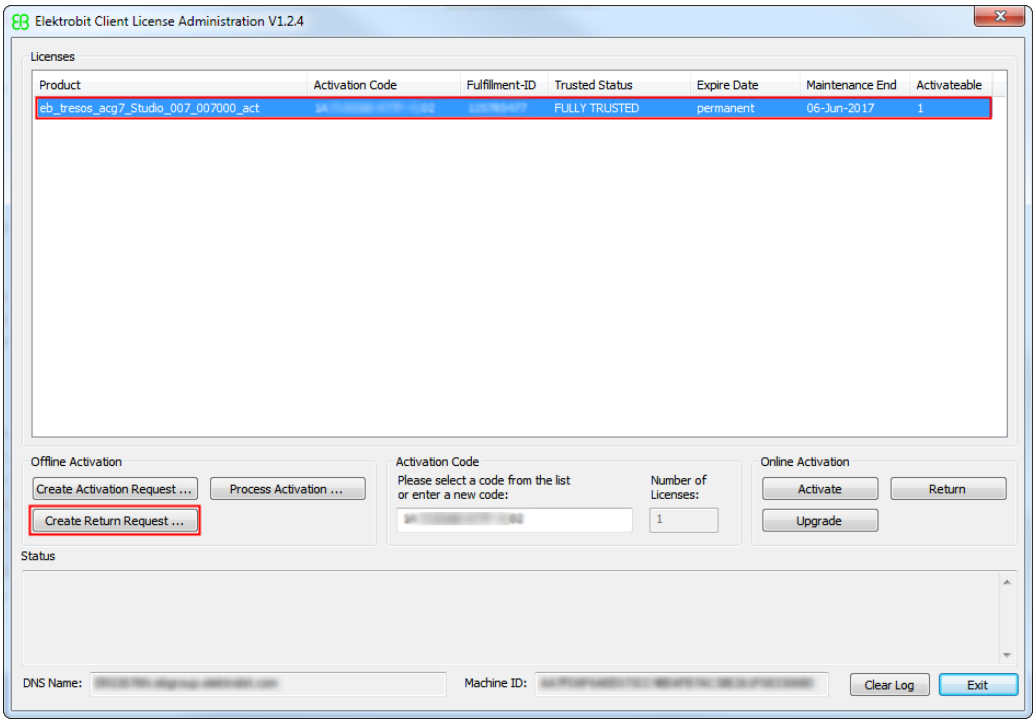


Figure 2.6. Offline client license return

Step 3
Click **Create Return Request ...**.

Step 4
Save the return request file and move it to a machine with internet access.

Step 5
On the machine with internet access, log in to the EB licensing portal.

Step 6
Browse to **Offline License Handling**.

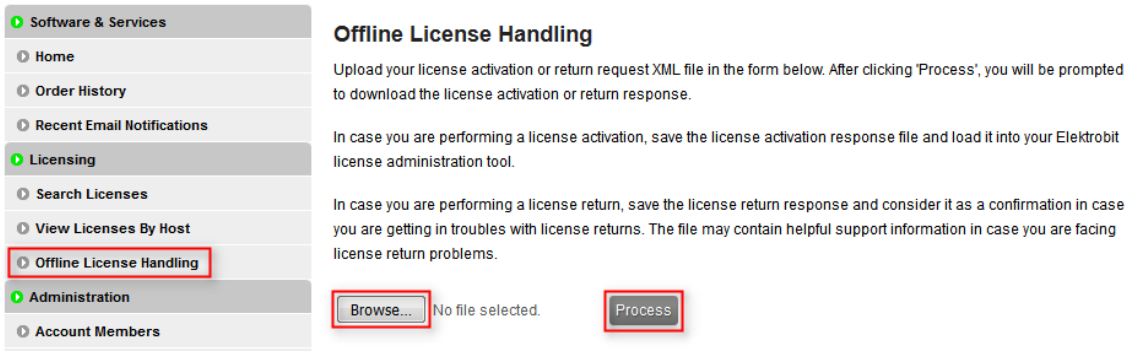


Figure 2.7. Processing the return request file

Step 7
Click **Browse...** to load your previously created return request file.

Step 8
Click **Process** to process your offline license return request file.

Step 9
Save the generated license return response file.

NOTE

License return response file

The license return response file contains the license return confirmation. It is not needed further on.

Step 10
Your license is successfully returned and its seat is available again for new license activation.

2.3. Upgrading a single user or evaluation license

If you have purchased a subscription renewal of your single user license or your evaluation period was extended, then you can upgrade your license so that the new maintenance end date is applied to your current license.

2.3.1. Upgrading a single user or evaluation license online

Upgrading a single user or evaluation license online

Step 1
Run the EB Client License Administrator tool from the **Start** menu or click the desktop shortcut.

Step 2
Select the line that shows the license you want to upgrade.

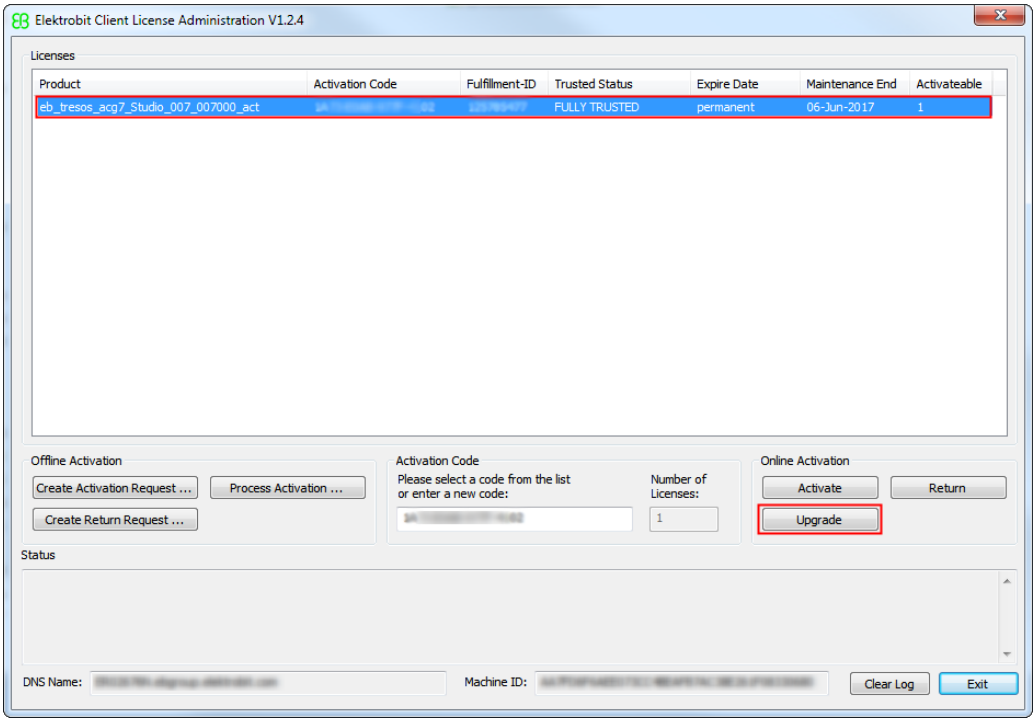


Figure 2.8. Online client license upgrade

Step 3
Click **Upgrade**.

Step 4
Your license is successfully upgraded.

2.3.2. Upgrading a single user or evaluation license offline

Upgrading a single user license offline is a two step operation

Step 1
Return your license offline.

For offline return, see section 2.2.2, “Returning a single user or evaluation license offline”

Step 2
Activate your license offline.

For offline activation, see section 2.1.3, “Activating a single user or evaluation license offline”

3. Floating licenses

3.1. Activating floating licenses

Floating licenses are provided via FlexNet Operations On Cloud activation codes. Floating licenses are served by a floating license server within the customers network infrastructure. You can find the activation codes either in the **order notification email** (see also section 6.3.1, “Reading the order notification email”) or in **Order History** of the EB licensing portal.

Activating floating licenses on a server machine

Prerequisite:

- A lmadmin license server is set up and configured. For more information, see chapter 4, “License server configuration“.

Step 1
Obtain your activation code from the EB licensing customer portal or from the order notification email. For more information, see chapter 5, “Using the EB licensing portal“.

Step 2
Activate your license with the EB Server License Administrator Tool.

For online activation, see section 3.1.2, “Activating a floating license online”.

For offline activation, see section 3.1.3, “Activating a floating license offline”.

3.1.1. Installing the EB Server License Administrator tool

Installing the EB Server License Administrator tool

Prerequisite:

- Download the `EB_Server_License_Administrator_Setup.exe` tool from EB Command:
  - https://command.elektrobit.com

Step 1
Run `EB_Server_License_Administrator_Setup.exe`.

Step 2
Select the destination folder.

Step 3
Optionally create a **Start** menu entry.

Step 4
Optionally create a desktop shortcut.

Step 5
The installation of the EB Server License Administrator tool is complete.

3.1.2. Activating a floating license online

Activating a floating license online

Step 1
Run the EB Server License Administrator tool from the **Start** menu or click the desktop shortcut.

Step 2
Enter an activation code in the **Activation Code** text box.

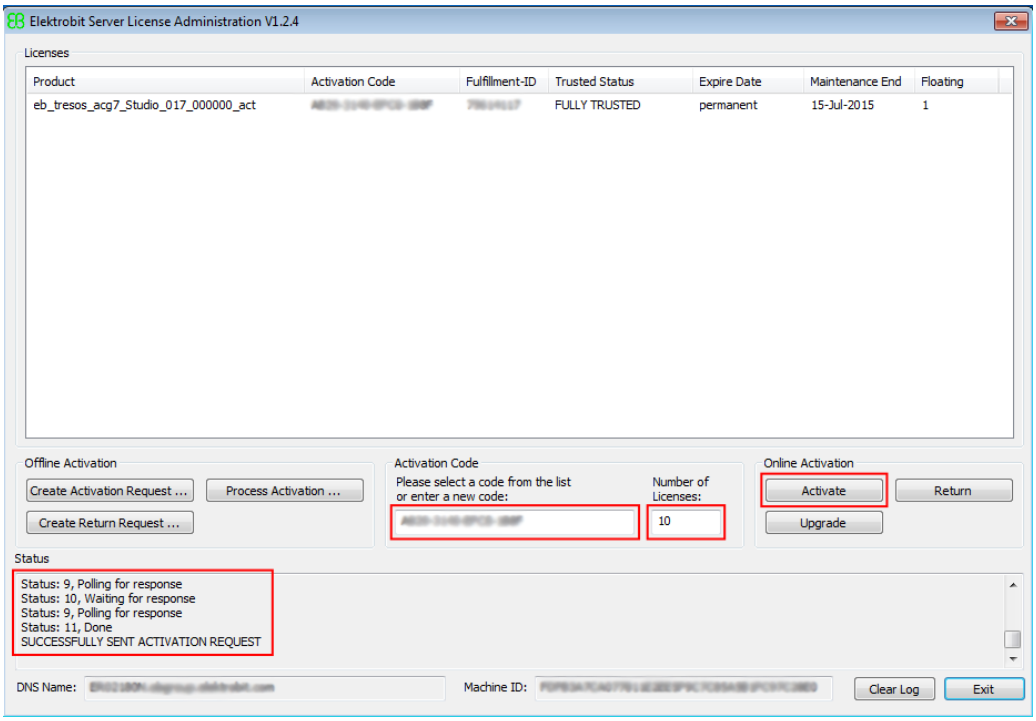


Figure 3.1. Online server license activation

Step 3
Enter the number of licenses you want to activate. You can activate all ordered licenses on one machine or you can split your licenses to several license servers.

Step 4
Click **Activate**.

Step 5
Verify the license activation in the **Status** section.

Step 6
Restart your license server or re-read the licenses with the license server front end.

Step 7
Your licenses are ready to use on your license server.

3.1.3. Activating a floating license offline

Activating a floating license offline

Step 1
Run the EB Server License Administrator tool from the **Start** menu or click the desktop shortcut.

Step 2
Enter an activation code in the **Activation Code** text box.

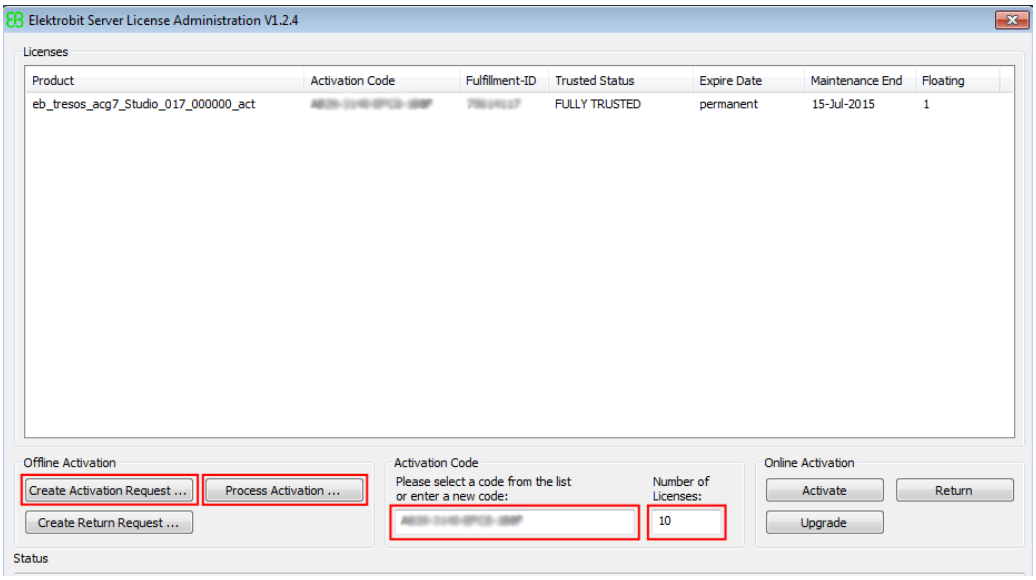


Figure 3.2. Offline server license activation

Step 3
Enter the number of licenses you want to activate. You can activate all ordered licenses on one machine or you can split your licenses to several license servers.

Step 4
Click **Create Activation Request ...**.

Step 5
Save the activation request file and move it to a machine with internet access.

Step 6
On the machine with internet access, log in to the EB licensing portal.

Step 7
Browse to **Offline License Handling**.

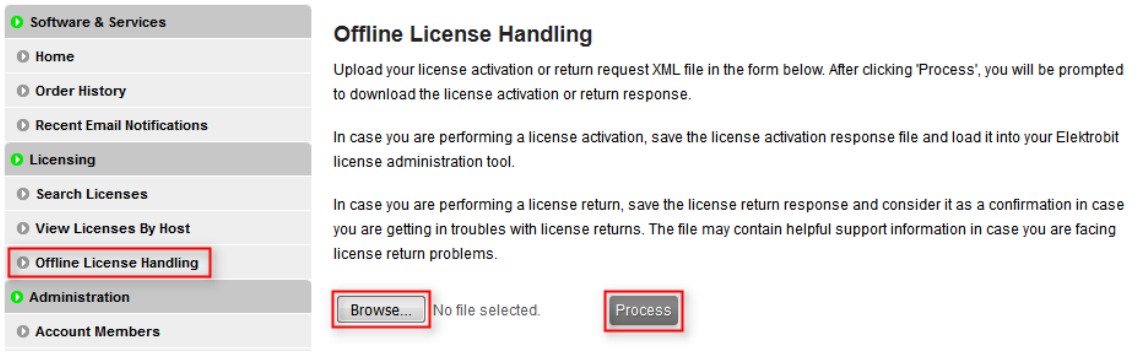


Figure 3.3. Processing the activation request file

Step 8
Click **Browse...** to load your previously created activation request file.

Step 9
Click **Process** to process your offline license activation request and save the activation response file.

Step 10
Move the activation response file to your server machine where you created the activation request.

Step 11
On your server machine, click **Process Activation ...** to load and process the activation response file.

Step 12
Verify the license activation in the **Status** section.

Step 13
Restart your license server or re-read the licenses with the license server front end.

Step 14
Your licenses are ready to use on your license server.

3.2. Returning a floating license

3.2.1. Returning a floating license online

Returning a floating license online

Step 1
Run the EB Server License Administrator tool from the **Start** menu or click the desktop shortcut.

Step 2
Select the line that shows the license you want to return.

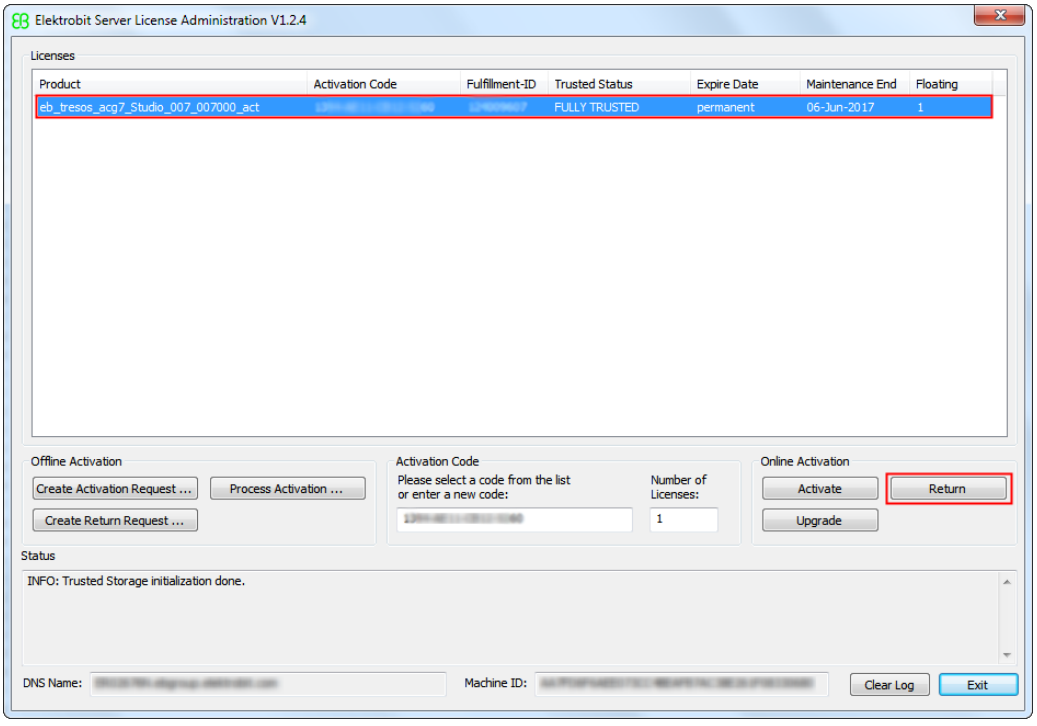


Figure 3.4. Offline server license return

Step 3
Click **Return**.

Step 4
Your license is successfully returned and the related seats are available again for new license activation.

3.2.2. Returning a floating license offline

Returning a floating license offline

Step 1
Run the EB Server License Administrator tool from the **Start** menu or click the desktop shortcut.

Step 2
Select the line that shows the license you want to return.

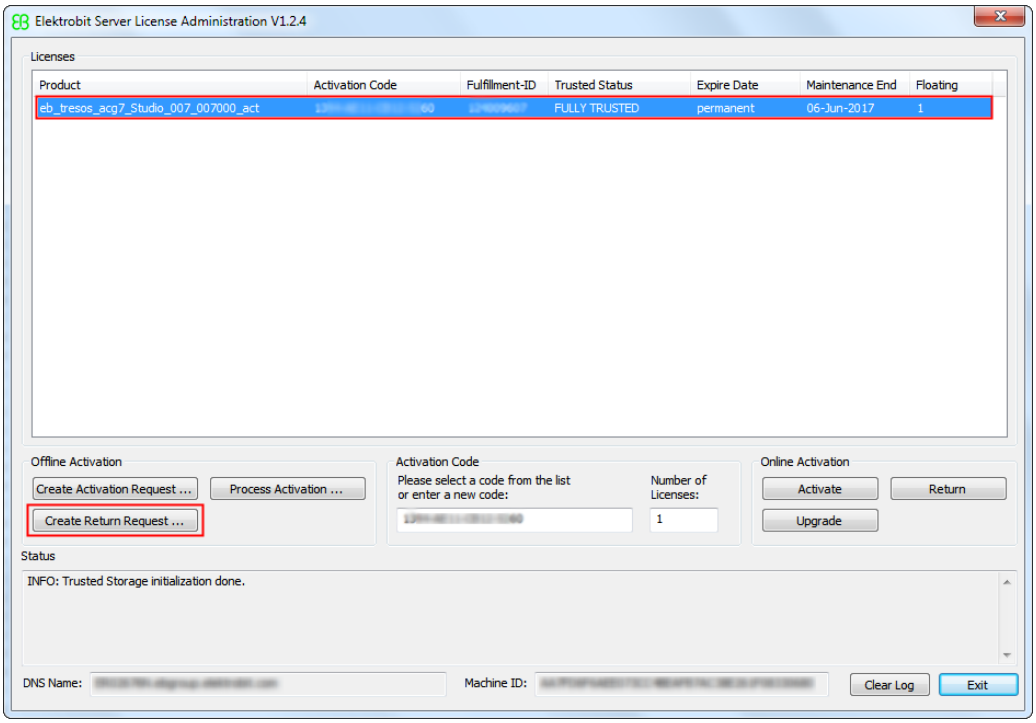


Figure 3.5. Offline server license return

Step 3
Click **Create Return Request ...**.

Step 4
Save the return request file and move it to a machine with internet access.

Step 5
On the machine with internet access, log in to the EB licensing portal.

Step 6
Browse to **Offline License Handling**.

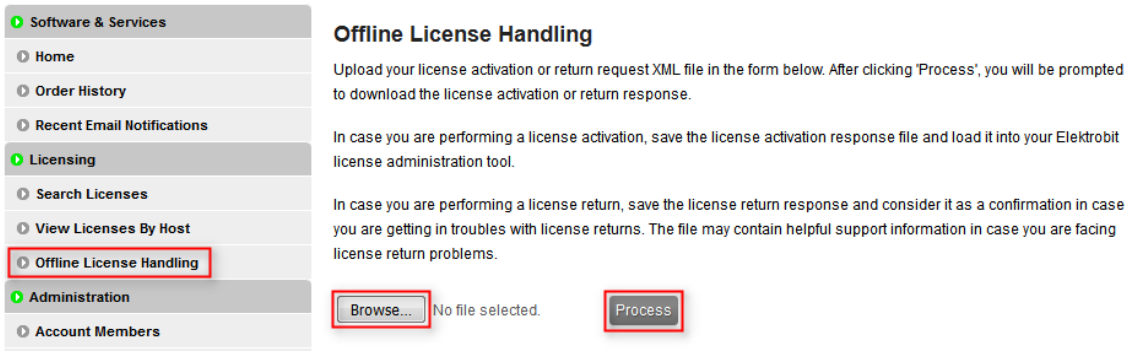


Figure 3.6. Processing the return request file

Step 7
Click **Browse...** to load your previously created return request file.

Step 8
Click **Process** to process your offline license return request file.

Step 9
Save the generated license return response file.

NOTE

The license return response file

The license return response file contains the license return confirmation. It is not needed further on.

Step 10
Your license is successfully returned and the related seats are available again for new license activation.

3.3. Upgrading a floating license

If you have purchased a subscription renewal of your floating license or your evaluation period was extended then you can upgrade your license so that the new maintenance end date is applied to your current license.

3.3.1. Upgrading floating license online

Upgrading a floating license online

Step 1
Run the EB Server License Administrator tool from the **Start** menu or click the desktop shortcut.

Step 2
Select the line that shows the license you want to upgrade.

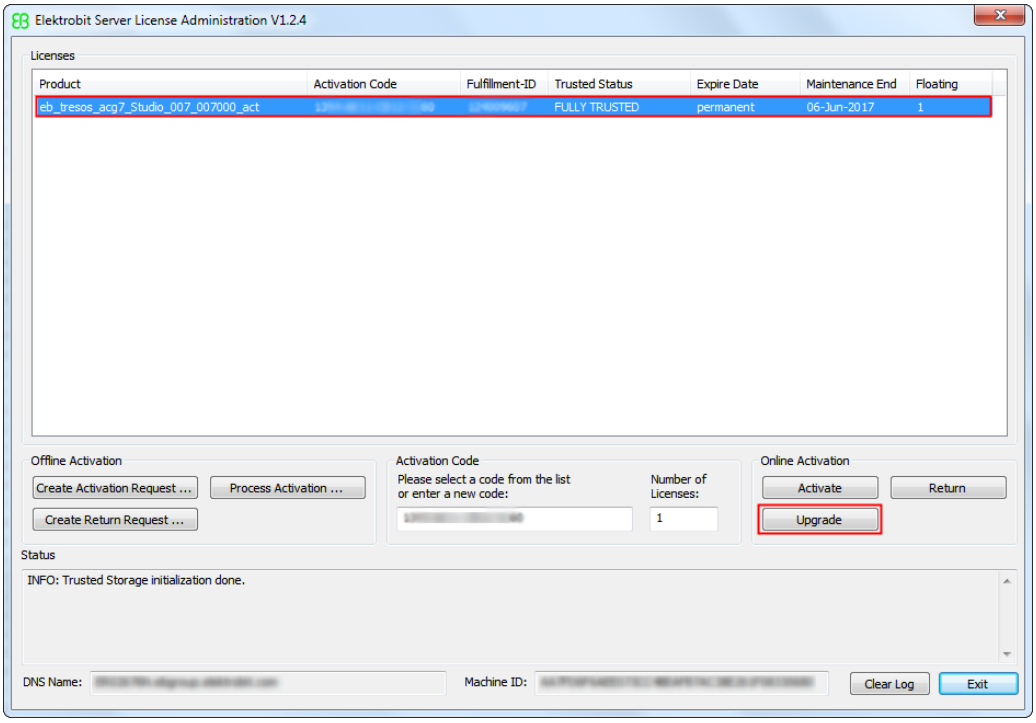


Figure 3.7. Online floating license upgrade

Step 3
Click **Upgrade**.

Step 4
Your license has been successfully upgraded.

3.3.2. Upgrading a floating license offline

Upgrading a floating license offline is a two step operation

Step 1
Return your floating license offline.

For offline return, see section 3.2.2, “Returning a floating license offline”

Step 2
Activate your floating license offline.

For offline activation, see section 3.1.3, “Activating a floating license offline”

3.4. Using floating licenses on a client machine

3.4.1. Manual setup

If you use floating licenses on your PC, installing the EB Client License Administrator tool is optional. You can configure the environment variable `EB_LICENSE_FILE` manually with the following values:

- License server for floating licenses: `EB_LICENSE_FILE=<port>@<your_server_name>`

NOTE

Obtain server name and port number
Contact your license server administrator to obtain the server name and port number used by the FlexNet license server of your company.

NOTE

Combined options
You can combine different options. The license search order depends on the order of the entries provided in the `EB_LICENSE_FILE` environment variable. The entries must be separated by semicolon.

Example: `EB_LICENSE_FILE=27000@licsvr1.company.com;27000@licsvr2.company.com`

WARNING

Usage of the generic LM_LICENSE_FILE environment variable
Do not use the generic LM_LICENSE_FILE environment variable to configure the EB license search order without having a reasonable requirement since using the generic environment variable may lead to conflicts with other software vendors.

4. License server configuration

4.1. Overview

This chapter is aimed for network administrators and server administrators. It provides information on how to use and configure a FlexNet lmadmin license server.

The following components are mandatory to configure a FlexNet license server:

- The FlexNet lmadmin license server package is installed as service on the server machine and listens on the lmadmin default port number `8090`. For more information on the FlexNet lmadmin license server, see the FlexNet Publisher License Administration Guide.
- The EB Server License Administrator tool is installed in the default directory, see section 3.1.1, “Installing the EB Server License Administrator tool”.
- Floating licenses are activated on the server machine, see section 3.1.2, “Activating a floating license online” and section 3.1.3, “Activating a floating license offline”.
- The `EB_FLOATING_SERVER.lic` license file which is available on EB Command was downloaded and copied to `C:\EB\EB_Server_License_Administrator\licenses`.
- After installing the EB Server License Administrator tool, the EB vendor daemon executable file is located in `<installfolder>\<platform>\EB.exe`.

  Example: `C:\EB\EB_Server_License_Administrator\x64\EB.exe`

4.2. Background information

4.2.1. EB vendor daemon

- The EB vendor daemon is only available for Microsoft Windows operating systems.
- The EB vendor daemon is available as 32-bit and 64-bit version. Depending on your operating system, install either the 32-bit or the 64-bit lmadmin license server and use the suitable EB vendor daemon.

4.3. Transferring floating licenses from lmgrd to lmadmin

If you have older licenes from lmgrd, follow the instructions to transfer the licenses to lmadmin.

Transferring floating licenses from lmgrd to lmadmin

Step 1
Shutdown the lmgrd service.

Step 2
Copy all licenses from your previous license file to the `EB_FLOATING_SERVER.lic`.

Your older licenses are now managed by the lmadmin server.

4.4. Logging in to the license server

Logging in to the license server

Prerequisite:

- The lmadmin license server package is installed.
- The *EB Server License Administrator* tool is installed, see section 3.1.1, “Installing the EB Server License Administrator tool”.
- Floating licenses are activated on the server machine, see section 3.1.2, “Activating a floating license online” and section 3.1.3, “Activating a floating license offline”.
- `EB_FLOATING_SERVER.lic` license file is copied to `C:\EB\EB_Server_License_Administrator\licenses`.

Step 1
In your favorite browser, browse to `localhost:8090`.

Step 2
Click the **Administration** button to browse to the administration page.

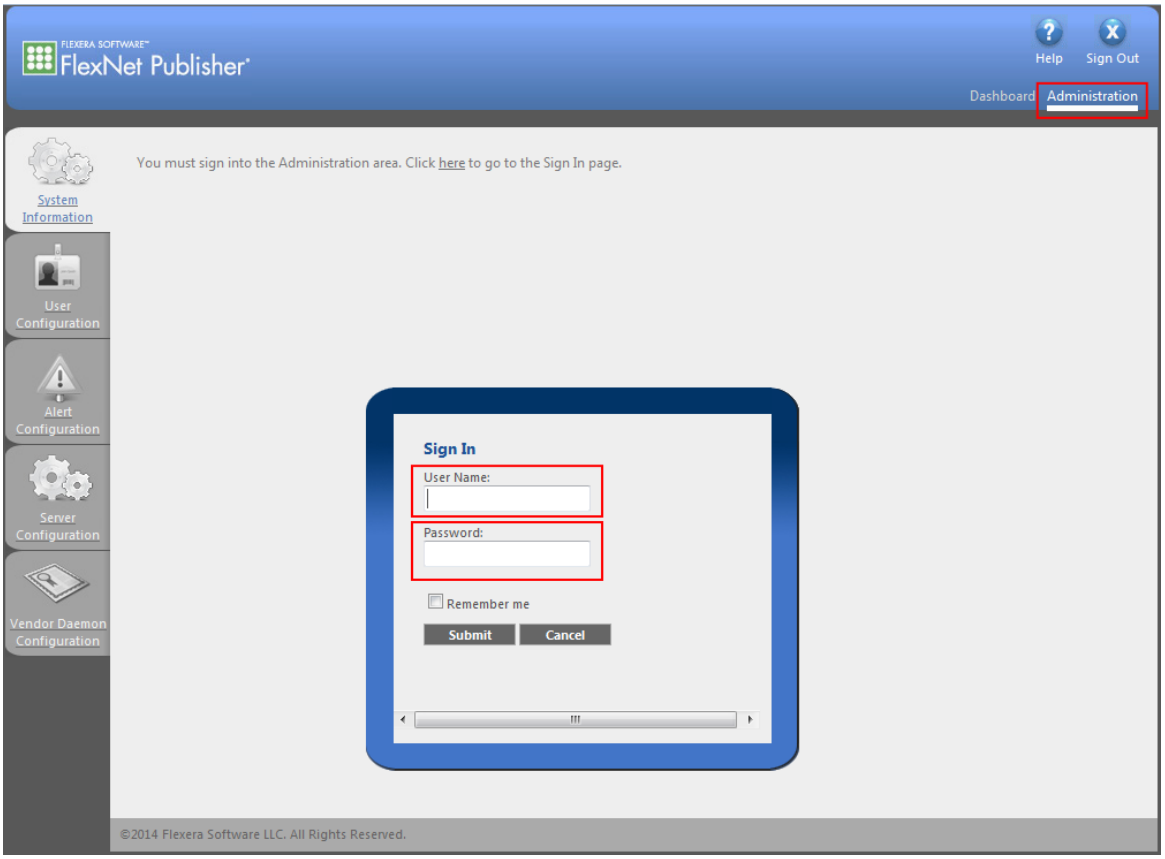


Figure 4.1. lmadmin login

Step 3
Log in to the server as user `admin`.

Step 4
The default password for the admin user is `admin`.

NOTE **Password change**

Upon your first login to the administration page you are prompted to change the default password.

4.5. Importing a license file

Importing a license file

Step 1
Click **Vendor Daemon Configuration** to browse to the **Vendor Daemons** page.

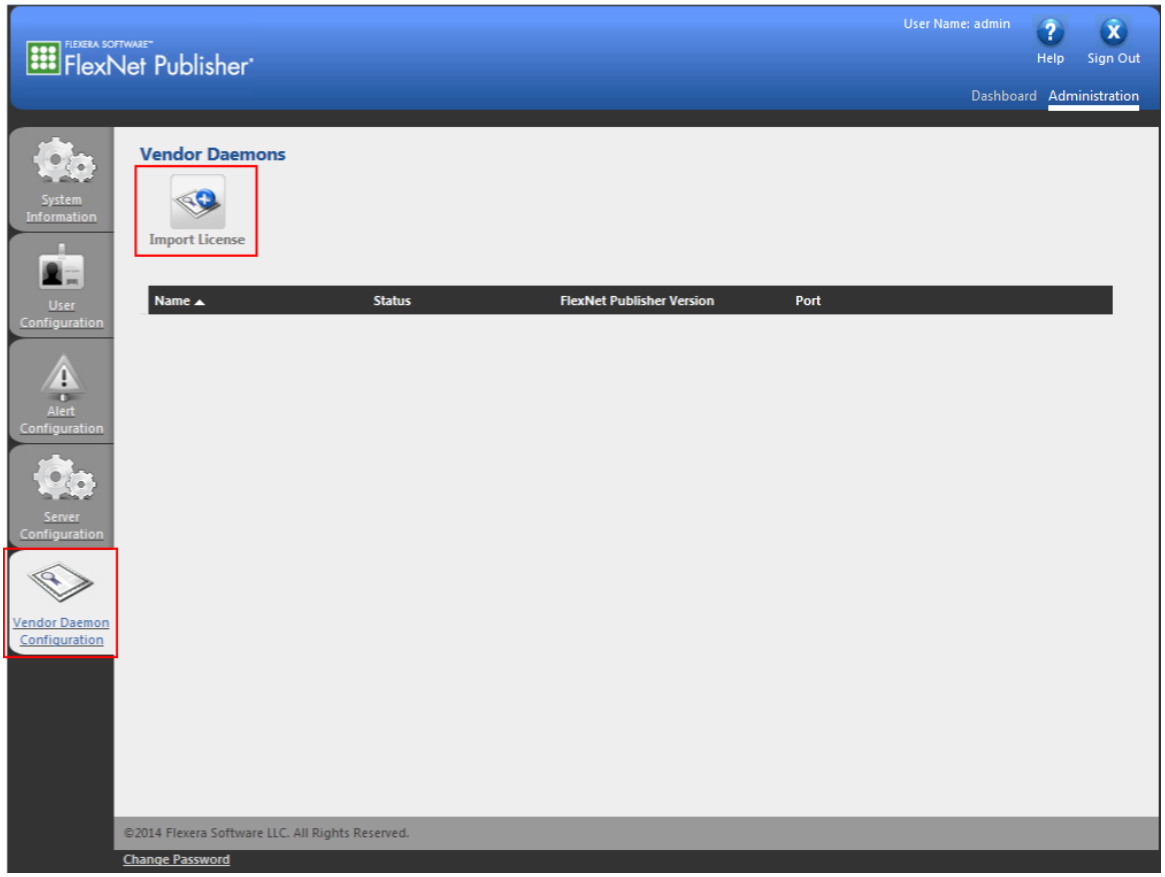


Figure 4.2. The **Vendor Daemons** page

Step 2

Click **Import License**.

Step 3

Click **Browse** and select the `EB_FLOATING_SERVER.lic` license file which you have downloaded from the EB Command portal. The default location is `C:\EB\EB_Server_License_Administrator\licenses`.

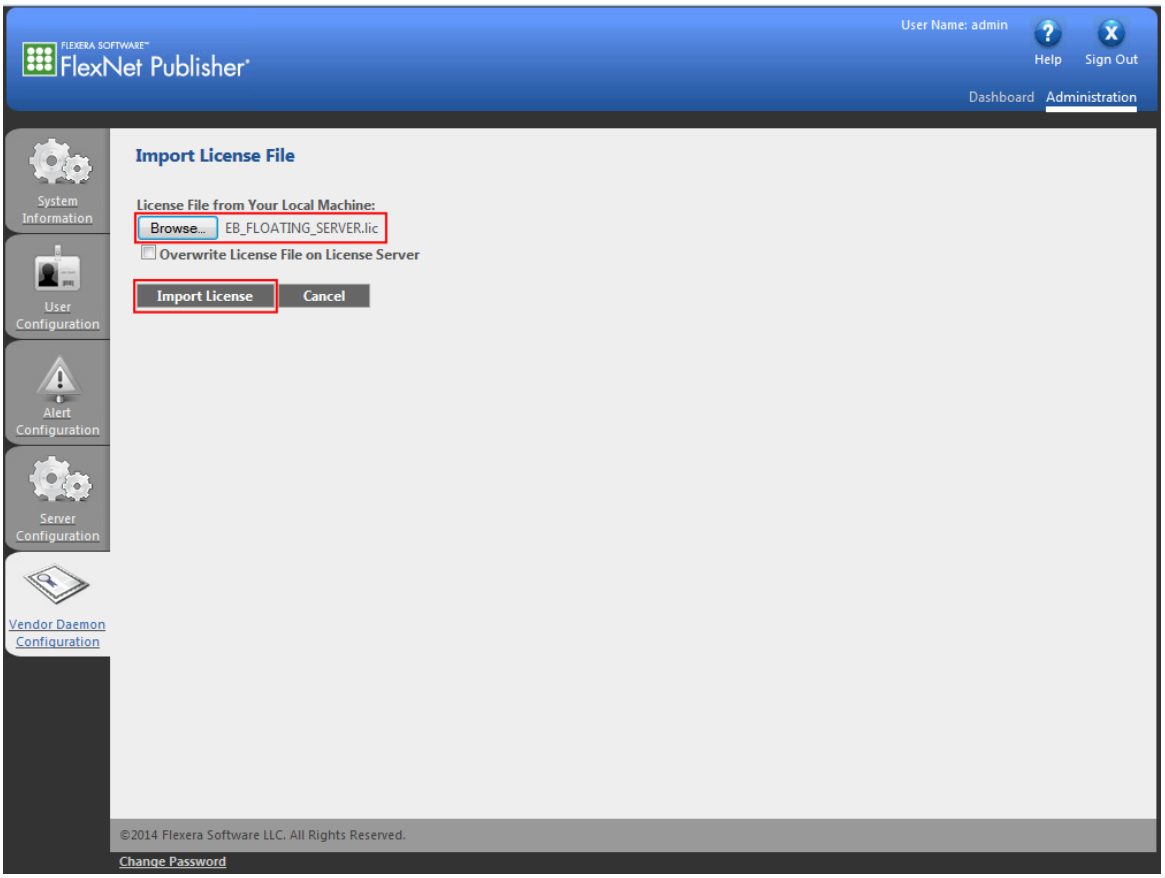


Figure 4.3. Importing a license file

Step 4
Click **Import License** to import the selected license file.

NOTE

Overwrite license file

If you import the license file for the first time, do not select the **Overwrite License File on License Server** option. Otherwise, select the check box.

4.6. Verifying the license file import

Verifying the license file import

Step 1
Check that the license file import was successful in the **Import Information** section.

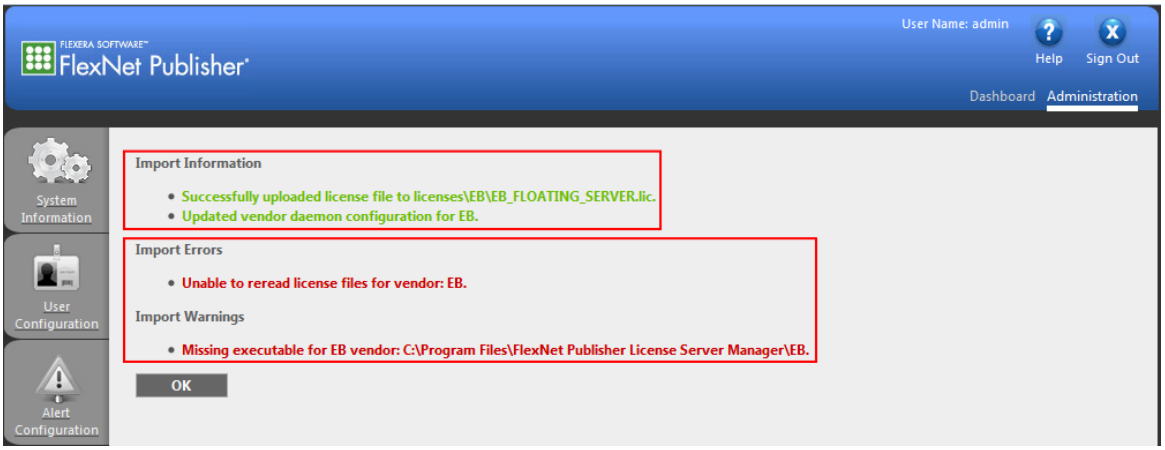


Figure 4.4. License file import information

Step 2

If the path to the EB vendor daemon is not yet configured, ignore the vendor daemon error messages in the **Import Errors** and **Import Warnings**. For information on configuring the EB vendor daemon, see section 4.7, “Configuring the EB vendor daemon”.

Step 3

Click **OK**.

Step 4

On the **Vendor Daemons** page, point to the vendor daemon line with the **Stopped** status and click the highlighted line to browse to the EB vendor daemon configuration page.

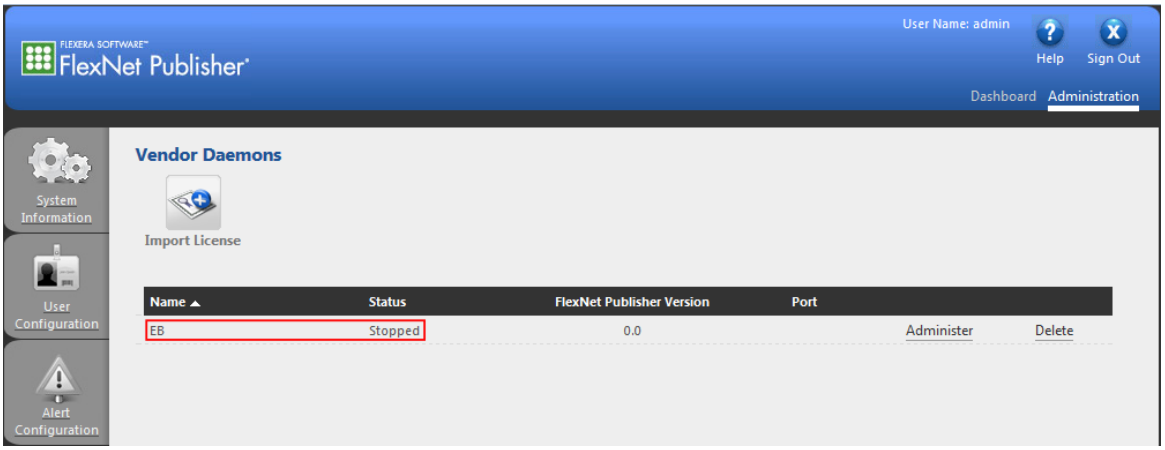


Figure 4.5. The **Vendor Daemons** page

4.7. Configuring the EB vendor daemon

Configuring the EB vendor daemon

Step 1
In the text box **Vendor Daemon Location**, enter the path to the EB vendor daemon file `EB.exe`.

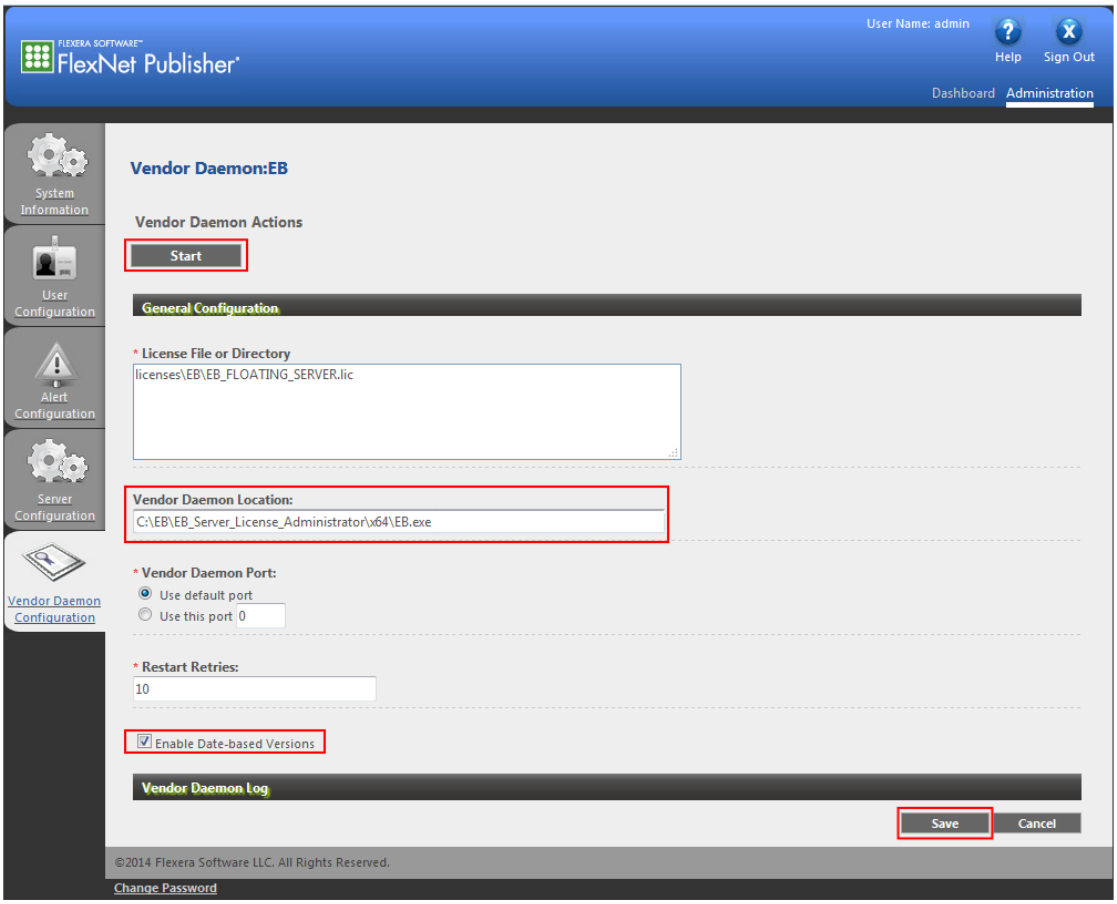


Figure 4.6. Vendor daemon configuration

NOTE

32-bit or 64-bit version of the EB vendor daemon

Choose the appropriate platform depending on your lmadmin license server version.

Step 2
Select the **Enable Date-based Versions** check box. It is very important to check this check box because the end date of the license subscription is coded into the license version.

Step 3
Click **Save** to save your EB vendor daemon configuration.

Step 4
A message indicates that the EB vendor daemon configuration was successfully updated. Click **Start** to start the EB vendor daemon.

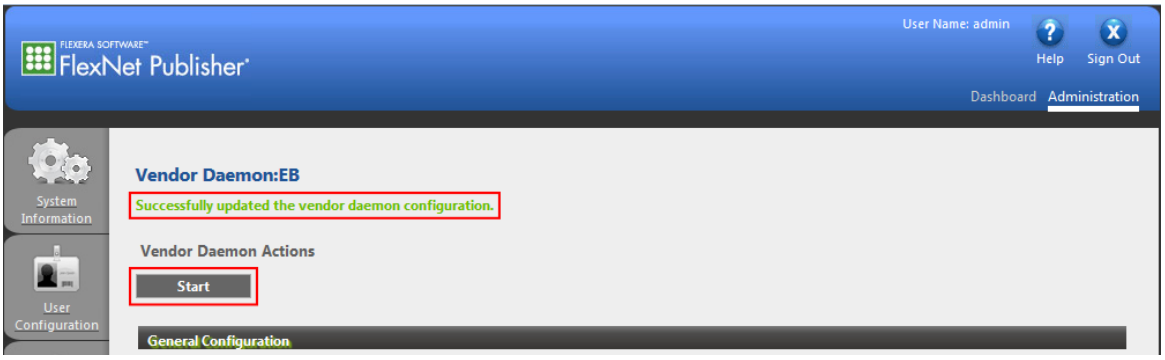


Figure 4.7. Successful EB vendor daemon configuration

4.8. Verifying the EB vendor daemon

Verifying the EB vendor daemon

Step 1
The lmadmin initiates the EB vendor daemon startup with the message **Starting vendor daemon: EB**.

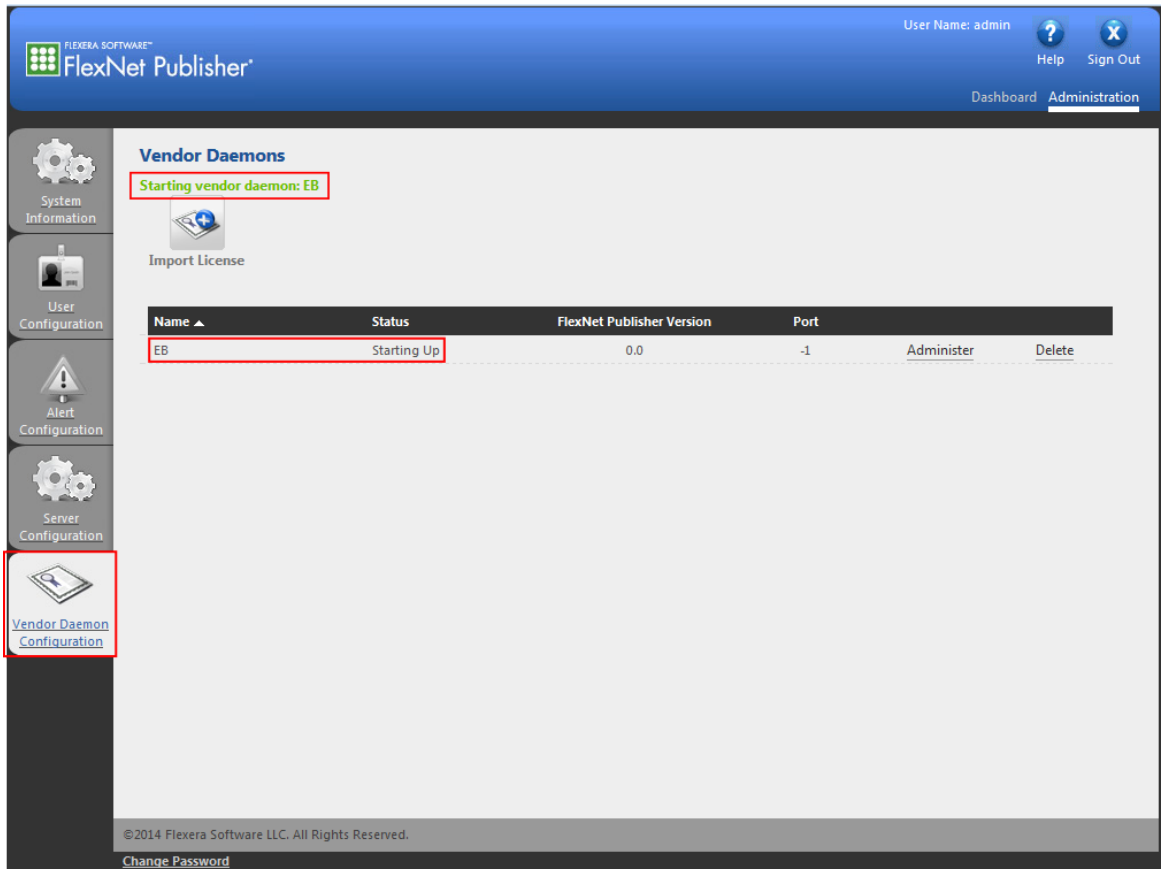


Figure 4.8. The **Vendor Daemons** page

Step 2
The status **Starting up** is shown.

Step 3
Wait a few seconds and click **Vendor Daemon Configuration** to refresh the page.

Step 4
The status **Up** indicates that the EB vendor daemon is active.

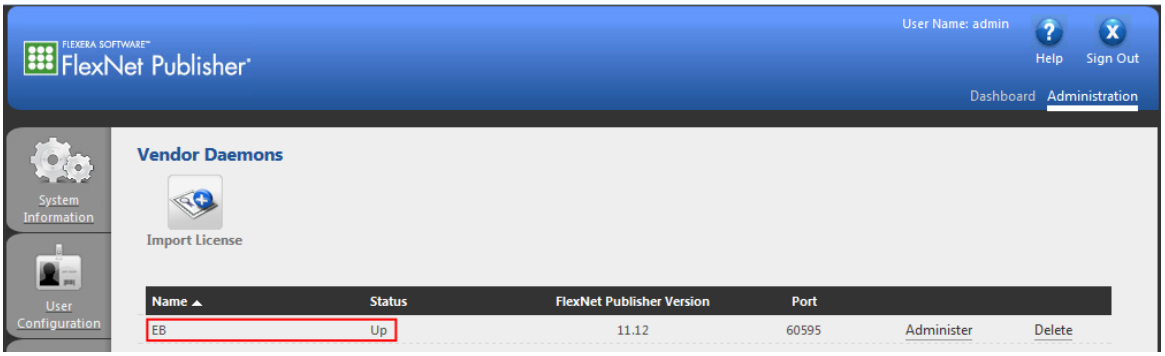


Figure 4.9. Active EB vendor daemon

4.9. Verifying your licenses

Verifying your licenses

Step 1
Click **Dashboard** to browse to the FlexNet Publisher license server dashboard.

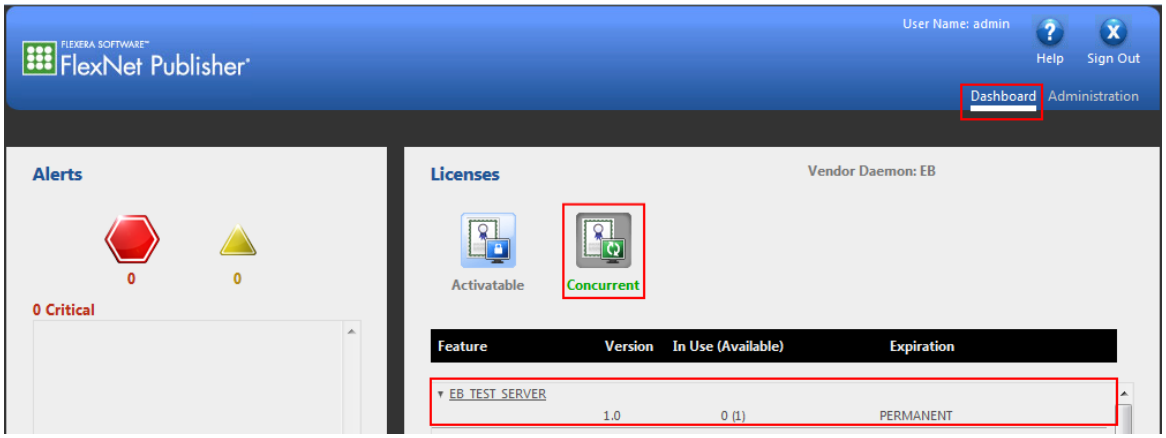


Figure 4.10. Verify licenses

Step 2
Click **Concurrent**.

Step 3
The `EB_TEST_SERVER` license feature is available.

NOTE **All activated licenses are shown**

This page shows all your activated licenses available on your server machine.

NOTE **Activating floating licenses at the license server**

For instructions on how to activate a floating license, see chapter 3, “Floating licenses“.

5. Using the EB licensing portal

5.1. Overview

Licenses of Elektrobit Automotive GmbH (EB) products are managed by an online software delivery service that helps you manage and stay current with your EB licenses.

The EB licensing portal provides you with the following features:

- Profile administration, see section 5.2, “Profile administration”
- Account administration, see section 5.3, “Account administration”
- License administration, see section 5.4, “License administration”
- Email notifications when your account or your order is updated

5.1.1. Login to the EB licensing portal

Your login credentials are provided by email. You receive a login-ID which consists of your email address and a token to set your password.

To log in, use your email address as login-ID and your customized password on the EB licensing portal:

- https://elektrobit.flexnetoperations.com

5.1.2. Password lost

If you forgot your password, use the **Password Finder** to request a new password:

- https://elektrobit.flexnetoperations.com/control/elkb/password

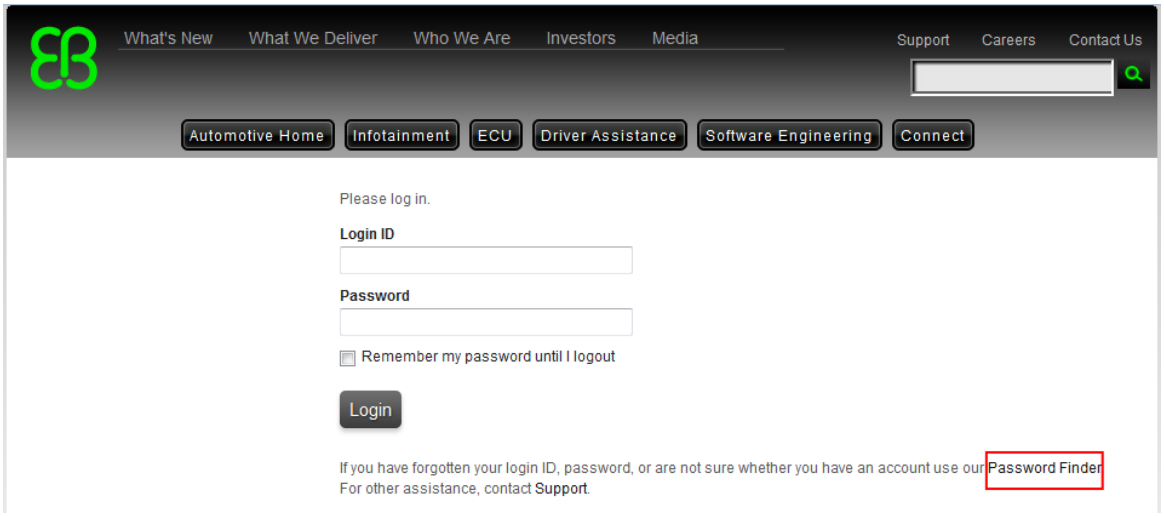


Figure 5.1. EB licensing portal login

5.2. Profile administration

On the **Your Profile** page you can perform the following actions:

- Configure your account member address.
- Configure your permissions if you have the permission *Admin Privileges*. For more information on permissions, see section 5.3.1.4, “Assigning permissions to account members”.

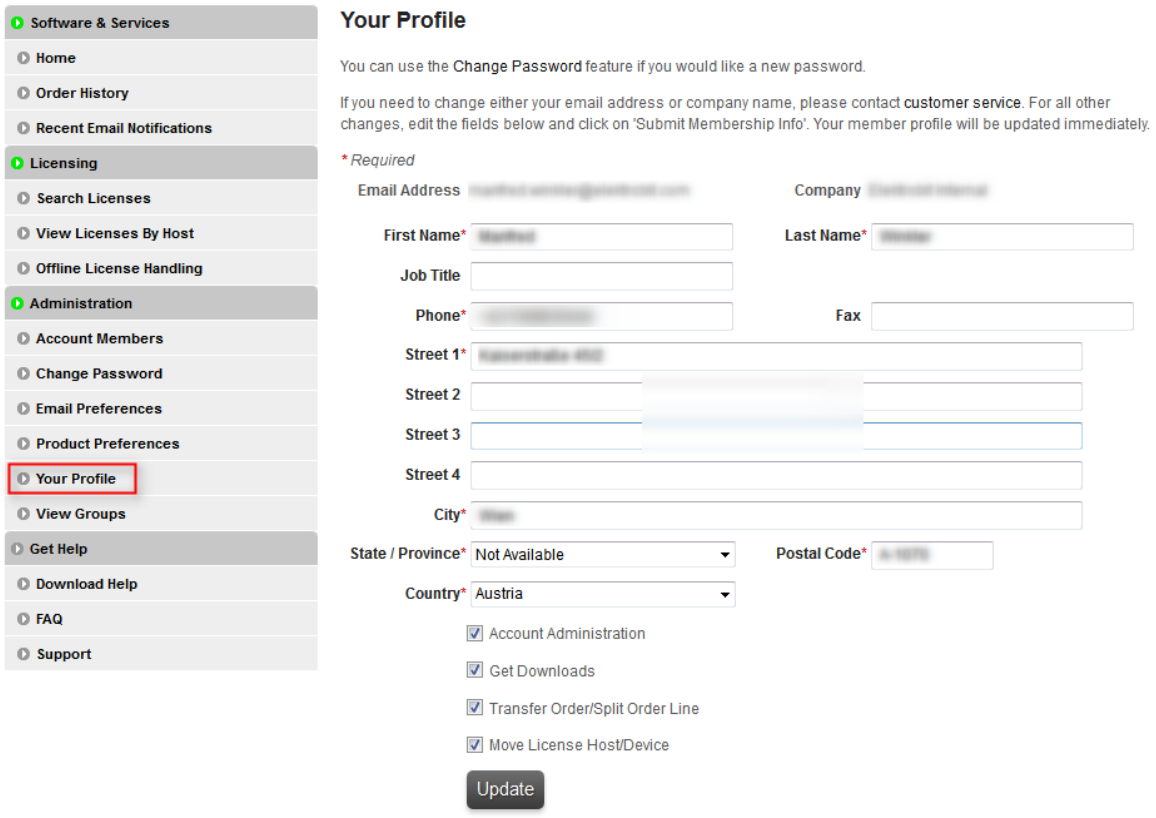


Figure 5.2. **Your Profile** page

5.3. Account administration

Your customer account is provided by EB. At least one account administration member is set up in your account per default. Additional account members can be added by EB or any other account member with account administrative privileges.

In larger companies, licenses are normally associated to specific departments or subsidiaries. Licenses for partner customers may also be associated to a specific customer account. Use *allocation accounts* for these use cases.

5.3.1. Managing allocation accounts

Managing allocation accounts

Prerequisite:

- The permission **Account Administration** must be activated. For more information, see section 5.2, “Profile administration”.

Step 1
Log in to the EB licensing portal, see section 5.1.1, “Login to the EB licensing portal”.

Step 2
Create an allocation account, see section 5.3.1.1, “Creating an allocation account”.

Step 2.1
Add additional allocation accounts if needed, see section 5.3.1.2, “Adding an allocation account”.

Step 3
Add members to an allocation account, see section 5.3.1.3, “Adding allocation account members”.

Step 4
Assign permissions to allocation account members, see section 5.3.1.4, “Assigning permissions to account members”.

Step 5
Switch to an allocation account, see section 5.3.1.5, “Switching to an allocation account”.

Step 6
Move licenses to an allocation account.

Step 6.1
Transfer licenses to an allocation account, see section 5.4.3, “Transferring licenses to an allocation account”.

Step 6.2
Split licenses between allocation accounts, see section 5.4.4, “Splitting licenses between allocation accounts”.

Step 7
Verify the successful transfer of an order, see section 5.3.1.6, “Verifying a transferred order”.

5.3.1.1. Creating an allocation account

Creating an allocation account

Prerequisite:

- The permission **Account Administration** must be activated. For more information, see section 5.2, “Profile administration”.

NOTE

Delete an allocation account

If you want to delete an allocation account, contact the Product Support and Customer Care Team.

Step 1

In the EB licensing portal, browse to **View Groups**.

Step 2

Click **Create New Allocation Account**.

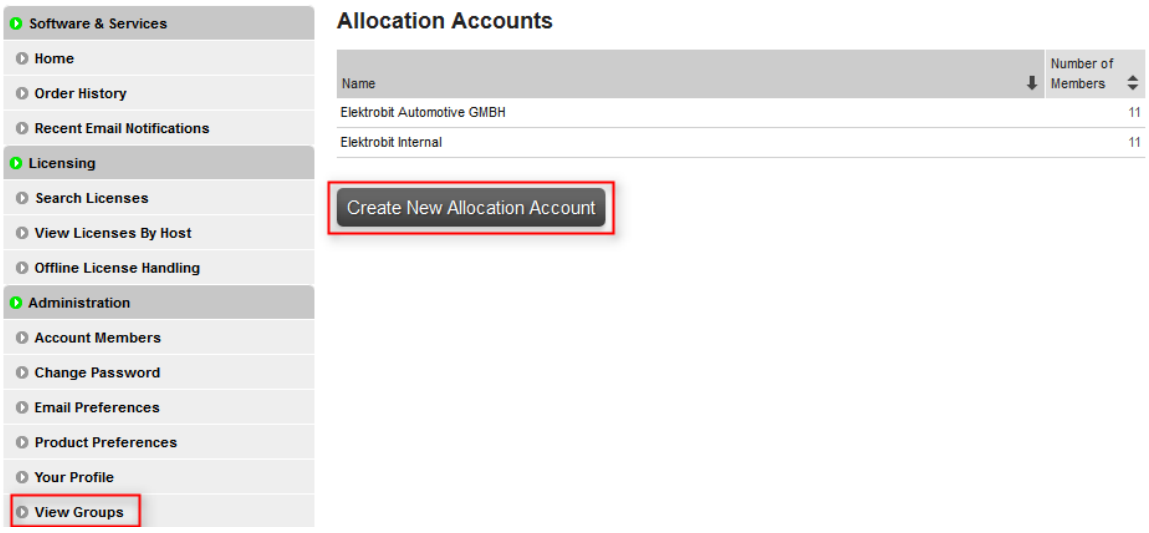


Figure 5.3. The **View Groups** page

Example: In the screenshot below, the main account is *ElektrobitTesting* and two allocation accounts *EB CIS-I* and *EB CIS-T* are already available.

5.3.1.2. Adding an allocation account

Adding an allocation account

Step 1
Enter an allocation account in the **Name** text box, e.g. *EB CIS-T*.

Step 2
You can also provide a note for the new account in the **Note** text box.

Step 3
Check the **Download** and **Transfer/Split Orders** check boxes. The **Admin** check box is checked by default. Make sure that the **Move HostDevice** check box is unchecked.

Step 4
As an account administrator, you are included automatically as a member in the newly created allocation account.

Step 5
Click **Add Allocation Account** to create the new allocation account.

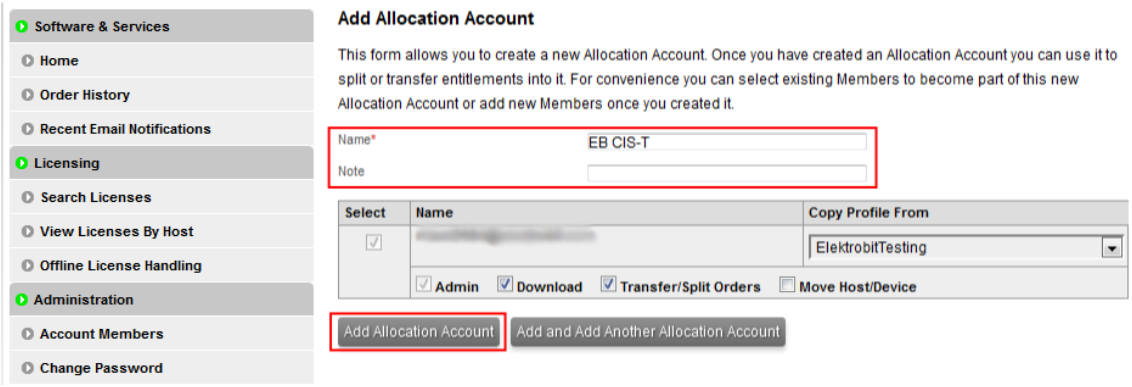


Figure 5.4. The **Add Allocation Account** page

5.3.1.3. Adding allocation account members

Adding allocation account members

Step 1
Check that you are already included in the new allocation account as administrator.

Step 2
Click **Add New Member** to add account members and set the intended permissions.

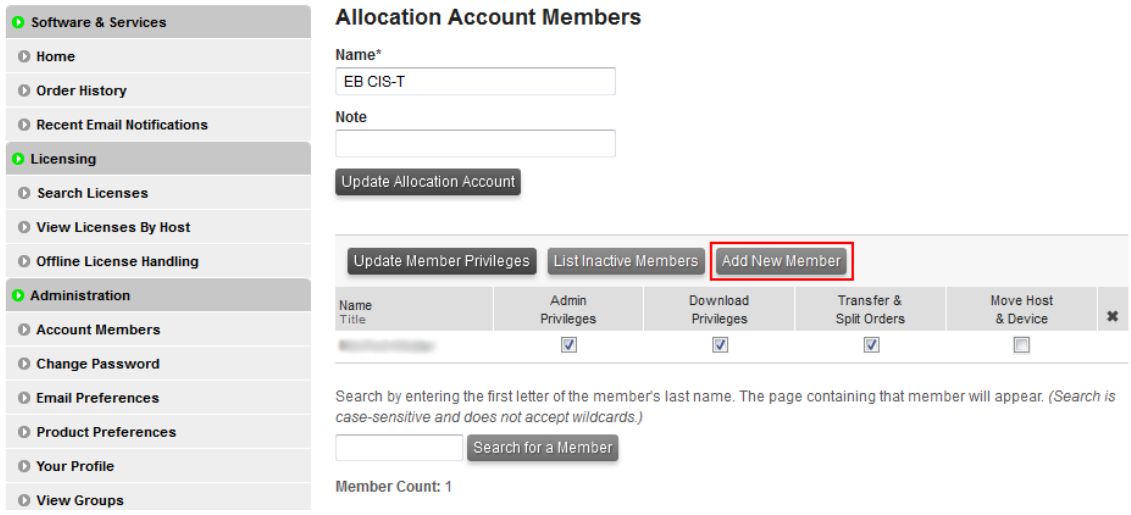


Figure 5.5. Add an allocation account

NOTE

Transfer of licenses

Each account member that has the permission *Transfer & Split Orders* is able to transfer a license back to the main account.

5.3.1.4. Assigning permissions to account members

You can assign the following permissions to members of your allocation account and to yourself:

- Admin Privileges: enables to change account settings, see section 5.3, “Account administration”.
- Download Privileges: enables to download license files, see section 5.4, “License administration”.
- Transfer & Split Orders: enables to transfer licenses and to split multiple licenses, see section 5.4, “License administration”.
- Move Host & Device: this permission is not supported.

Assigning permissions to account members

Step 1
In the EB licensing portal, browse to **Account Members** under **Administration**.

Step 2
Select or unselect a check box in the permission column to assign or unassign a permissions from an account member.

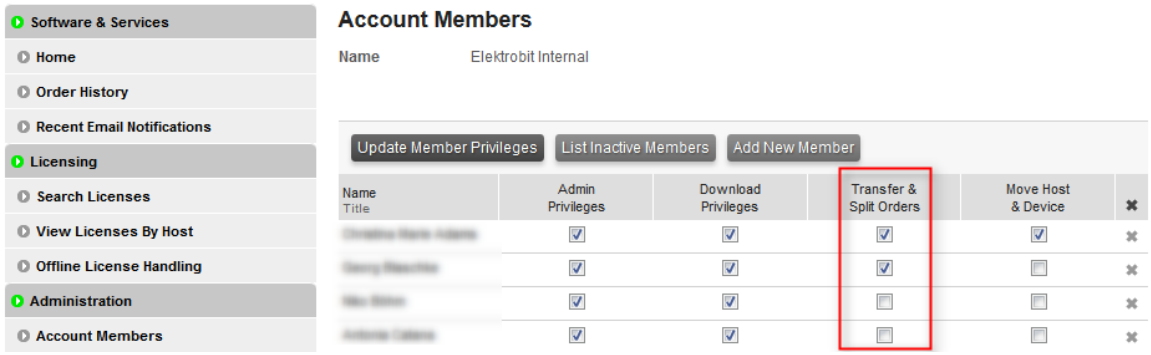


Figure 5.6. Account member administration

5.3.1.5. Switching to an allocation account

If you are a member of multiple accounts, you can switch the account, e.g. to verify that an order was transferred successfully.

Switching to an allocation account

Step 1
Click the **Switch Account** button at the top of the EB licensing portal.

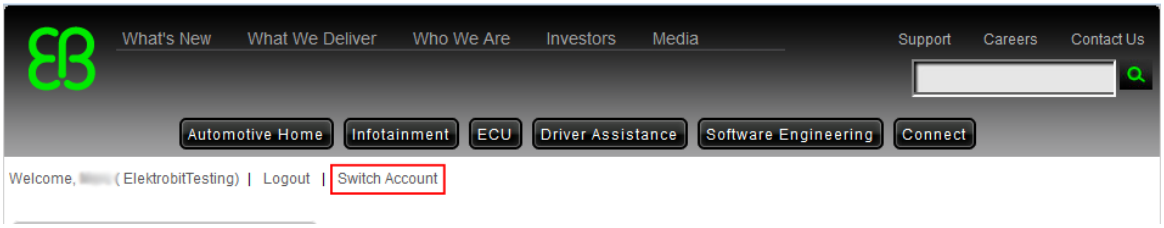


Figure 5.7. The **Switch Account** button

Step 2
Select the allocation account you want to verify, afterwards you are logged in to the allocation account

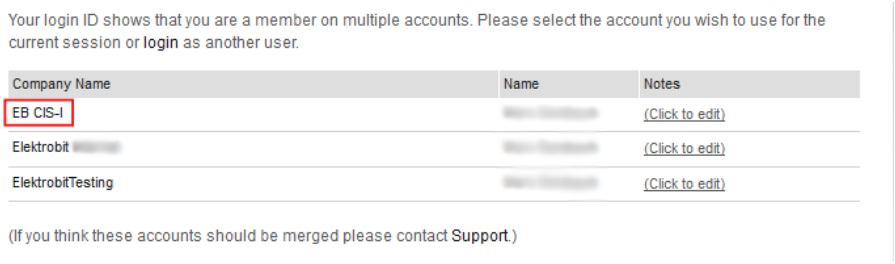


Figure 5.8. Select an allocation account

5.3.1.6. Verifying a transferred order

Verifying a transferred order

Step 1
Switch to the account with the transferred order. For more information, see section 5.3.1.5, “Switching to an allocation account”.

Step 2
Browse to the order history of the selected allocation account.

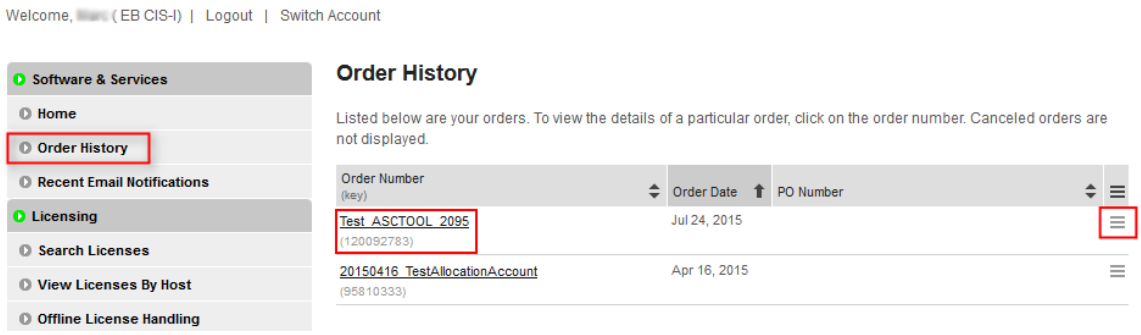


Figure 5.9. Order history of the allocation account

Step 3
The previously transferred order is now visible within the allocation account. Only account members of the allocation account can see this license from now on.

Step 4
To see the license, point to the **Actions** button on the right side of the order line and click **License(s)**.

Step 5
If you accidentally assigned a license to the wrong allocation account you can transfer the license back to the main account. Make sure to switch to the correct allocation account before you transfer the license back. For more information on switching accounts, see section 5.3.1.5, “Switching to an allocation account”.

Step 6
Follow the same procedure as used to transfer the license to the allocation account, see section 5.4.3, “Transferring licenses to an allocation account”.

5.4. License administration

On the EB licensing portal you can do the following license-related tasks:

- Search licenses, see section 5.4.1, “Searching licenses”.

- Access your licenses, see section 5.4.2, “Accessing your licenses”.
- Transfer licenses to a different allocation account, see section 5.4.3, “Transferring licenses to an allocation account”.
- Split licenses between allocation accounts, see section 5.4.4, “Splitting licenses between allocation accounts”.

5.4.1. Searching licenses

On the **Search Licenses** page you can perform the following actions:

- Search for your licenses using different search criteria.

  To search for a license, use the **Find Licenses** section and click **Search Licenses**.
- Filter your search results.

  To filter your search results, use the option buttons and text boxes in the **Filter By** section.
- Download all your file-based company licenses in a single ZIP archive.

  To download all file-based company licenses, click **Download All Licenses**.

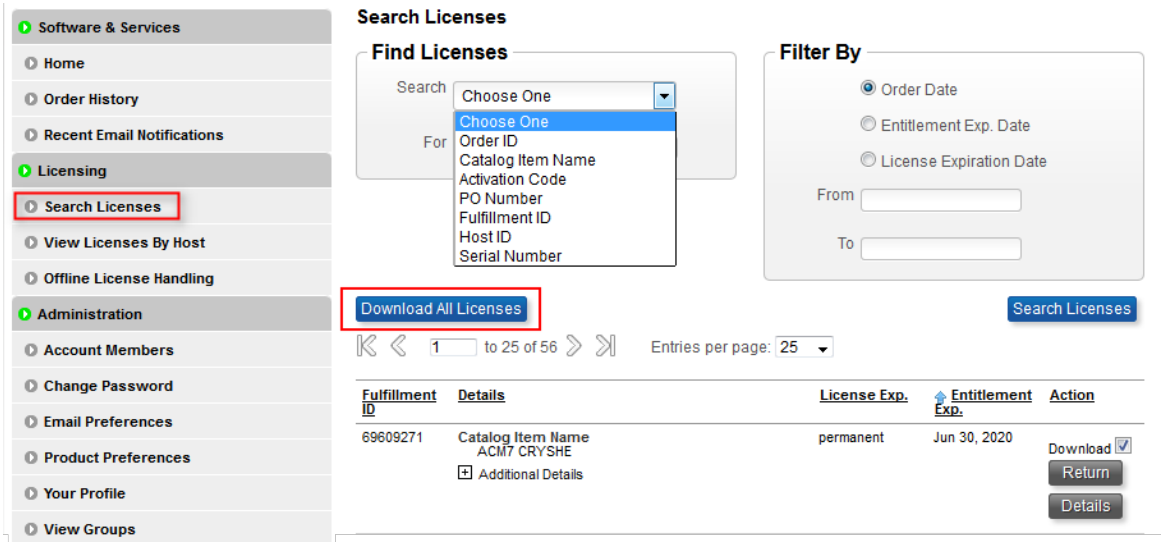


Figure 5.10. **Search Licenses** page

NOTE

Search function only for associated licenses

Only licenses that are already associated are shown in the search result. Associated licenses are already activated on a specific machine or a license file was generated for a specific dongle. Browse to the affected order to generate your license file or to retrieve your activation codes.

NOTE

Restricted download of multiple licenses

You can download a subset of licenses with the **Download** button at the bottom of the page. However, only licenses which are shown according to your search criterion and have their check box activated are included in the ZIP archive.

Example: If your search criterion has provided 50 results but on the result screen you have configured to show only 25 results on a page, only these 25 results are included in the ZIP archive.

5.4.2. Accessing your licenses

Accessing your related licenses

Step 1
Browse to the **Order History** page.

Step 2
Point to the **Actions** button on the right side of the related order line.

Step 3
In the context menu, click **License(s)**.

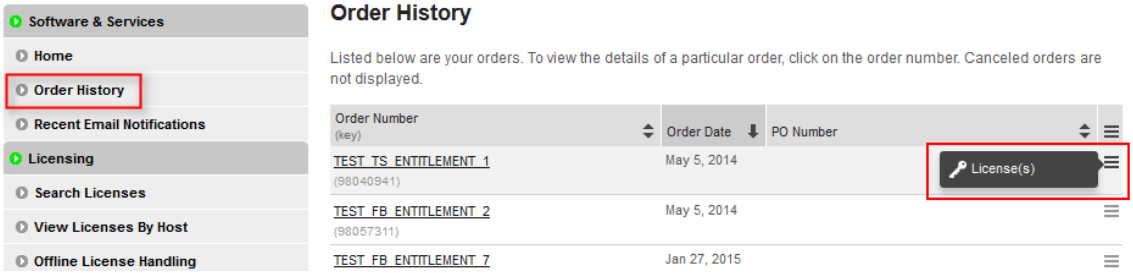


Figure 5.11. **Order History** page

Within the order-related license overview page you can do the following:

- Download individual license files for each dongled license catalog items.

To download an individual file, click **Download** to the right of the dongled license.

- Retrieve activation codes for single user or floating license catalog items.

  Activation codes are shown for single user or floating licenses.

- Download all selected licenses as a ZIP archive.

  To download all selected licenses, click the **Download** button on the bottom of the list.

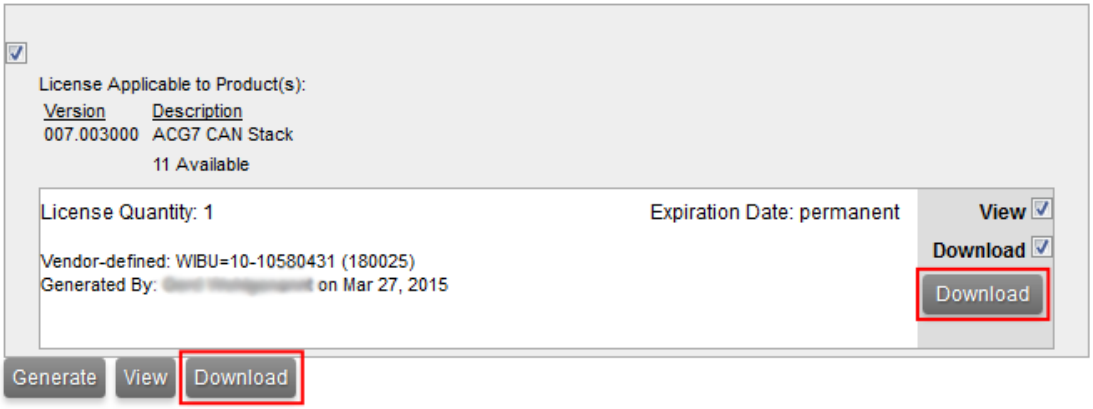


Figure 5.12. Download license on the **Order History** page

NOTE

ZIP archives do not contain activation codes

Activation codes are not included in the ZIP archive since these codes must be entered into the appropriate license administrator tool. You can find your activation codes also in the automatically created order notification email. You find an email history in **Recent Email Notifications**.

5.4.3. Transferring licenses to an allocation account

Transferring licenses to an allocation account

Prerequisite:

- To perform this task, you need the permission *Transfer & Split Orders*.

Step 1
Browse to the **Order History** page.

Step 2
Point to the **Actions** button on the right side of the affected order line.

Step 3

In the context menu, click **Transfer** to transfer a license to an allocation account.

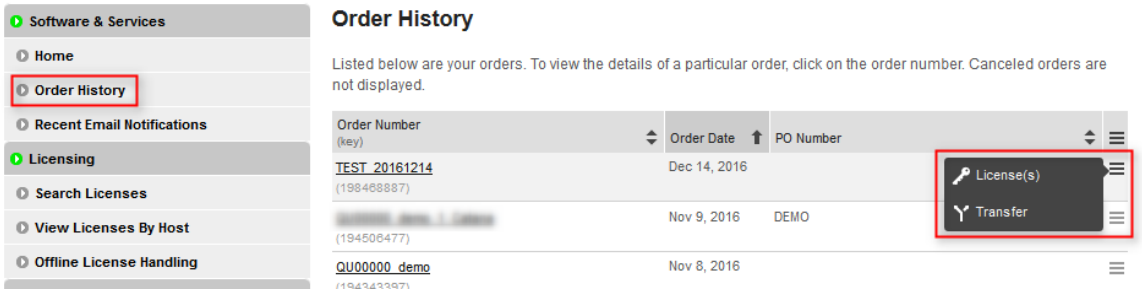


Figure 5.13. Transfer License

Step 4

Select the target allocation account in the **To Account:** drop-down list box.

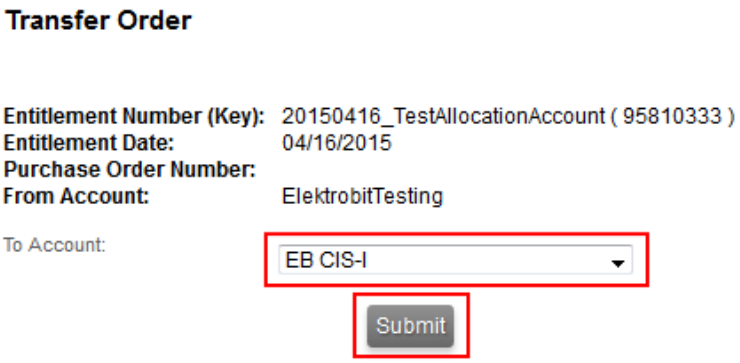


Figure 5.14. Select target allocation account

Step 5

Click **Submit** to save your selection.

Step 6

You can verify the transfer in the **Order Detail** view of the **Order History** under **Allocations**.

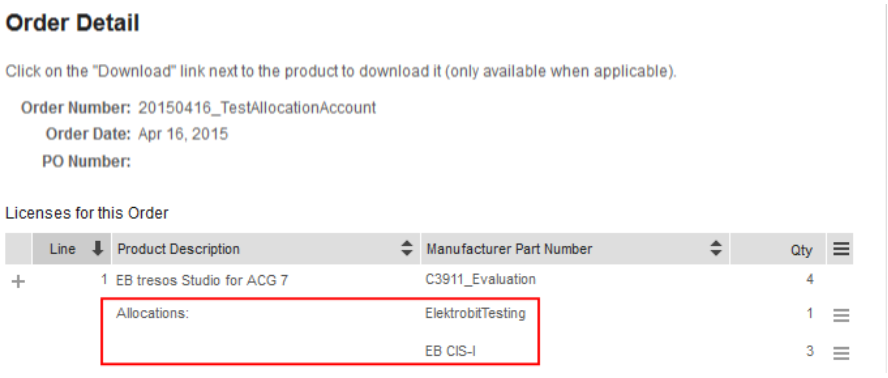


Figure 5.15. Transfer verification

5.4.4. Splitting licenses between allocation accounts

Splitting licenses between allocation accounts

Prerequisite:

- To perform this task, you need the permission *Transfer & Split Orders*.

Step 1
Browse to the **Order History** page.

Step 2
Click the appropriate order to show a list of included line items.

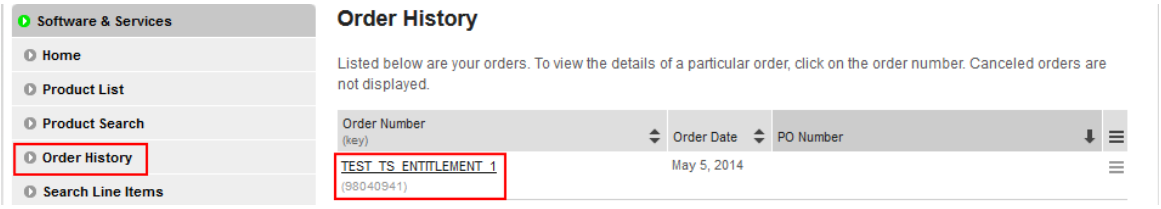


Figure 5.16. Select order

Step 3
In the **Order Detail** view, point to the **Actions** button on the right side of a line item.

Step 4
In the context menu, click **Split** to split the license.

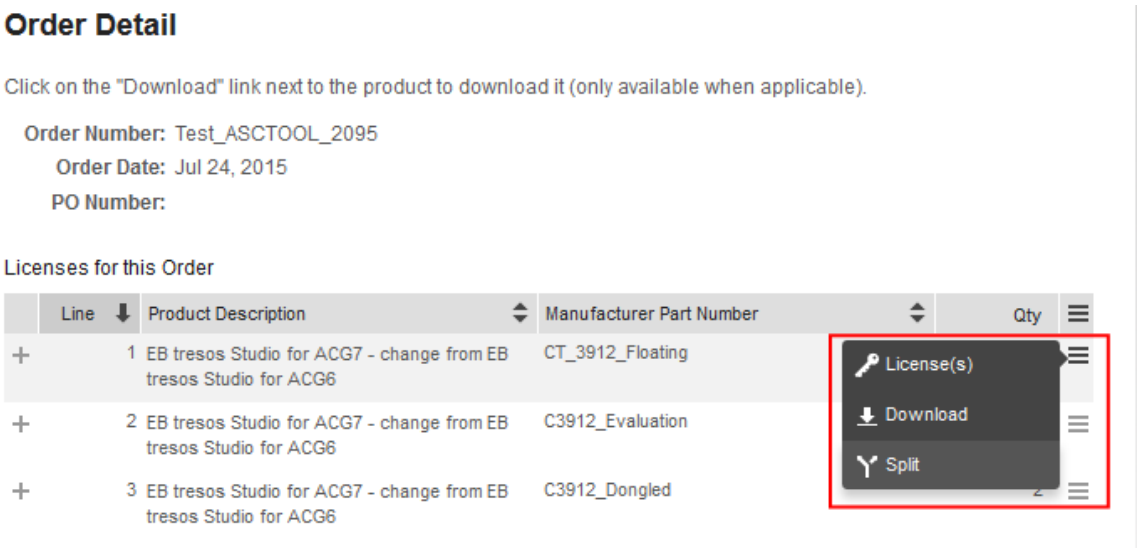


Figure 5.17. The **Order detail** view

Step 5
Select the target allocation account in the **To Account:** drop-down list box.

Step 6
Select the number of licenses to transfer in the **Quantity to Allocate:** drop-down list box.

Step 7
Click **Submit** to complete the split and transfer operation.

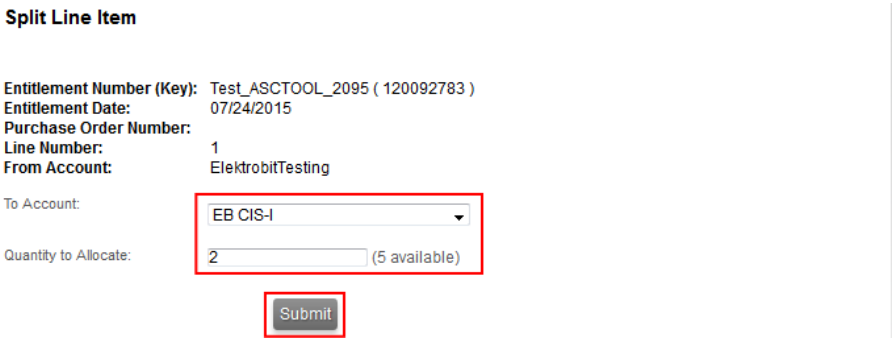


Figure 5.18. Split licenses

NOTE

Split licenses only on line-item level

You can only split licenses on line-item level since each line item may have a different number of available licenses.

Step 8
You can verify the license split in the **Order Detail** view of the **Order History** under **Allocations**.

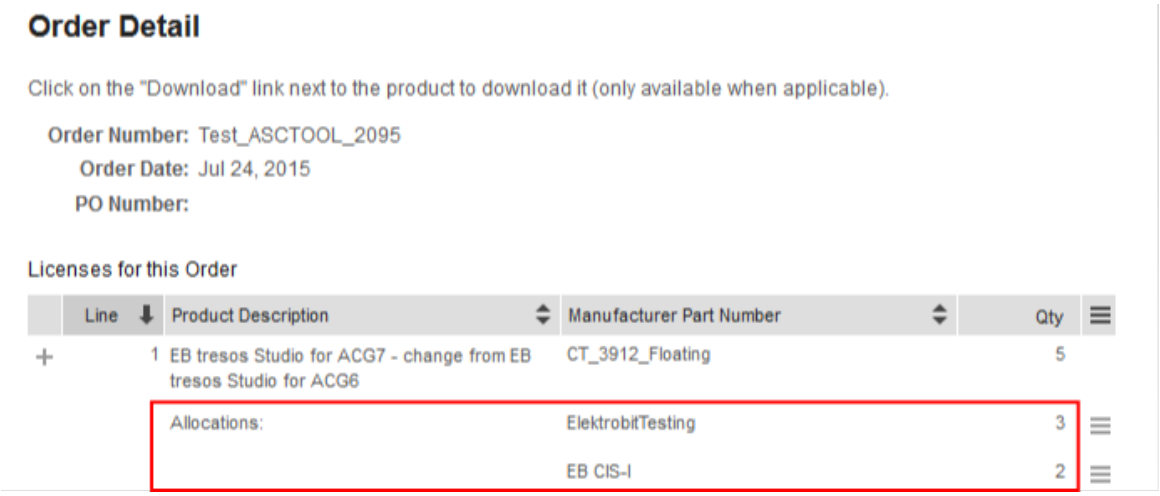


Figure 5.19. License split overview

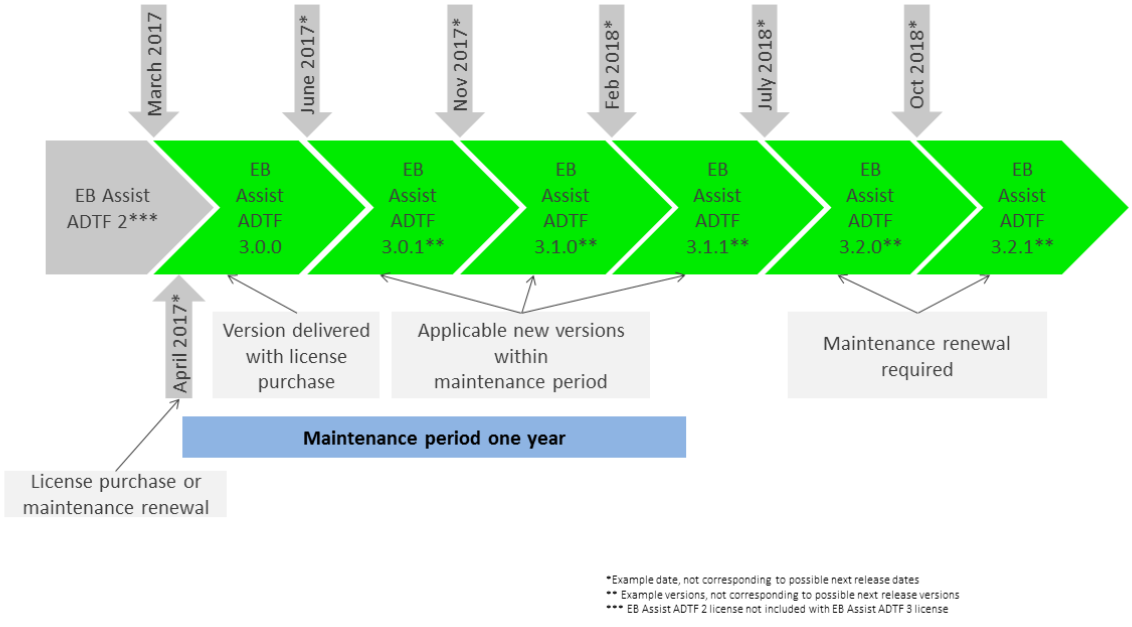
6. License background information

6.1. Maintenance license model

Most EB software products are sold according a maintenance based license model. All licenses except leased-, concept- and evaluation-licenses are perpetual. The maintenance period controls the access to newer product releases. During a valid maintenance period, any new release of a software can be used with the same license. Software versions which are released beyond the maintenance period can't be used. To use a release which was created after the maintenance end date, a software maintenance renewal has to be purchased.

In example 6.1, “Maintenance Period”, the following restrictions are shown:

- EB Assist ADTF 2 is not included within an EB Assist ADTF 3 license.
- All new EB Assist ADTF 3 versions released within the maintenance period can be used.
- Releases after an expired maintenance period cannot be used with the license.



Example 6.1. Maintenance Period

6.2. License bundles

Depending on the product you have ordered, you receive one of the following licensing bundles:

6.2.1. Single user or evaluation license

- Login credentials to the EB licensing portal via email notification
- Single user license activation code via email notification and via EB licensing portal
- EB Client License Administrator tool provided with EB Assist ADTF 3

For information about the setup of single user or evaluation licenses, see chapter 2, “Single user or evaluation licenses“.

6.2.2. Floating license

- Login credentials to the EB licensing portal via email notification
- Floating license activation code via email notification and via EB licensing portal
- EB Server License Administrator tool including the EB vendor daemon via EB Command delivery
- FlexNet Publisher lmadmin license server installer via EB Command delivery
- `EB_FLOATING_SERVER.lic` license file to configure the EB vendor daemon via EB Command delivery

For information about the setup of floating licenses, see chapter 3, “Floating licenses“

6.3. Licensing shipment

6.3.1. Reading the order notification email

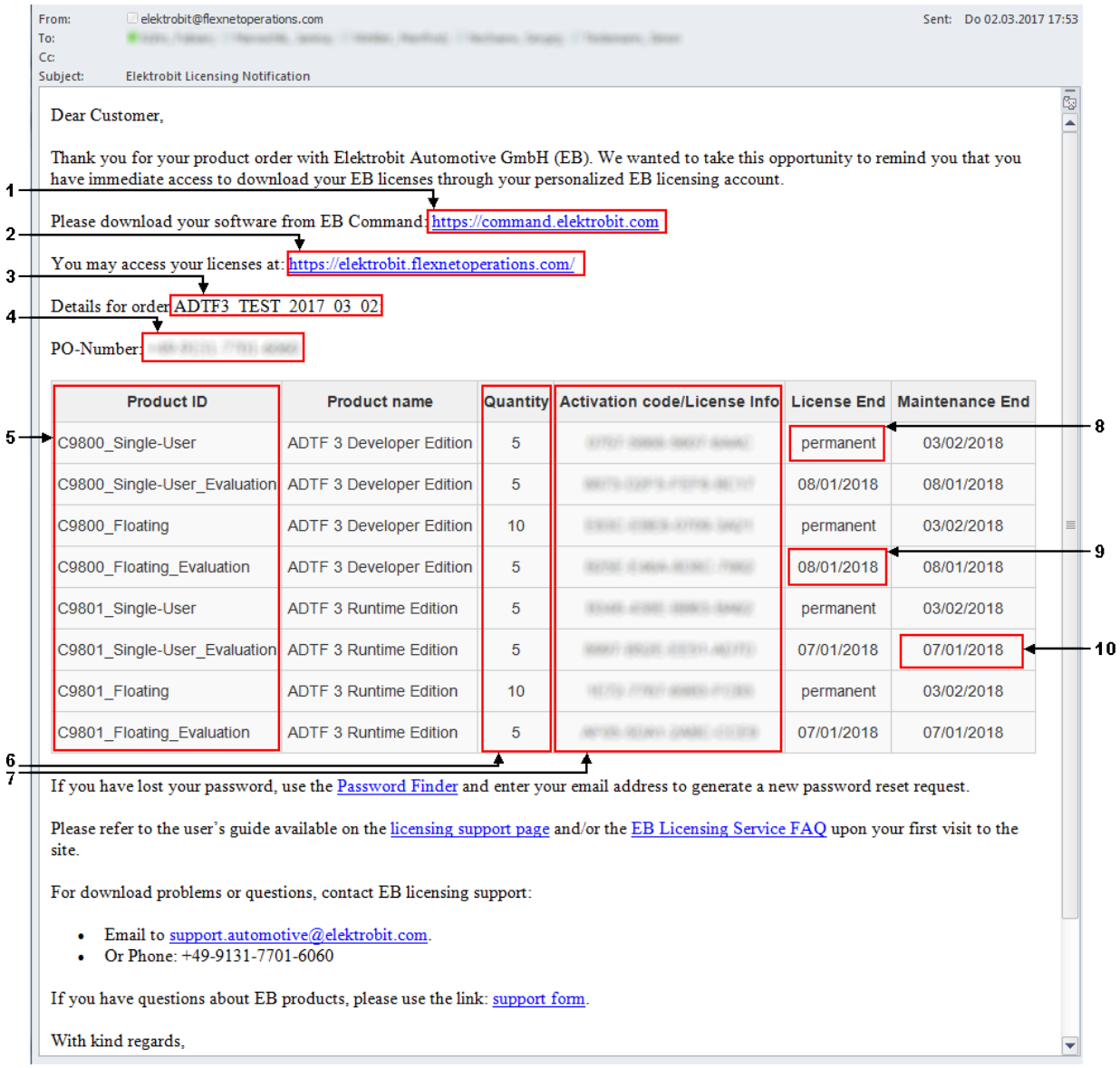


Figure 6.1. Order notification email

No.	GUI item	Description
1	Link	EB Command software download portal

No.	GUI item	Description
2	Link	EB licensing portal
3	Info	EB quotation number
4	Info	Your purchase order number
5	License type	Single user and floating licenses (both permanent and evaluation) are provided via FlexNet operations activation codes. See chapter 2, “Single user or evaluation licenses“ or chapter 3, “Floating licenses“.
6	Quantity	The number of seats in case of a floating license or the number of allowed activations on different client machines in case of a single user license.
7	License info	Find your activation codes in this section (again see chapter 2, “Single user or evaluation licenses“ or chapter 3, “Floating licenses“ for details).
8	License End	Floating and single user licenses are permanent. They do not have an expiry date.
9	License End	Evaluation licenses work until the specified license end date. Beyond this date, a new license is required.
10	Maintenance End	New product versions are supported up to the specified maintenance end date. Products released after this date cannot be used with this license.

6.4. License activation

6.4.1. General information on license activation

- The license administrator tools communicate with the FlexNet Operations On Cloud license server and transfer a license from the FlexNet Operations On Cloud license server to your server or client machine.
- Activation-based licenses are managed by the FlexNet Operations On Cloud service.
- A license is stored in a secured file on the customer's machine. This so called *trusted storage* is protected against several manipulation attempts such as rollback of the machine's clock, backup and restore on different machines, and usage in virtual environments.

Two different license activation tools are provided:

- EB Server License Administrator (for license server to provide floating licenses)
- EB Client License Administrator (for single-user and evaluation licenses)

6.4.2. License Administrator user interface

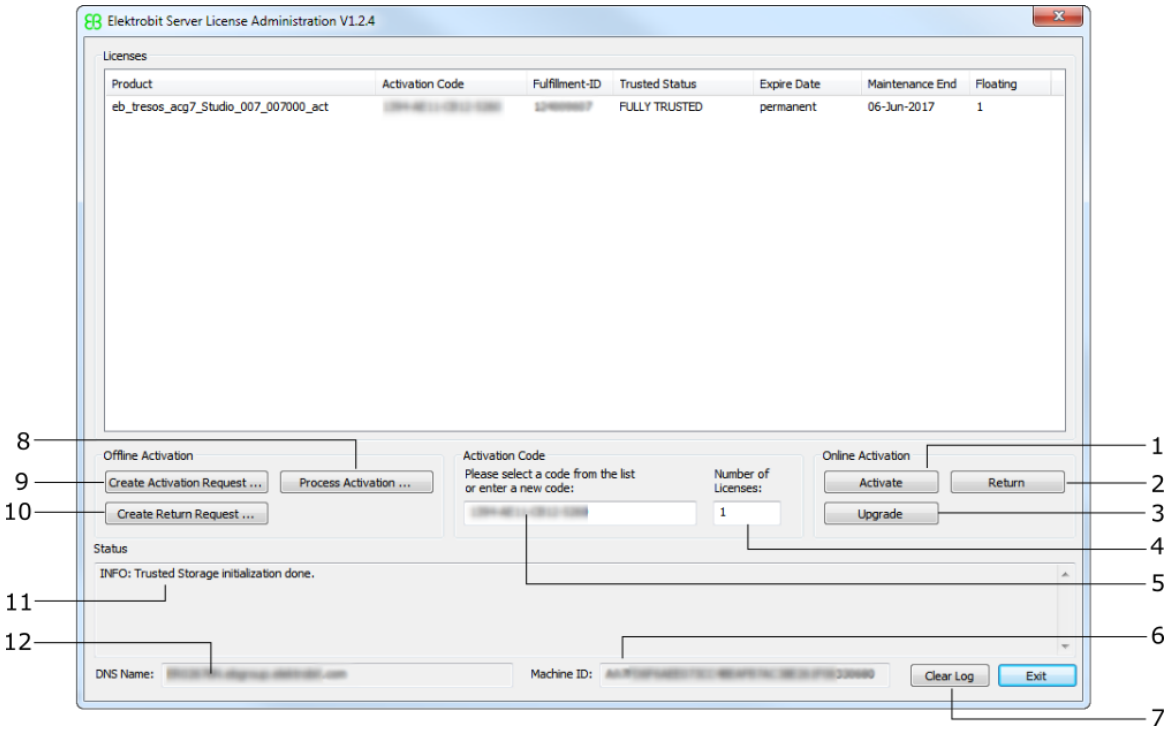


Figure 6.2. License Administrator user interface

No.	GUI item	Type	Description
1	**Activate**	button	Click for online license activation.
2	**Return**	button	Click for online license return.
3	**Upgrade**	button	Click for online license upgrade.
4	**Number of Licenses**	text box	Enter the number of floating licenses you want to activate. For single-user licenses the number is always `1`.
5	**Activation Code**	text box	Enter the activation code (received via email) to activate a license or choose a license from the list of already activated licenses to return the license.
6	**Machine ID**	section	The unique machine identifier is displayed.
7	**Clear Log**	button	Click to clear all messages shown in the status section.
8	**Process Activation ...**	button	Click to process offline activation or return response files.
9	**Create Activation Request ...**	button	Click to create an offline activation request file.
10	**Create Return Request ...**	button	Click to create an offline return request file.
11	**Status**	section	The status of the activation process is displayed.

No.	GUI item	Type	Description
12	**DNS Name**	section	The machine DNS name is displayed.

For single user and evaluation licenses the tool (EB Client License Administrator) is provided with EB Assist ADTF 3. For the server license the tool (EB Server License Administrator) is provided with the license server via EB Command. For more information on the activation tools, see chapter 2, “Single user or evaluation licenses“ and chapter 3, “Floating licenses“.