Readme FlexNet

Inhalt

1   What AUCOTEC needs to create the license file

This description is valid from Engineering Base version 6.3.3 incl. Hotfix 307, ELCAD Version 7.8.0 incl. SP2 and RUPLAN version 4.8.1.

To start a FlexNet License Server in a customer environment some conditions are necessary:
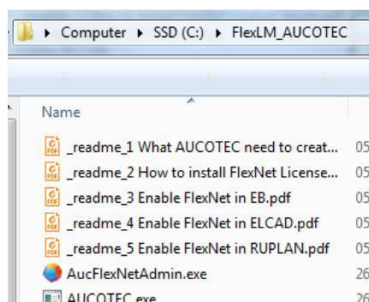
- A computer with a Windows operating system for installing the License Service
- Informationen of this computer for generating the license file „aucotec.lic"

The zipped file includes some tools, also a tool called "AucFlexNetAdmin.exe". This tool collects all necessary information for AUCOTEC to generate the file.

Please follow the next steps:

1.   Copy all files to a directory on the new License Server, e.g. to "C:\FlexLM_AUCOTEC\".
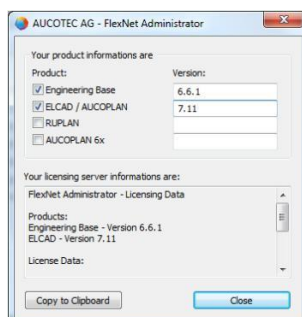
2.   Open the Explorer and change to the directory.

3.   Double-click on "AucFlexNetAdmin.exe".

4.   Insert the required information.
      Example:

5.   Now click "Copy to Clipboard" and place the information via Strg-V into an email.

Example:

FlexNet Administrator - Licensing Data

Products:
Engineering Base - Version 6.6.1
ELCAD - Version 7.11

License Data:
HOSTNAME=Name-PC
Virtualisation: None
EBSN: G77W55JCN7360416E035X

Intel(R) 82579LM Gigabit Network Connection
AB:CD:EF:12:34:56

6.   Please send the email to your sales assistant at AUCOTEC.

AUCOTEC creates with this information the license file "aucotec.lic" and sends it back to you.

The installation of the FlexNet License Server is described in the document "How to install FlexNet License Server".

2 How to install FlexNet License Server

The installation of the FlexNet License Server is described in the document "How to install FlexNet License Server".

To start a FlexNet License Server in a customer environment the following conditions are necessary:

- A computer with a Windows operating system for installing the License Service
- The license file "aucotec.lic". The license file will be provided by AUCOTEC

The zipped file includes some tools to install the FlexNet License Server.

Please follow the next steps:

1.   Copy all files to a directory, e.g. to "c:\FlexLM_AUCOTEC\".

2.   Open the command prompt **as Administrator** and change to the directory:

e.g. cd "c:\FlexLM_AUCOTEC"

3.   Install the License Manager Service:

a. Insert the following command and press Enter:
installanchorservice.exe AUCOTEC AUCOTEC
Note: If you have started the program AucFlexNetAdmin already, this service may have already been installed. As soon as the message "Successfully installed anchor service for publisher AUCOTEC, product AUCOTEC" appears when executing the command, everything is fine!

b. Insert the following command and press Enter:
Installs -c c:\FlexLM_AUCOTEC\aucotec.lic -e c:\FlexLM_AUCOTEC\lmgrd.exe -l c:\FlexLM_AUCOTEC\aucotec.log -n "FLEXlm License Manager AUCOTEC"

Note: If you like to make an update of the License Service for AUCOTEC products, please uninstall FLEXlm License Manager AUCOTEC before installing the new service!
To uninstall the Service deactivate it first, insert the following command and press Enter:
installs -r -n "FLEXlm License Manager AUCOTEC"

4. Open the dialog for the Services and select the Service "FLEXlm License Manager AUCOTEC". Open the Properties of the Service.
    Change to the Logon tab and change the settings to Local System.

5. Copy the new license file (maybe you have to rename it to "aucotec.lic") to the target directory.

6. Start the License Manager Service by using the following command

    net start "FLEXlm License Manager AUCOTEC"

7. Force reading the new license file by using the following command

    lmutil lmreread

Now the licenses can be used.

Note: For the communication between the license server and the client the configurable ports 27005 and 10001 are used! Please configure your firewall accordingly.

Note: The ports can be changed in the aucotec.lic file.

A description how to get licenses from the server can be find in "Enable FlexNet in EB/ELCAD/RUPLAN".
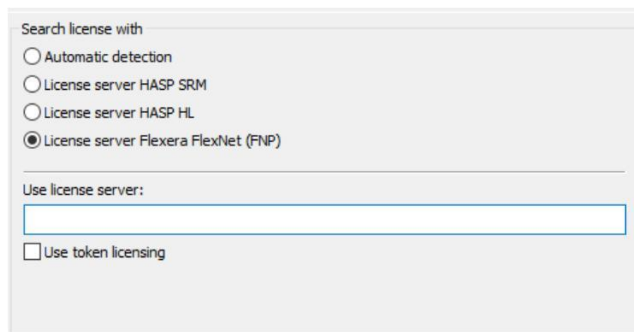

How to check the status of a Flexnet License Server (command line tools)

- show usage

  o *lmutil lmstat -a*

  o *lmutil lmstat -f*

- show issued file based licenses

  o *lmutil lmstat -i*

- show issued licenses in trusted storage

  o *serveractutil -view*

3 How to enable FlexNet License Server in Engineering Base

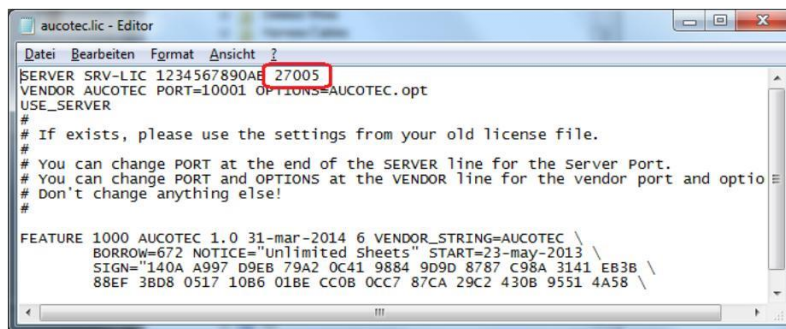Note: This description applies from version 6.3.3 incl. Hotfix 307.

Please start Engineering Base and select Help / Product Keys... (German: ? / Produktschlüssel...) in the main menu.

Select "License server Flexera FlexNet (FNP)". To get licenses from the license server the port and server name must be inserted into "Use license server:", e.g. 27005@licenseserver.

How to get the port?

The communication port can be configured in the license file "aucotec.lic".

The default value for the port is 27005.

Note:

- If you change the port the License Service must be restarted
- Make sure that the port is open

The important Registry Keys

Windows Registry Editor Version 5.00
[HKEY_CURRENT_USER\Software\Aucotec\Engineering Base\6.3\Client\Registration]
"LicenseManager"="27005@licenseserver"
"DongleSearchType"=dword:00000005
"EnableFlexNet"=dword:00000001

4 Enable FlexNet in ELCAD

Note: This description applies from version 7.8.0 incl. SP 2.

All drivers are installed automatically with the ELCAD setup.

To enable FlexNet on a client please edit the aucotec.ini file in the user directory of ELCAD, e. q. "%LocalAppData%\aucotec\elcad\780".

Note: Stop ELCAD before editing the aucotec.ini!

Modify the corresponding values in the section Licence:

[Licence]

Mode=FlexNet
Server=27005@licenseserver

Mode : To use the FlexNet License Server
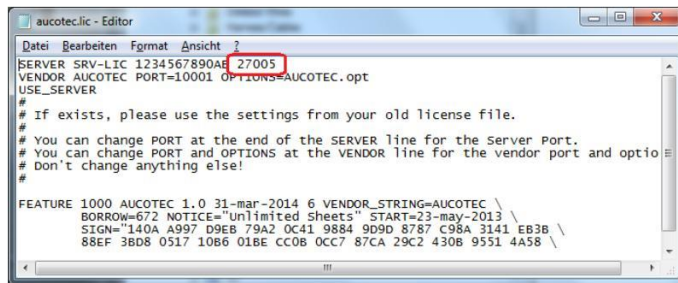Server : Port and Name of the License Server

```
[Licence]
Mode=FlexNet
Server=27005@licenseserver
ELCAD_START=0
ELCAD_EDIT=0
ELCAD_COMPACT=0
ELCAD_COMPACT_PLUS=0
ELCAD_PLUS=0
ELCAD_PROF=1
```

aucotec.ini

Now the license will be used from the FlexNet License Server.

How to get the port?

The communication port can be configured in the aucotec.lic file.

The default value for the port is 27005.

Note:

- If you change the port the License Service must be restarted
- Make sure that the port is open

5 Enable FlexNet in RUPLAN

Note: This description applies from version 4.81.

To enable FlexNet on a client please edit the liz_ini.dat file in the Conf directory of RUPLAN, e. q. "..\Ruplan\481\Conf".
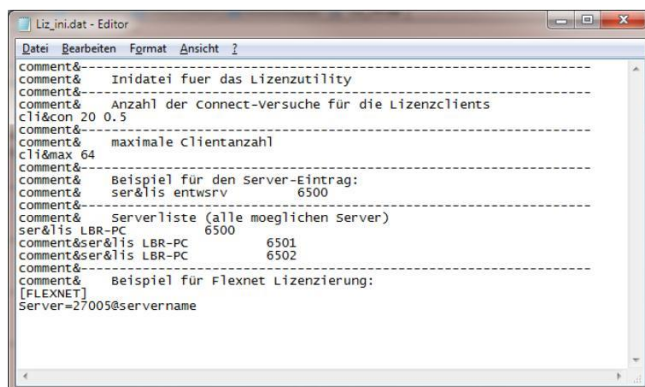
Note: Stop RUPLAN before editing the liz_ini.dat!

Add the following two lines at the end of the file:

[FLEXNET]
Server=27005@servername
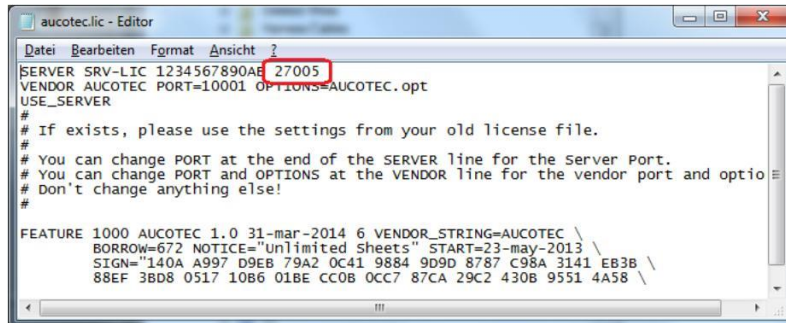
Server: Port and Name of the License Server.
The default value for the port is 27005.

Now the license will be used from the FlexNet License Server.

How to get the port?

The communication port can be configured in the aucotec.lic file.

The default value for the port is 27005.

Note:
- If you change the port the License Service must be restarted
- Make sure that the port is open

6 How to update FlexNet License Server

Please follow the next steps:

1. Open the command prompt **as Administrator** and change to the FlexLM

    directory:

    e.g. cd "*c:\FlexLM_AUCOTEC*"

2. Stop the License Service:
    net stop "FLEXlm License Manager AUCOTEC"

3. Uninstall the old License Service
    installs -r -n "FLEXlm License Manager AUCOTEC"

4. Uninstall the old Anchorservice

    uninstallanchorservice.exe AUCOTEC AUCOTEC -force

5. Move all files from this directory to a "Backup" directory.

6. Copy all files from the downloaded zip folder to the directory c:\FlexLM_AUCOTEC.

7. Copy the files aucotec.lic and aucotec.opt from the "Backup" directory to the
    directory c:\FlexLM_AUCOTEC. If necessary, overwrite the existing files.

8. Install the License Manager Service:

    a. Insert the following command and press Enter:
    installanchorservice.exe AUCOTEC AUCOTEC

    b. Insert the following command and press Enter:
    Installs -c c:\FlexLM_AUCOTEC\aucotec.lic -e c:\FlexLM_AUCOTEC\lmgrd.exe -l c:\FlexLM_AUCOTEC\aucotec.log -n "FLEXlm License Manager AUCOTEC"

9. Open the dialog for the Services and select the Service "FLEXlm License Manager AUCOTEC". Open the Properties of the Service.

    Change to the Logon tab and change the settings to Local System.

10. Start the License Manager Service:

    net start "FLEXlm License Manager AUCOTEC"

Now the licenses can be used again.