CADfix Installation Guide
CADfix PPS5

(PPS)

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1. Understanding your CADfix purchase

Your CADfix license will be one of the following types:

- Evaluation
- Single node-locked
- Network (floating), or multiple node-locked

Other installation configurations are available, and CADfix support can provide more advice if needed.

Within this document, each of these license types is colour-coded (as above) to help with identification of the relevant information.

Evaluation

This installation uses a local license file that is time-limited. It does not require any licensing services, so only CADfix needs to be installed. Evaluation licenses do not normally allow remote access, but this license can be installed on multiple computers.

Single node-locked

A node-locked installation is locked to a specific computer which is identified by its host-id (MAC address). Both the CADfix application and the license services are usually installed on the same computer.

Where a purchase includes multiple node-locked seats, the installation can follow the 'Network (floating), or multiple node-locked' procedure. This allows all the CADfix installations to share a single license server.

Network (floating), or multiple node-locked

A floating CADfix license will run only on a specifically defined range of computers. The allowable range should be discussed with the CADfix sales team before the purchase and will be categorised as LAN, WAN, RWAN, or WWAN depending on the locations of required users. Each allowable computer within this range will be identified using one of the following options (or combination):

```
  IP address range:  126.10.10.*
   IP address list:  126.10.10.5   126.10.10.6   126.10.10.7
 MAC address list:   48ad3f56ffcb  a93b2f2dd9ab  e8ff3ba826c0
```

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2. Quick installation guide

2.1. Evaluation

Preparation

a) ✉ **Request an 'Evaluation' license file.**
Usually supplied via your CADfix sales representative by email.
or:
Americas customers - email works_supp@iti-global.com
Non-Americas customers - email eukeys@iti-global.com

b) ⬇ **Download CADfix**
The latest download link is supplied in the license file email that was sent to you - Download the 'Installer' package.
A 'Zip file' installation is also available for download (not covered in this installation document).

Installing CADfix and license

c) ▮▮ **Install CADfix**
Run the downloaded installer program – See Installing CADfix

d) 📥 **Copy your license file into "..\CADfix PPS 5\lic"**
When received from ITI, copy the license file into the CADfix lic folder.
e.g. "C:\Program Files (x86)\CADfix PPS 5\lic\" – See Installing the license service

e) 🖥 **Run CADfix**
Double click on the desktop icon, or run the "startCADfix.bat" script in the CADfix installation folder
e.g."C:\ Program Files (x86)\CADfix PPS 5\ startCADfix.bat"

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2.2. Single node-locked

Preparation

a) ✉ **Request a license file.**
Usually supplied via your CADfix sales representative by email.
or:
Americas customers - email works_supp@iti-global.com
Non-Americas customers - email eukeys@iti-global.com

To create the license file, the ITI support team will need to know:
- The CADfix workstation MAC address

b) ⬇ **Download CADfix**
The latest download link is supplied in the license file email that was sent to you - Download the 'Installer' package.
A 'Zip file' installation is also available for download (not covered in this installation document).

Installing CADfix and license server

c) ▪■ **Install CADfix**
Run the downloaded installer program – See Installing CADfix

d) 📥 **Copy your license file into "..\CADfix PPS 5\lic"**
When received from ITI, copy the license file into the CADfix lic folder.
e.g. "C:\Program Files (x86)\CADfix PPS 5\lic\" – See Installing the license service

e) ✳ **Install FlexNET services**
For detailed instructions about installing the FlexNET services – see Configuring the license manager.

f) 🔷 **Run CADfix**
Double click on the desktop icon, or run the "startCADfix.bat" script in the CADfix installation folder
e.g."C:\ Program Files (x86)\CADfix PPS 5\ startCADfix.bat"

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2.3. Network (floating), or multiple node-locked

Preparation

a) 📧 **Request a license file.**
Usually supplied via your CADfix sales representative by email.
or:
Americas customers - email works_supp@iti-global.com
Non-Americas customers - email eukeys@iti-global.com

To create the license file, the ITI support team will need to know:
- CADfix license server network name or IP address
- CADfix license server MAC address
- CADfix workstation IP address list/range, or MAC address list.
  (If a 'multiple node-locked installation' then this must be a MAC addresses list).

b) ☁ **Download CADfix**
The latest download link is supplied in the license file email that was sent to you - Download the 'Installer' package.
A 'Zip file' installation is also available for download (not covered in this installation document).

Install CADfix license server

c) ▪◼ Download and install the CADfix license server software onto the license server **or** copy a lic folder from an existing CADfix client installation. - Download the license server only from www.cadfix.eu/13LIC/

d) 📥 **Copy your license file into "..\CADfix PPS5\lic"**
When received from ITI, copy the license file into the CADfix lic folder.
e.g. "C:\Program Files (x86)\CADfix PPS 5\lic\" – See Installing the license service

e) ✳ **Install FlexNET services**
For detailed instructions about installing the FlexNET services – see Configuring the license manager

Install CADfix on client workstations

f) ▪◼ **Install CADfix**
Run the downloaded installer program – See Installing CADfix

g) 🖥 Link CADfix to license server – See Linking CADfix to the license

h) 🔷 **Run CADfix**
Double click on the desktop icon, or run the "startCADfix.bat" script in the CADfix installation folder
e.g."C:\ Program Files (x86)\CADfix PPS 5\ startCADfix.bat"

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3. Detailed installation procedures

3.1. Installing CADfix

1) Double-click on the downloaded installer package to start the installation process.
   e.g. CADfixPPS5_WINNTx64.msi

2) A Welcome screen is displayed:
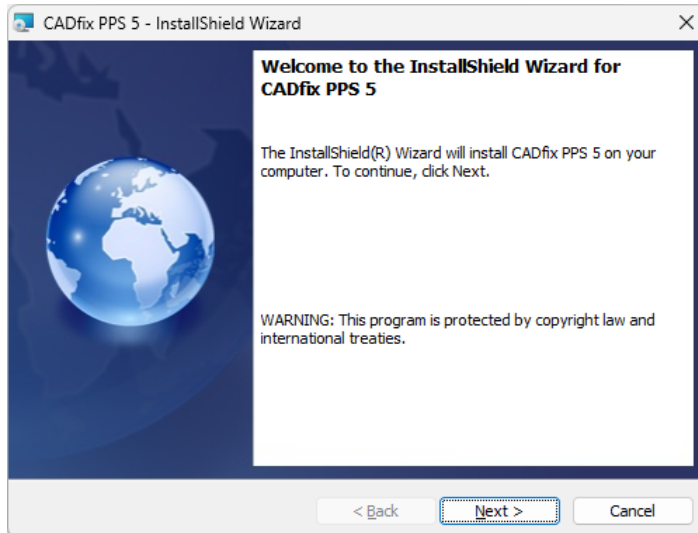
   a) 'Next' starts the installation process.
   b) 'Cancel' will stop the installation process.

3) The CADfix license agreement is displayed. This allows you to review and print the agreement before installing CADfix.
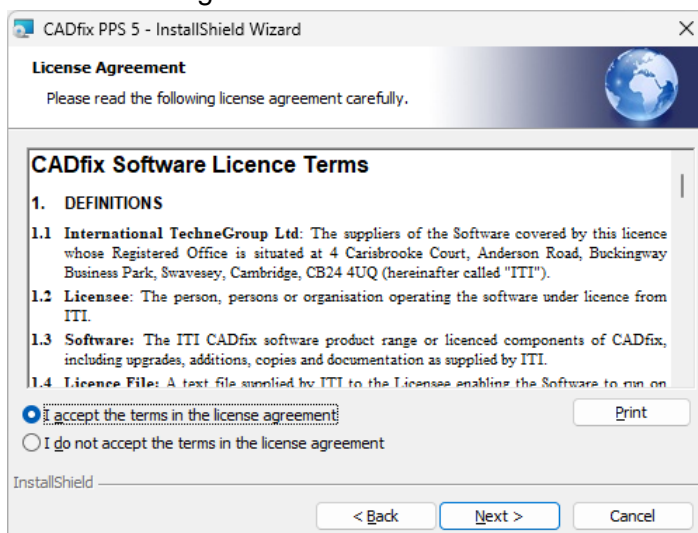
   a) **To continue, select 'I accept the terms of the license agreement', and press the 'Next' button.**
   b) 'Back' will return to the Welcome screen.
   c) 'Cancel' will stop the installation process.

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4) The 'Destination Folder' screen shows the default installation location:
(This location may vary depending on the version you are installing.)
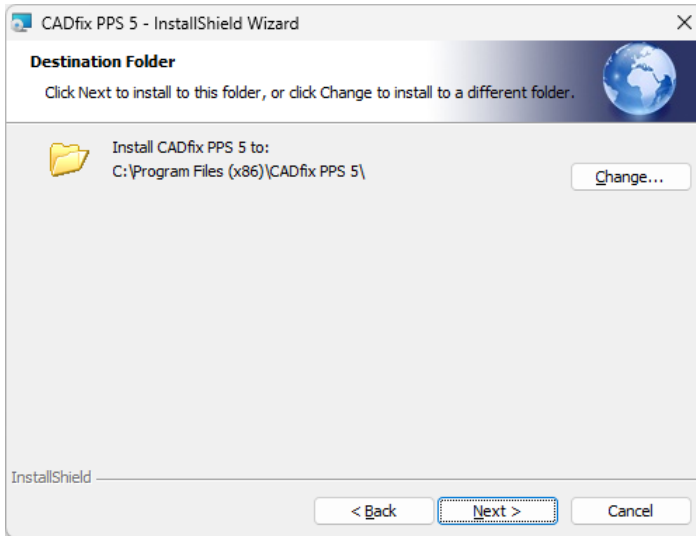
a) 'Change…' allows the selection of a different location for the CADfix installation.
b) **'Next' continues the installation.**
c) 'Back' returns to the 'License agreement' screen.
d) 'Cancel' will stop the installation process.

5) The 'Choose Language' screen allows English or German to be selected as the CADfix display language. - *This selection only applies to the CADfix interface and does not affect these installation screens.*
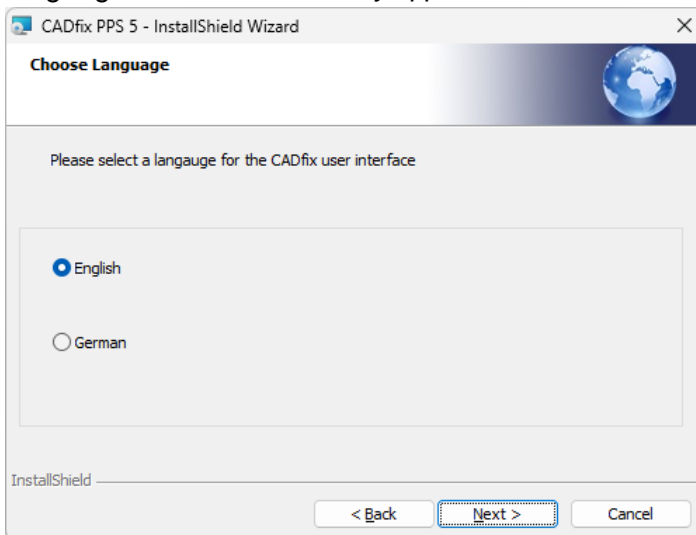
a) **'Next' configures CADfix to use the selected language and continues the installation.**
b) 'Back' returns to the 'Destination Folder' screen.
c) 'Cancel' will stop the installation process.

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2) The 'Ready to Install the Program' screen allows a last chance to change installation options before writing files to disk:
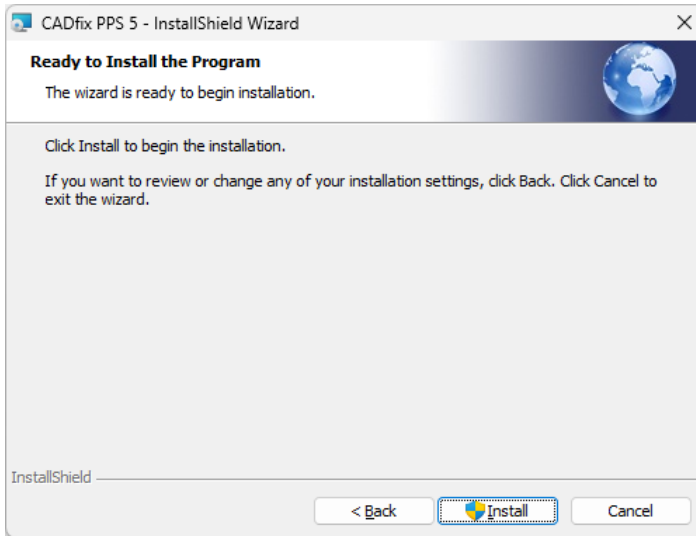
a) **'Next' starts the installation of CADfix using these settings.**
b) 'Back' returns to the 'Choose Language' screen.
c) 'Cancel' will stop the installation process.

3) Windows may ask permission to allow these changes to be made to your computer. This may initially show as a shield on the taskbar ![shield icon].
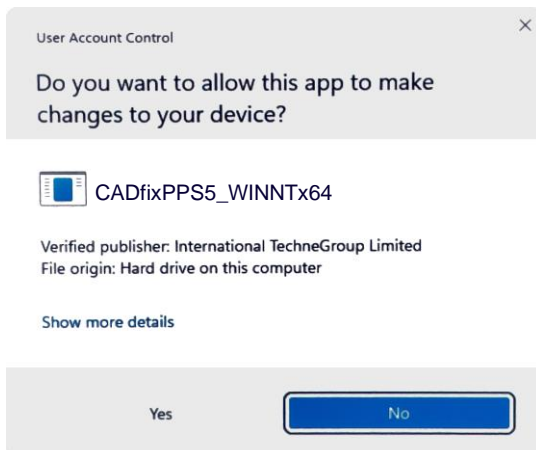
a) **Select 'Yes' to allow the CADfix installer to copy the required files.**
b) Select 'No' to return to the 'Ready to Install the Program' screen.

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4) During the installation of the files a progress bar is displayed:
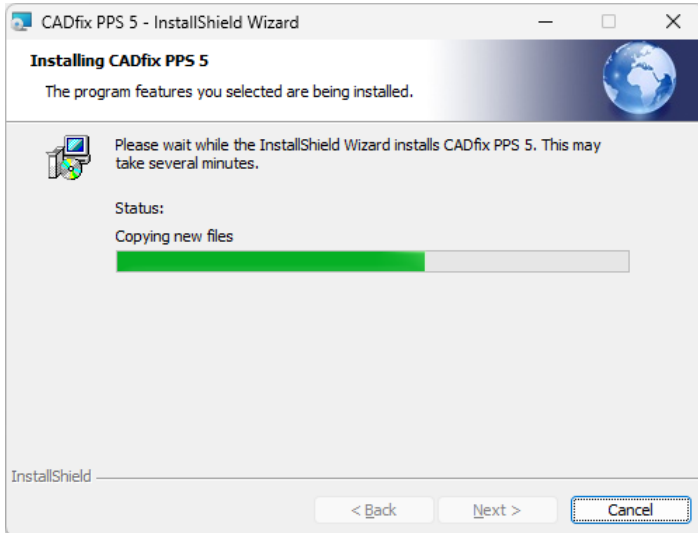
Pressing cancel during this stage will cancel the installation process.

5) When complete, a message is displayed informing you of this.
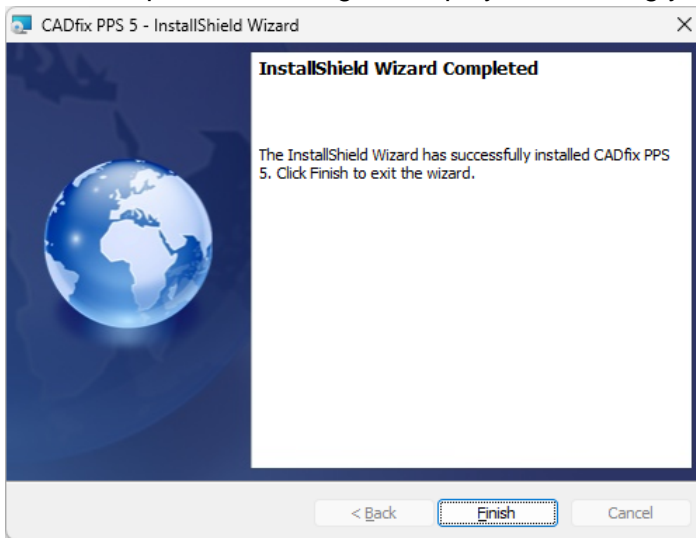
a) Press 'Finish' to close this screen

- A 'CADfix PPS 5' start-up icon should now be displayed on your desktop and in your Windows Start-menu:

Note: Do not attempt to pin the CADfix to the Windows Task Bar. This will cause a startup error.

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3.2. Installing the license service

CADfix utilises FlexNET license services for its license management. If it is needed, and where it is installed will depend on the configuration of your CADfix purchase. Please discuss this with CADfix support if you have any doubts or want further advice.

Evaluation license

The license server is not needed for an evaluation license. To run an evaluation license:
1. Ensure the supplied license file is named 'cadfix.dat'.
2. Copy cadfix.dat to the CADfix lic folder.
    e.g. "C:\Program Files (x86)\CADfix PPS 5\lic\"

Single node-locked

When a license manager is required on the same computer as the CADfix application, the license manager can be run from within the CADfix installation. Alternatively, the license manager can be installed in a non-version specific location to avoid reconfiguration during subsequent upgrades (see 'Network (floating), or multiple node-locked' below).

Network (floating), or multiple node-locked

To install the license manager software as a server there are three options available:
- Install a full CADfix installation on the server. This will include the full FlexNET license server.
- Download the license server installation package (www.cadfix.eu/13LIC/).
  The installation procedure is the same as the full CADfix installation and is therefore not repeated here.
- Copy the lic folder from a CADfix installation onto the server at a static location where it can be run (e.g. "C:\Program Files (x86)\CADfix license\").

It is good to install the CADfix license in a non-version specific location to avoid reconfiguration during subsequent upgrades of CADfix.

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3.3. Configuring the license manager

This configuration process shown here uses the FlexNET graphical user interface to configure Windows services. The process can also be completed at the command-line and this process can be requested from CADfix support.

1. Using the file browser, open the CADfix license server installation folder.
   This folder contains: lmtools.exe, lmutil.exe, lmgrd.exe, and itiohio.exe
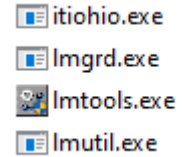
2. Place a copy of the license file (cadfix.dat) into this installation folder.
   This is a text file containing: your license information, details of the license server, and information about which computers can run CADfix. This may be supplied to you with a different name and will therefore need renaming to 'cadfix.dat'.

3. Right-click on lmtools.exe and select 'Run as administrator' to start the License manager interface tool.
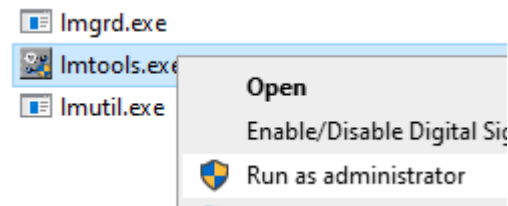
4. If the User Account Control dialogue box appears, click 'Yes' to allow 'LMTOOLS Utility' to run.

5. When LMTOOLS starts, open the 'Service/License File' tab, and select 'Configuration using Services':

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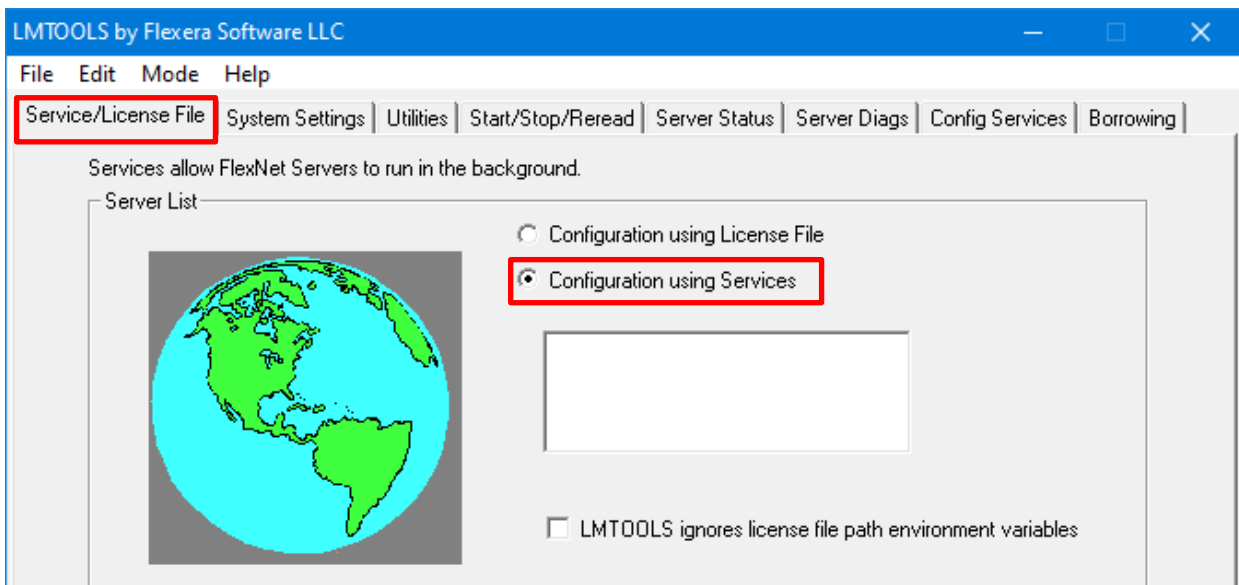
6. Open the 'Config Services' tab and set the values:

'Service Name' = "CADfix License" (Type this directly into the box)

'Path to lmgrd.exe file' = Browse and select the lmgrd.exe file in the license installation folder.

'Path to license file' = Browse and select the cadfix.dat file in the license installation folder. (You will need to change the file filter in the dialogue box from '*.lic' to '*.dat' before you can see this file.)

'Path to the debug log file' = Browse to the license installation folder and type in "cadfix.log" to create a new log file using this name.

'Use Services' = ✓

'Start Server at Power Up' = ✓
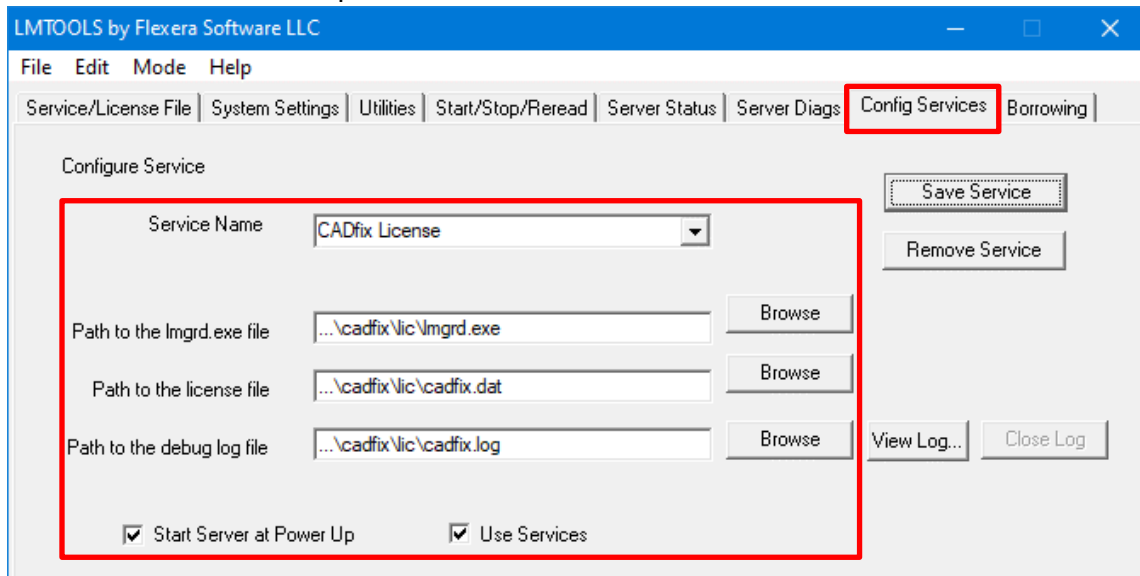
7. Press 'Save Services'

The Windows Services tool should now show the 'CADfix License' service as not started:

8. Open the LMTOOLS 'Start/Stop/Reread' tab, select 'CADfix License', and press the 'Start Server' button.
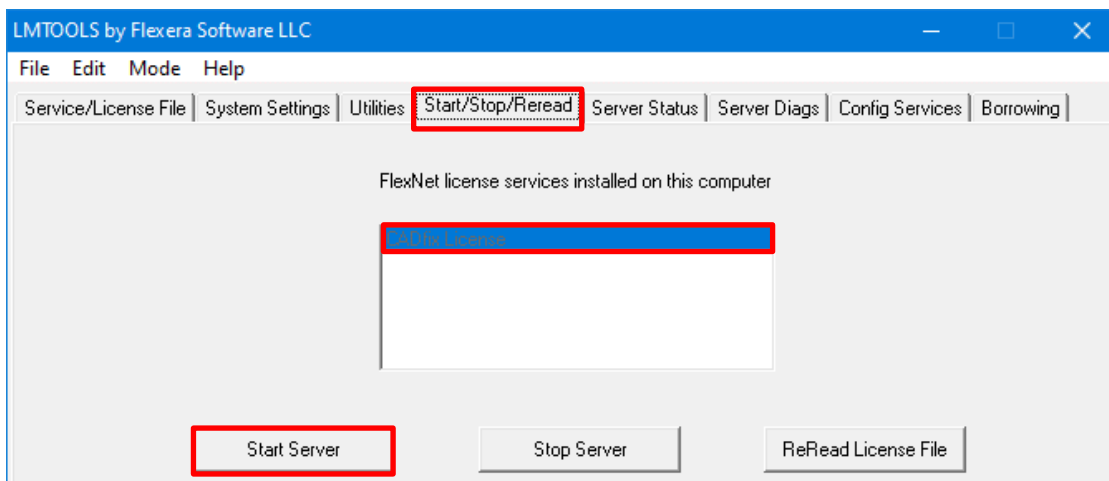
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- The message at the bottom of the 'Start/Stop/Reread' tab should now say the service has started:

Server Start Successful.

- The Windows Services tool should now show the 'CADfix License' service as running:

Name	Description	Status	Startup Type	Log On As
CADfix License		Running	Automatic (D...	Local Syste...

If the license service will not start, then see License service not starting below.

9. The LMTools utility program can now be exited (File → Exit).

Note: If the 'CADfix License' service needs to be stopped/started/restarted, then this can be done via the LMTOOLS 'Start/Stop/Reread' tab, or via the Windows Services tool. Alternatively, this can be done using the Windows Services app – See CADfix license services.

3.4. License service not starting

If the license service will not start, then this may be due to local administration rights. To overcome this:

1. Start the Windows Services tool and Right-click on the service 'CADfix license'.

2. Select Properties.

3. Change "log on as" from 'This account' to 'Local System account'

4. Restart the license service.

5. If the license service still does not start, then contact CADfix support for further help.

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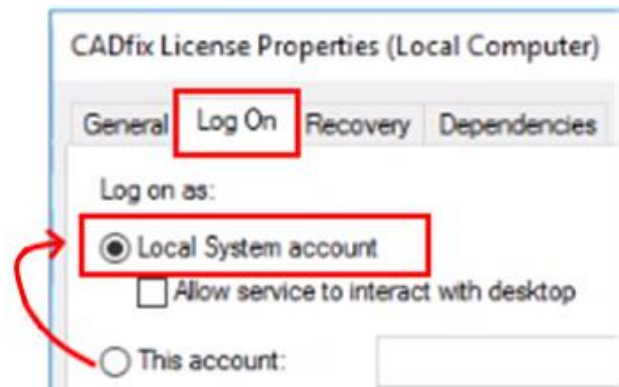
3.5. Recording License server information

During the configuration of the CADfix License (section 3.3.6) a 'Path to the debug log file' was specified (e.g."C:\Program Files (x86)\CADfix\lic\cadfix.log"). This log file contains the license server's configuration and license activities.

Open the log file with a text editor then find and record the following information:

FLEXnet version number:	....
Server network name or IP address:	....
License file name and path:	....
Lmgrd (license manager daemon) port number:	....
Itiohio (vendor daemon) port number:	....
Itiohio (vendor daemon) version number:	....

Method of linking to license server: ☐ Local license   ☐ Short license   ☐ Environment variable

The following is an extract from a cadfix.log file with this key information highlighted:

```
…
17:10:51 (lmgrd) Server's System Date and Time: Thu Oct 01 2020 17:10:51 GMT Summer Time
17:10:51 (lmgrd) pid 5712
17:10:51 (lmgrd) SLOG: Summary LOG statistics is enabled.
17:10:51 (lmgrd) Detecting other license server manager (lmgrd) processes...
17:10:54 (lmgrd) Done rereading
17:10:54 (lmgrd) FlexNet Licensing v11.16.4.0 build 252457 x64_n6) started on olympus (IBM PC) (10/1/2020)
17:10:54 (lmgrd) Copyright (c) 1988-2019 Flexera. All Rights Reserved.
17:10:54 (lmgrd) World Wide Web:  http://www.flexerasoftware.com
17:10:54 (lmgrd) License file(s): C:\Program Files (x86)\CADfix License\cadfix.dat
17:10:54 (lmgrd) lmgrd tcp-port 27000
17:10:54 (lmgrd) (@lmgrd-SLOG@) ==========                      =============
…
…
17:10:54 (lmgrd) itiohio using TCP-port 62406
17:10:54 (itiohio) SLOG: Statistics Log Frequency is 240 minute(s).
17:10:54 (itiohio) SLOG: TS update poll interval is 600 seconds.
17:10:54 (itiohio) SLOG: Activation borrow reclaim percentage is 0.
17:10:54 (itiohio) (@itiohio-SLOG@) ================================================
17:10:54 (itiohio) (@itiohio-SLOG@) === Vendor Daemon ===
17:10:54 (itiohio) (@itiohio-SLOG@) Vendor daemon: itiohio
17:10:54 (itiohio) (@itiohio-SLOG@) Start-Date: Thu Oct 01 2020 17:10:54 GMT Summer Time
17:10:54 (itiohio) (@itiohio-SLOG@) PID: 11836
17:10:54 (itiohio) (@itiohio-SLOG@) VD Version v11.16.4.0 build 252457 x64_n6 ( build 252457 (ipv6))
17:10:54 (itiohio) (@itiohio-SLOG@)
…
…
```

Labels in the extract:
- FlexNET version number
- Server network name or IP address
- License file name and path
- Lmgrd port number
- Itiohio port number
- Itiohio version number

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3.6. Linking CADfix to the license

To allow CADfix to start, it needs to link to a valid license, and there are three options for this:

When you have configured your installation, record which method you used on the form in section 3.5.

Evaluation license

Single node-locked

3.6.1. Local license file

Check the license file has been copied into the client's local "[CADfix installation]\lic" folder. (This should have already been done in section 3.2)

Network (floating), or multiple node-locked

3.6.2. Environmental variable

An environmental variable can be set up for each user, this tells CADfix how to contact the server:

    CADFIX_KEY=[lmgrd port]@[server name]

 e.g.

    CADFIX_KEY=32768@mainland

The actual values used in this variable can be found in the license server log file.

3.6.3. Cut-down license file

A 'cut-down license file' can be used as an alternate method of connecting CADfix to the license server. For further help with this, please contact CADfix support.

3.6.4. License connection errors

If an error occurs when CADfix is trying to communicate with the license server, then a 'FlexNET license finder' error will be displayed. – Cancel this error.

This will then be followed with a 'Fatal error' message which will show the full error text – take a screenshot of this so you can share it with CADfix support.

Following an installation, the biggest cause of license errors is because a firewall has blocked communications on ports that are being used by the license server. These port numbers are shown in the license log file (see 'lmgrd port number' and 'itiohio port number' in previous section).

1. The CADfix license server needs firewall exceptions to allow inbound communications on the 'lmgrd' and 'itiohio' ports.
2. CADfix client machine (running CADfix) should not need any exceptions to its firewall.

For further support on licensing problems, please contact CADfix support.

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4. Updating CADfix

4.1. Updating your CADfix installation

As part of the Maintenance, Enhancements, and Support (ME&S) package, you will be offered an upgrade for your CADfix. For most CADfix releases, the license manager will remain unchanged, and will therefore not need upgrading. If the license manager does need upgrading, then this will be highlighted in the "What's new…" release document.

Service packs are supplied with their own installation instructions.

Evaluation license

If you are using an evaluation license of CADfix, then you will just need to uninstall your current CADfix installation and then install the newer version. – see Installing CADfix

Single node-locked

If you are using a node-locked license where the license server is part of the CADfix installation you are using, then:

Recommended
1) Pause the license service – See CADfix license services.
2) (Optionally) uninstall your existing CADfix installation (this will also uninstall the license server files)
3) Install the new version of CADfix – See Installing CADfix
4) Configure the license services using this new installation – See Configuring the license manager

Alternatively follow the procedure for 'Floating and Multi-seat node-locked licenses' to reconfigure CADfix to get its license from the license server in the older installation. If the FlexNET licensing service has been updated in the new release, then this license server will also need updating - Contact CADfix support for more information.

Network (floating), or multiple node-locked

1) (Optionally) uninstall your existing CADfix installation.
2) Install the new CADfix installation – See Installing CADfix
3) Link CADfix to license server if needed. If the variable 'CADFIX_KEY' has been used here, then this step is not needed – See Linking CADfix to the license
4) If the license manager needs updating, then see Upgrading FlexNET license service files

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4.2. Updating your CADfix license file

Periodically the license file you have been provided with will expire. If this happens and you have not yet received an updated file, then contact your CADfix supplier.

Evaluation license

If you are using an evaluation licence, then:

a) Make sure CADfix is not running.

b) Copy the new license file into "CADfix PPS 5\lic". - Any existing license file can be overwritten.

c) Restart CADfix, and it will automatically read this new license file.

d) Once started, go to the pull-down menu 'Help' → 'About CADfix'. This dialogue will show the modules that are licences, and the new license expiration date.

Single node-locked

If you are using a node-locked license and running through a license file that is part of your CADfix installation, then:

a) Make sure CADfix is not running.

b) Copy the new license file into "CADfix PPS 5\lic". - Any existing license file can be overwritten.

c) Restart the FlexNET services – See CADfix license services.

d) Restart CADfix and it will automatically read this new license file.

e) Once started, go to the pull-down menu 'Help' → 'About CADfix'. This dialogue will show the modules that are licences, and the new license expiration date.

Network (floating), or multiple node-locked

If you are using a floating license as part of your CADfix installation, then:

a) Make sure CADfix is not running.

b) Copy the new license file into "CADfix PPS 5\lic". - Any existing license file can be overwritten.

c) Restart the FlexNET services – See CADfix license services.

d) If you have linked your CADfix installation to the license service using a full license file, then copy the new license file into the "CADfix PPS 5\lic" folder on the local CADfix client machine.

e) Restart CADfix and it will automatically read this new license file.

f) Once started, go to the pull-down menu 'Help' → 'About CADfix'. This dialogue will show the modules that are licences, and the new license expiration date.

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4.3. CADfix license services

1) Start the Windows Services App.

2) Scroll down and select the "CADfix License" service. – Be aware that this service may have been named differently during the initial CADfix installation.
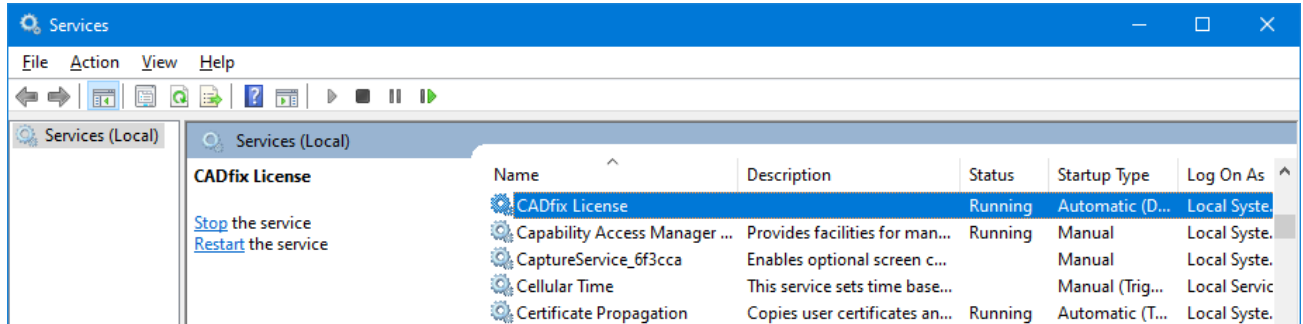
3) The Action dropdown menu provides options to Start, Stop, Pause, Resume, and Restart the license service. Some of these options will be greyed out depending on the service's current status.
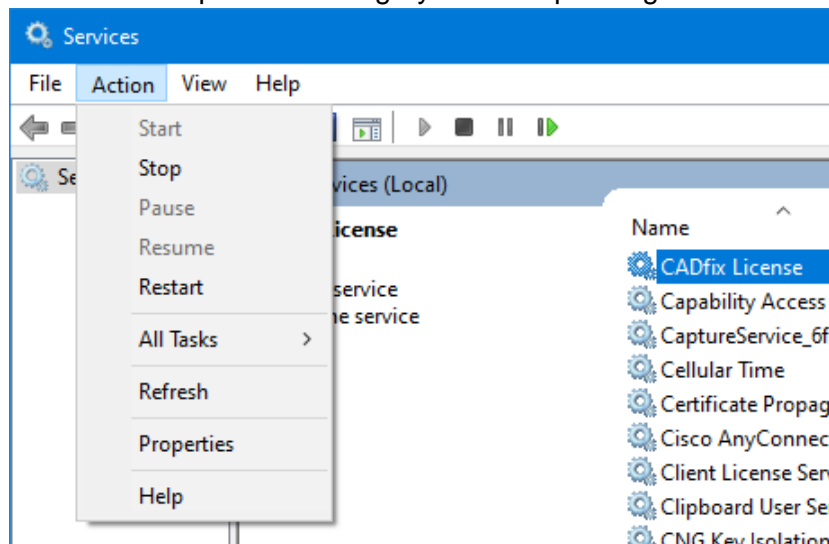
4.4. Upgrading FlexNET license service files

1) Pause the license service – See CADfix license services.

2) Copy new FlexNET license service files into the lic folder to replace the existing ones.
The list of files include: lmtools.exe, lmutil.exe, lmgrd.exe, and itiohio.exe

3) Check you have the latest license file in the "CADfix PPS 5\lic" folder. This should have an expiration date after today, and be valid to operate with this version of CADfix. – Speak to CADfix support to verify this.

4) Restart the license service – See CADfix license services.

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4.5. Changing the display language

The CADfix interface language is set during the installation by creating a System Environment Variable. e.g.

```
CADFIX_LANGUAGE=English
```

To change the display language, set the CADFIX_LANGUAGE variable to "English" or "German".

- If the CADFIX_LANGUAGE environment variable is deleted or is not set to a valid value, then CADfix will default to using English.
- If CADFIX_LANGUAGE is also set up as a User Environment Variable, this value will override the System Environment Variable.

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Appendix: Error messages

Any code examples in the following explanations uses example settings. Review your own settings to identify your specific values for these examples – See Recording License server information.

1. CADfix errors

### 1.1. Authorisation key file does not exist.
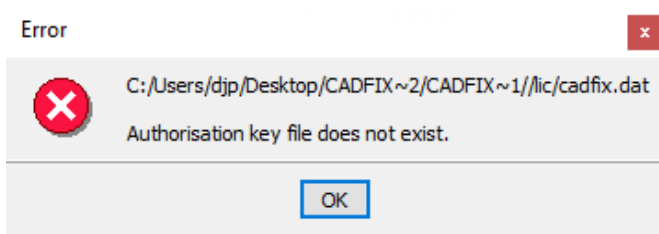
CADfix cannot locate the license file.
If using a license file, then copy the license file to the location shown in the error message: "[CADfix installation]\lic\cadfix.dat" – See Local license file

Alternatively, set the CADfix_KEY environmental variable to point to the license files location or the license service address. e.g. – See Environmental variable

- The default location of the license for all CADfix versions (including evaluation licenses) is the lic folder in the CADfix installation directory. e.g. c:\Program Files (x86)\CADfix 12 DX\lic
- The license file should be named cadfix.dat
- If the CADfix_KEY environmental variable is used to locate a license server, then its values must match those in the license server log file.

1.2. Can't find a usable init.tcl in the following directories.
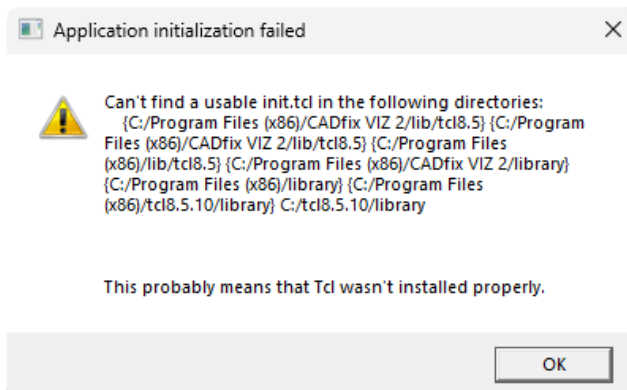
This error usually occurs when CADfix has been pinned to the Windows taskbar - This action is not supported.
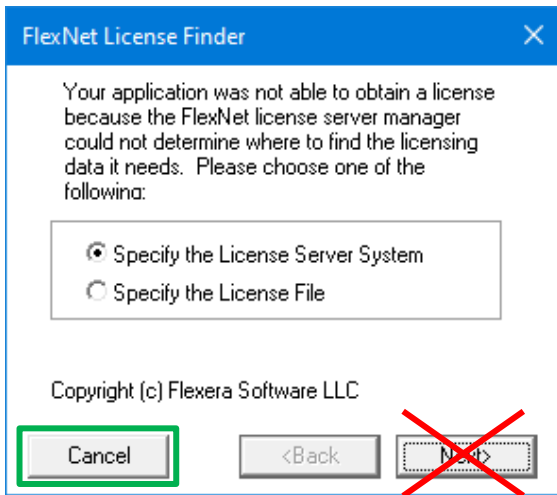
The user should either start CADfix from the Windows Start menu, or set up a desktop shortcut to the "..\CADfix\startCADfix.bat" file.
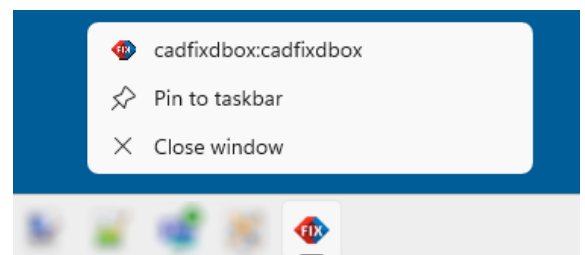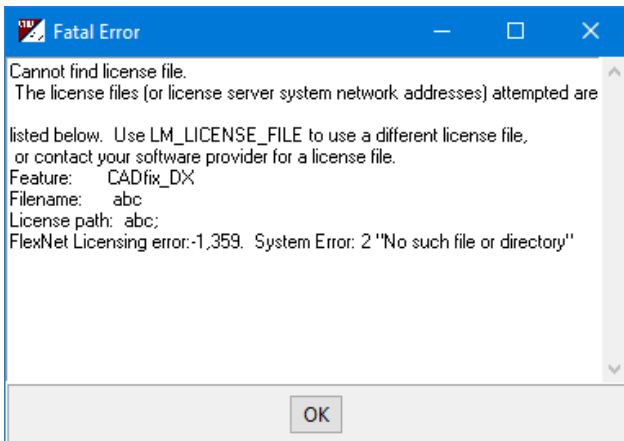

Public

2. FlexNET errors

If a licensing error occurs, the following error message will be displayed.

To diagnose the problem, press the 'Cancel' button, and a further dialogue will be displayed containing the relevant error message.
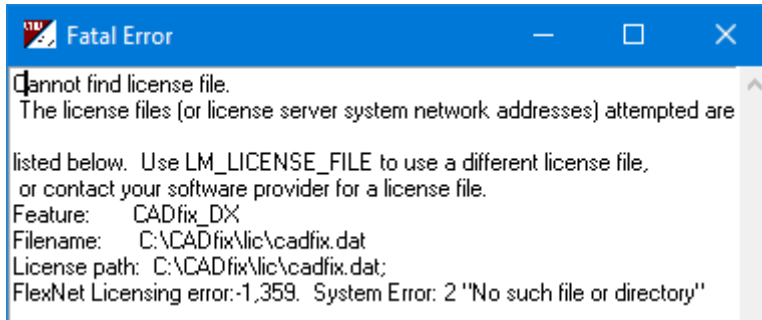
The start of the message starts with a description of the problem and the 'FlexNet Licensing error' on the bottom line.

Record the 'FlexNet Licensing error', or take a screenshot to send to CADfix support.

If available, you will also need a copy of the license log file. See Recording License server information
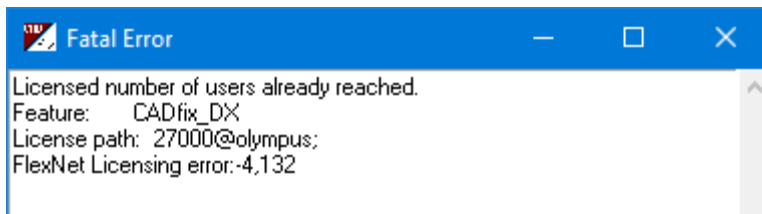
2.1. Cannot find license file (error:-1,xxx)

CADfix cannot locate the license file or the details for connect to the license server. The locations where it is looking in are shown in the error message.

See error Authorisation key file does not exist..

2.2. Licenced number of users already reached (error:-4,xxx)

There are too many CADfix sessions being run. Someone must close CADfix before another feature (named in the message) can be used. It may be that: a user has started CADfix and left it running, a batch script may be running CADfix, or a license has been locked out following a crash.
The license should be freed automatically 15 minutes after a crash.

Use the command "lmutil lmstat" command to identify who is using CADfix, and arrange for one of the users to close CADfix:

```
cd C:\Program Files (x86)\CADfix\lic
lmutil lmstat -c 12345@server -A"
or
lmutil lmstat -c C:\CADfix\lic\cadfix.dat -A"
```

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2.3. No such feature exists (error:-5,xxx)

```
Fatal Error                                    —    □    ×
No such feature exists.
Feature:     CADfix_DX
License path:  27000@olympus;
FlexNet Licensing error:-5,147
```
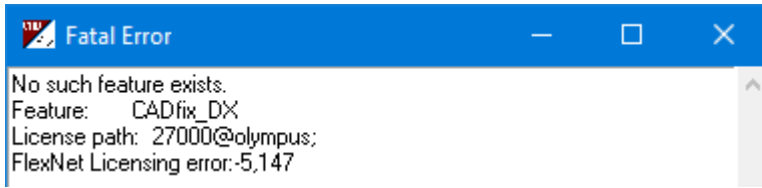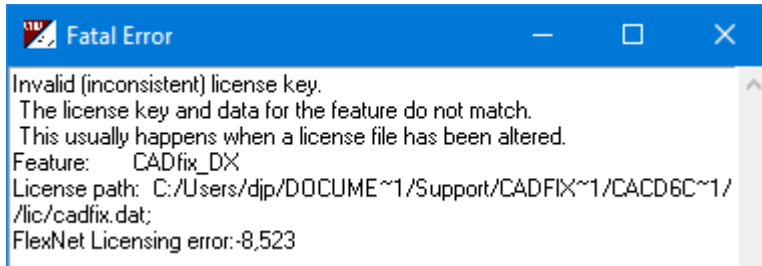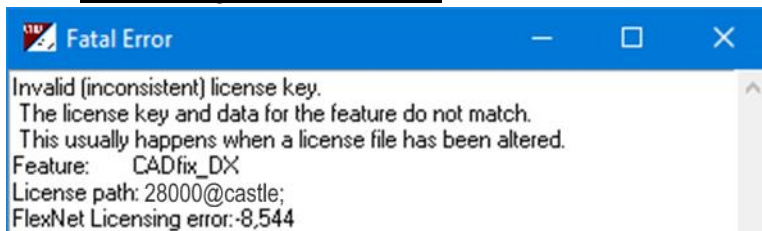
A license is found, but the feature you are trying to use does not exist in the license or cannot be used due to an encoding error. - Please contact CADfix support to verify your modules and check your license file.

2.4. Invalid (inconsistent) license key (error:-8,xxx)

1. Error using local license file:

```
Fatal Error                                    —    □    ×
Invalid (inconsistent) license key.
 The license key and data for the feature do not match.
 This usually happens when a license file has been altered.
Feature:     CADfix_DX
License path:  C:/Users/djp/DOCUME~1/Support/CADFIX~1/CACD6C~1/
/lic/cadfix.dat;
FlexNet Licensing error:-8,523
```

2. Error when using a license server:

```
Fatal Error                                    —    □    ×
Invalid (inconsistent) license key.
 The license key and data for the feature do not match.
 This usually happens when a license file has been altered.
Feature:     CADfix_DX
License path: 28000@castle;
FlexNet Licensing error:-8,544
```

An inconsistency has been detected with the license encryption. Please get the license file checked by CADfix support.

With a license server, this is also caused when the vendor daemon (itiohio) is not reachable. This may be the vendor daemon's port is blocked. – License connection errors
Ensure the port is available and is explicitly opened as an exception in the server's firewall (see "Port and Firewall settings").

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2.5. Invalid host (error:-9,xxx)
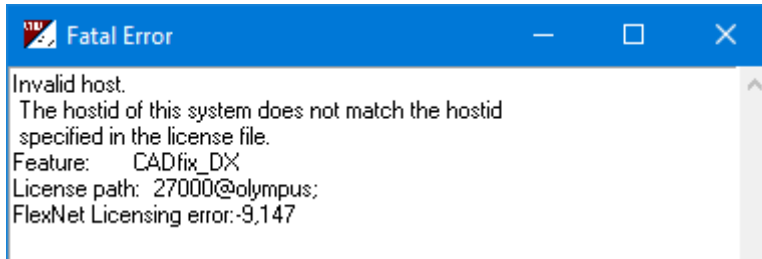
The workstation attempting to run CADfix does not match the allowed list of clients in the license file. Either the computer's IP address is not in the license, or the mac address does not explicitly match. If you are running CADfix from a remote computer, then this may change the credentials being used.

Either: move CADfix onto a valid CADfix client or contact CADfix to discuss your license options.
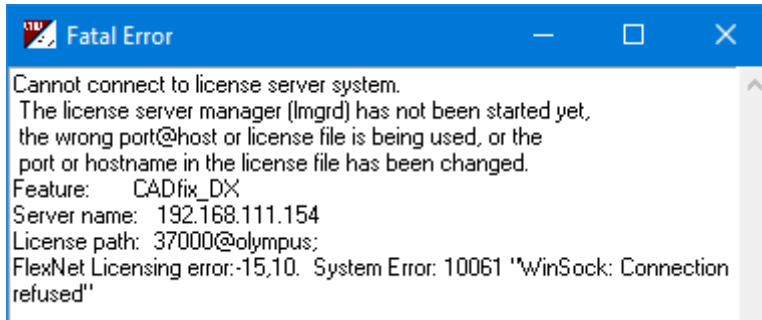
2.6. Invalid return data (error:-12,16)
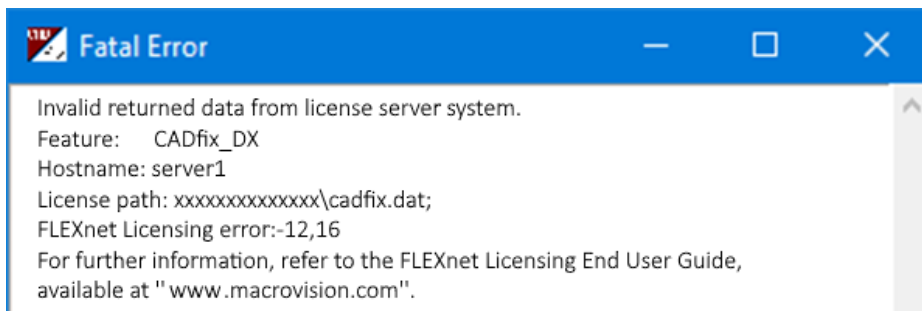
In the only case where I have seen this error, all FEATUREs in license file had expired. - This was stated in the license log file.
No other user activity was shown in the license log.

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2.7. Cannot connect to server system (error:-15,xxx)

CADfix has details to connect to the license server (either from a local license file, or CADFIX_KEY), but it is not getting a response.
It may be that:

1) The wrong license server details are being used in CADFIX_KEY, or an old license file is in the \lic folder.
2) The license server services may not be running.
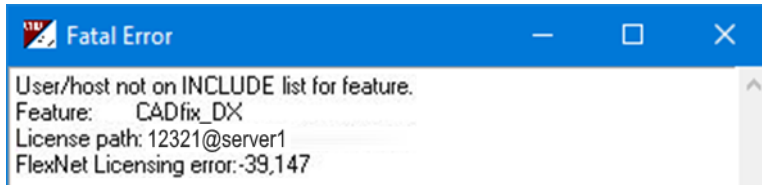3) Communications to the server may be blocked by a firewall.

Verify details of point 2 and 3 in the license server's log file.

2.8. License server does not support this version of this feature. (error:-25,xxx)

The user is trying start up a newer version of CADfix than is allowed by the license file.
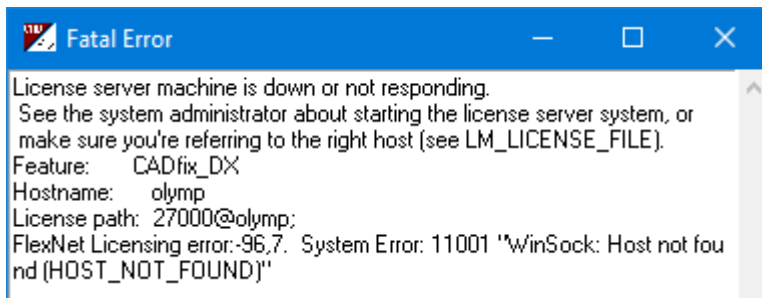E.g. the license is for 12.0 and they are trying to start 13.0 .

Public

2.9. User/host not on INCLUDE list for feature. (error:-39,xxx)

```
Fatal Error                                    —    □    ✕

User/host not on INCLUDE list for feature.
Feature:      CADfix_DX
License path: 12321@server1
FlexNet Licensing error:-39,147
```

An option file is in use to define a user list. The users are not found in this list because:
1) Their name has not been added to the list.
2) An error occurs in the list (e.g. too many characters in the list's line)

2.10. License server machine is down or not responding (error:-96,xxx)

```
Fatal Error                                    —    □    ✕

License server machine is down or not responding.
 See the system administrator about starting the license server system, or
 make sure you're referring to the right host (see LM_LICENSE_FILE).
Feature:      CADfix_DX
Hostname:     olymp
License path:  27000@olymp;
FlexNet Licensing error:-96,7.  System Error: 11001 "WinSock: Host not fou
nd (HOST_NOT_FOUND)"
```
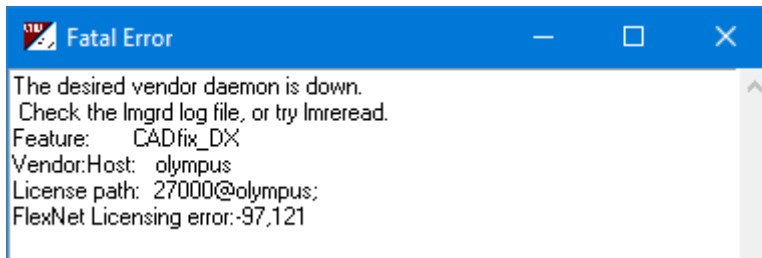
The CADFIX_KEY or local copy of the license file references the license server by name, but it cannot be contacted.
It may be:
1) The license server is down.
2) The server may not be reachable by this name and should be replaced by another name or IP address.
3) Or the wrong license file is being used.

2.11. The desired vendor daemon is down (error:-97,xxx)

```
Fatal Error                                    —    □    ✕

The desired vendor daemon is down.
 Check the lmgrd log file, or try lmreread.
Feature:      CADfix_DX
Vendor:Host:   olympus
License path:  27000@olympus;
FlexNet Licensing error:-97,121
```

The vendor daemon (itiohio) is not running. This is because the daemon will not start, or communication to it is being blocked (possibly by a firewall).
Check the license log file to see if it is still running.
If the itiohio daemon is running, check there are no firewalls blocking the port number it is using.

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2.12. Cannot checkout an uncounted license within a Windows Terminal Services… (error:-103,xxx)
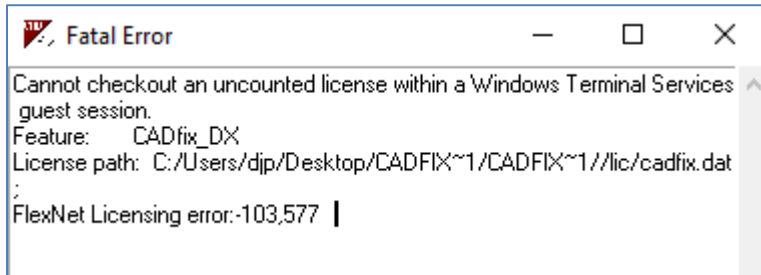
The user is accessing a CADfix client machine via Terminal Services to run CADfix. The CADfix license is node locked to only allows CADfix use on the client machine, not the display computer where the user is located.
Either: the user must work directly on the licensed CADfix client or contact CADfix to discuss your license options.

2.13. FlexNET Licensing Error (error:-140,148)
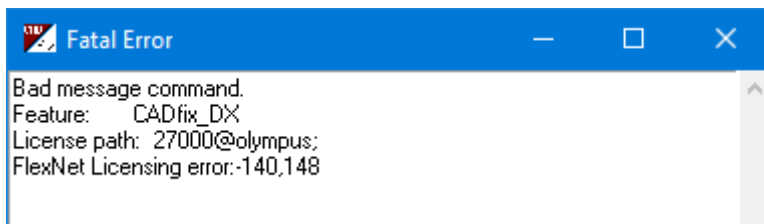
The license server is using an older version of FlexNET than the version of CADfix being run. Upgrade the license server to match the version of CADfix being used (or later).

2.14. Invalid licensing for this product
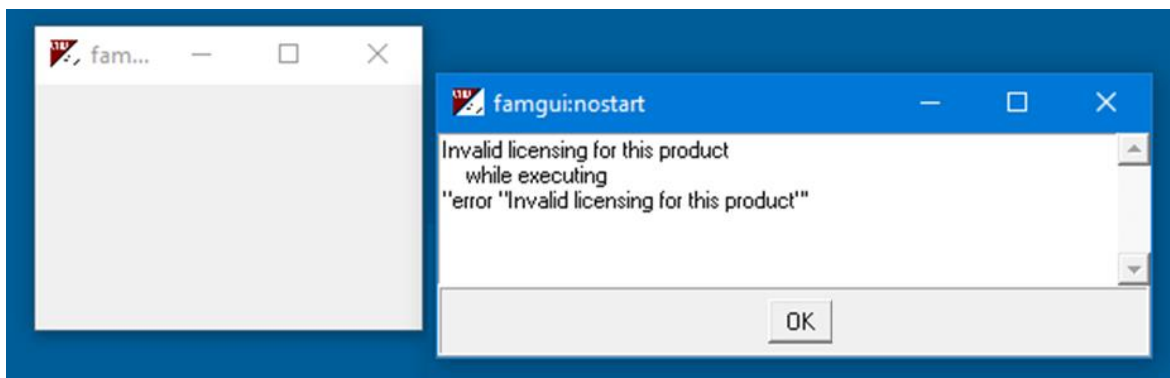
The CADfix startup settings are wrong. - Please contact CADfix support to verify your installation.

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