

# FAD TOOLS

Installation Manual

2024





## 1. Instructions to Install FAD.

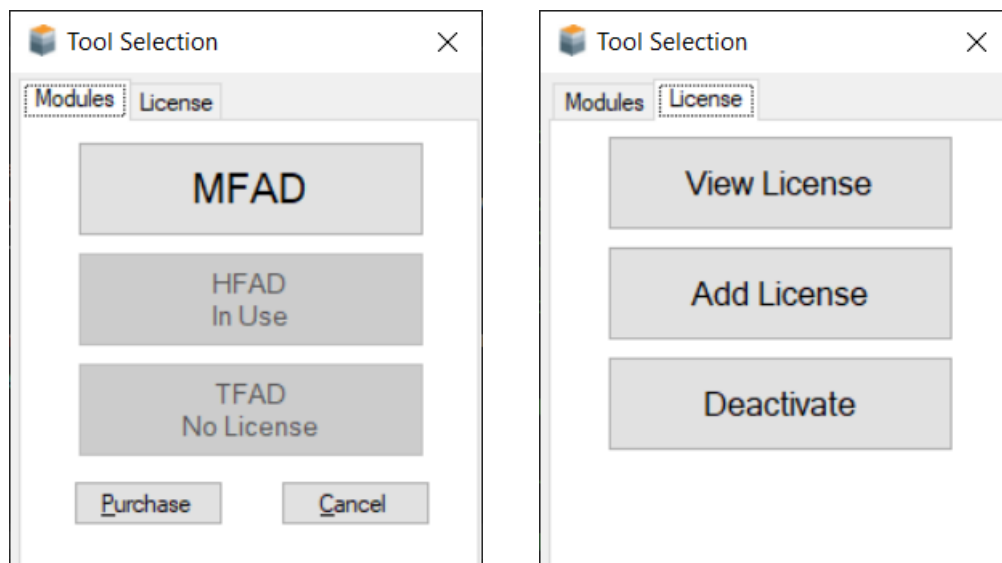
Using the physical USB key (sent by mail), follow the steps below to install FAD:

- Download the installer from this link:  
[https://www.fadtools.com/Installers/FAD\\_5\\_2\\_2\\_Setup\\_Service\\_Pack\\_6.zip](https://www.fadtools.com/Installers/FAD_5_2_2_Setup_Service_Pack_6.zip).
- Unzip the file and run the installation wizard by clicking on setup.exe.
- Follow the installation wizard instructions.

## 2. Configuring the Licenses.

Launch FAD from the desktop or windows start menu and the Tool Selection windows shown in Figure 2.1 should appear with two tabs. The "Modules" tab will show three buttons, one per tool (i.e. MFAD, HFAD, TFAD). Tools with valid licenses installed will be available, otherwise, the boxes will gray out as shown in Figure 2.1 (e.g., "In Use", "No License", etc.). More details about the licenses is available by clicking "View Licenses" button under the "License" tab.

New licenses can be purchased via FAD e-commerce by clicking "Modules/Purchase" and then clicking "add the license" as explained below.



**Figure 2.1**  
**FAD Tools Selection Window**

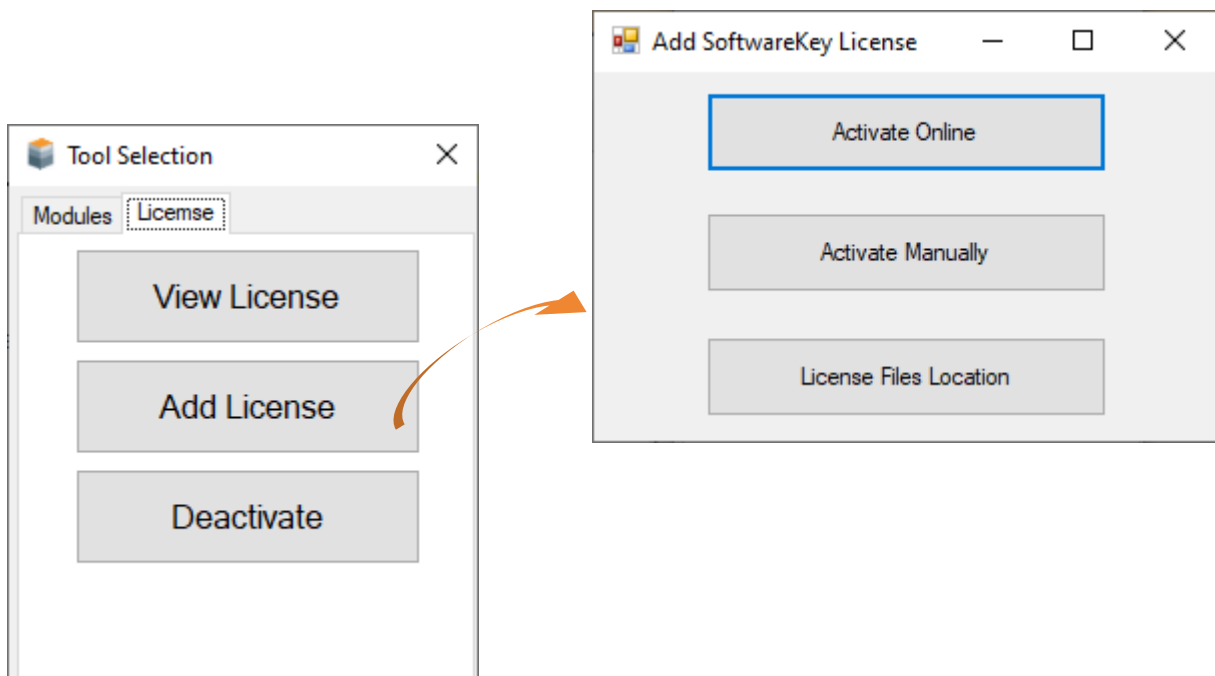
### *One time License activation*

Both PC and Cloud licenses need to be activated when used for the first time. This is a one-time process; the steps are summarized below.

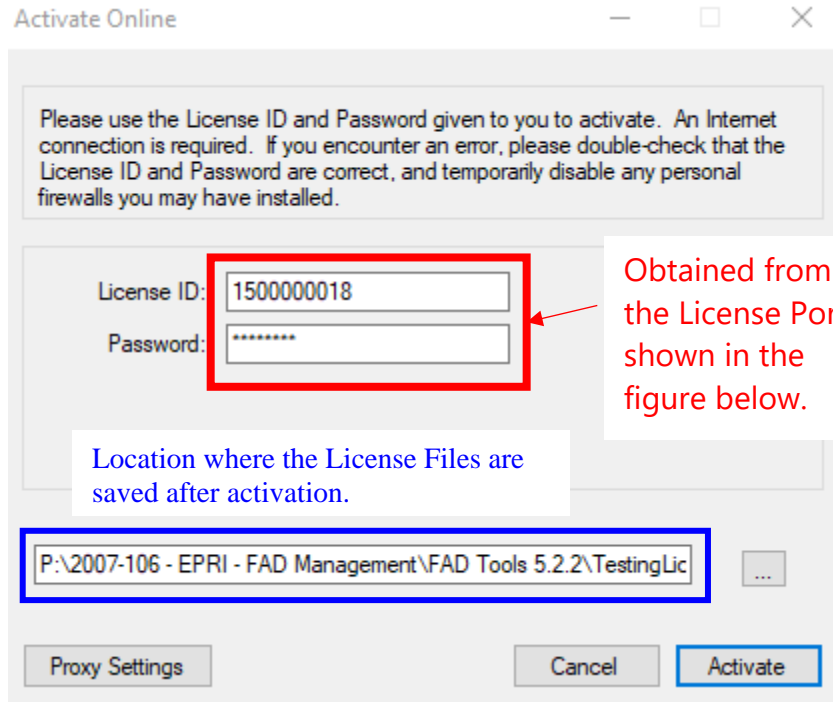
Online activation is the easiest and quickest way to add a license to FAD applying the following steps:

- Under the "Tool Selection" form, "License" tab, click on "Add License", and then on "Activate Online" (see Figure 2.2).
- Obtain your License ID and Password from the License Portal (see Figure 2.4) and introduce it on "Activate Online" form (see Figure 2.3).
- If successful, message shown in Figure 2.5 should come up.

Note that this option is available when a stable internet connection and full access to our server (i.e. no firewall blocking the connection) are available. If connection to the FAD server is not feasible or stable, offline activation can be conducted as presented in Appendix A.



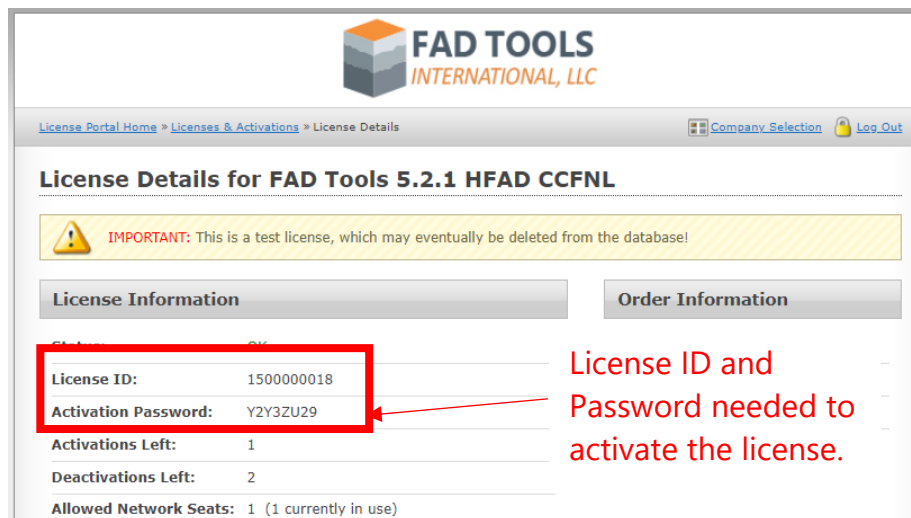
**Figure 2.2**  
**FAD Options to add Licenses**



Location where the License Files are saved after activation.

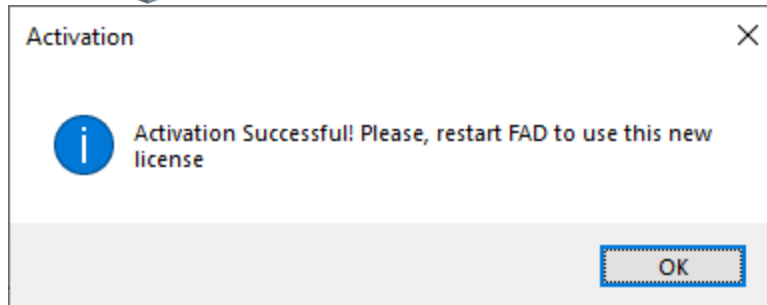
Obtained from the License Portal shown in the figure below.

**Figure 2.3**  
**Online Activation of Licenses**



License ID and Password needed to activate the license.

**Figure 2.4**  
**License Portal**



**Figure 2.5**  
**Successful activation**

*Setting up a Cloud License in other computers after activation.*

The process described in the previous section activates and sets up the cloud license in the computer where the activation is performed. To use the cloud license in another computer, follow the steps below:

- Copy and paste the License file (\*.lfx) from a computer with the cloud license already set up, or download the file from the License Portal (see Figure 2.6). Appendix B provides details to obtain the license file \*.lfx.
- Specify the new folder location as indicated in Figure 2.7.

This process can be repeated on as many computers as needed.

FAD can be run from any computer hosting a cloud license as long as the number of users connected at the same time does not exceed the number of seats purchased for the license.

*Best practice setting up licenses of more than one module (e.g. MFAD, HFAD, TFAD) on the same computer.*


Each FAD module (MFAD, HFAD, TFAD) has its own license file (\*.lfx). When there is more than one license file in a computer, it is recommended that all the licenses be stored in the same folder otherwise the user will have to point FAD to different folder locations to switch between modules.

**LICENSE PORTAL**

[License Portal Home](#) » [Licenses & Activations](#) » [License Details](#) » Installation History [Company Selection](#) [Log Out](#)

### Installation History

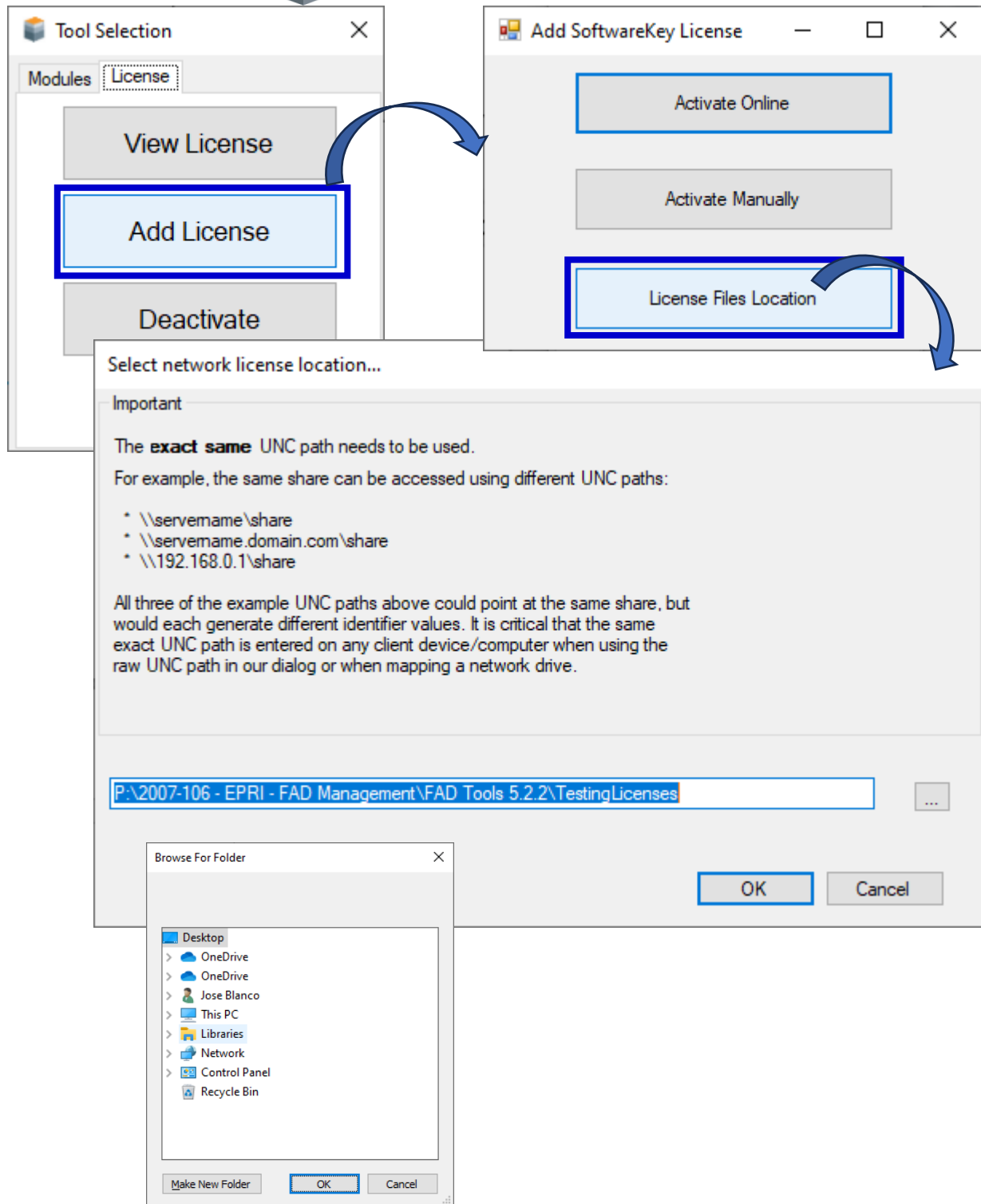
Filter:  All  Active  Deactivated

Installation ID	Status	▼ Activ		
RV5YX-GR3BK-4SYMM-JFK4P-52STC-Z	Active	May 08, 2023	May 09, 2023	 User: jblanco ComputerID : DGAMON-163 <a href="#">Download License File</a>
B3G4K-5M8UA-DJW8M-C34JV-JMPVG-X	Deactivated	May 08, 2023		User: jblanco ComputerID : DGAMON-163
LMSP3-AQT64-2QY9C-SKU2D-G8PAL-X	Deactivated	Apr 19, 2023	May 05, 2023	User: jblanco Path: P:\2007-106 - EPRI - FAD Mana
A3R2P-3NZYM-4PY9V-RVCQV-PX3Y9-3	Deactivated	Apr 19, 2023		Path: P:\2007-106 - EPRI - FAD Management\FAD Tool
8BLGQ-M9WKX-5JWNL-RCKJF-QYRHH-X	Deactivated	Apr 19, 2023		Path: P:\2007-106 - EPRI - FAD Management\FAD Tool
QTA38-KNS7Z-43YEN-SSDJ8-THG4B-S				Path: P:\2007-106 - EPRI - FAD Management\FAD Tool
TVZLA-CUDB6-P7YZV-LY5DS-G49GU-2	Deactivated	Apr 18, 2023		Path: P:\2007-106 - EPRI - FAD Management\FAD Tool
GV3S2-MZGW4-FRW9X-R5YDL-2C6T4-Q	Deactivated	Mar 17, 2023	Apr 12, 2023	
PHG24-C5A3V-GYWYL-49KS6-VWAPH-Q	Deactivated	Feb 18, 2023	Feb 28, 2023	

Click on this link to download the license file.

See details in Appendix B on how to locate this webpage.

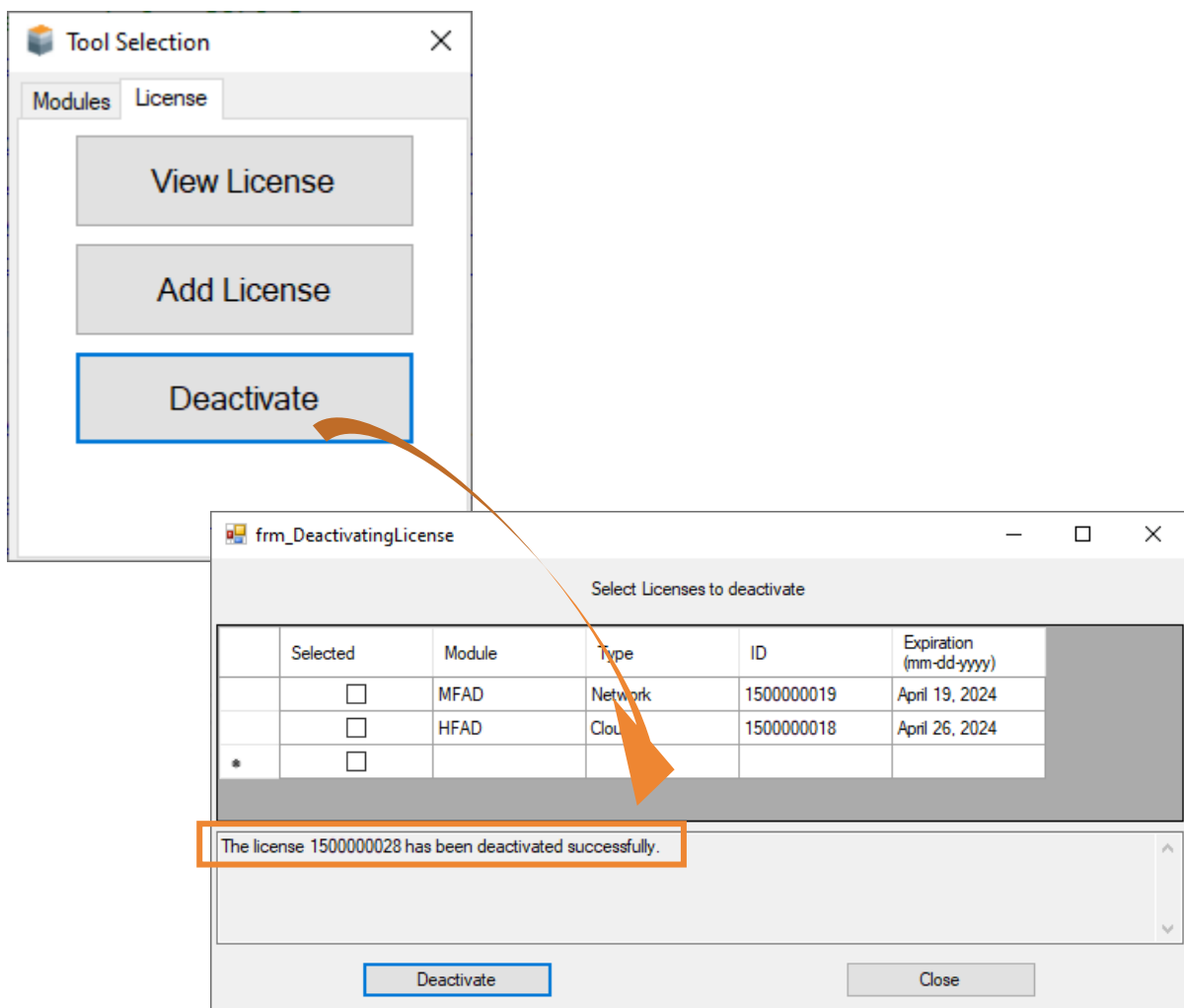
**Figure 2.6**  
**Downloading License File from License Portal**



**Figure 2.7**  
**Saving a new location of the license file in a computer**

*Transferring a PC license to another computer.*

A PC license cannot be installed in more than one computer, but it can be transferred from one computer to another. To do this, first deactivate the license in the computer where it is currently active as shown Figure 2.8. Then activate the license in the new computer repeating the process described under the “One time License activation” section (above).

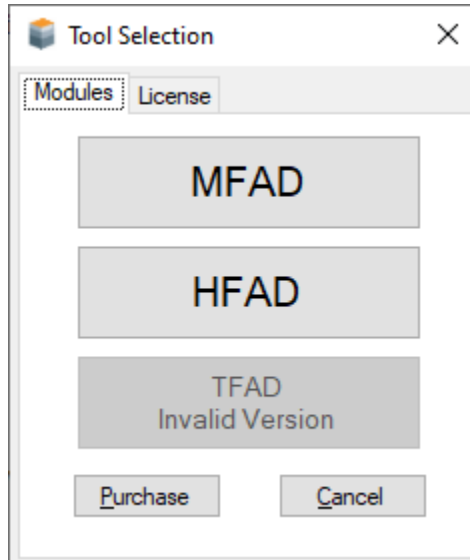


**Figure 2.8**  
**Online Deactivation**

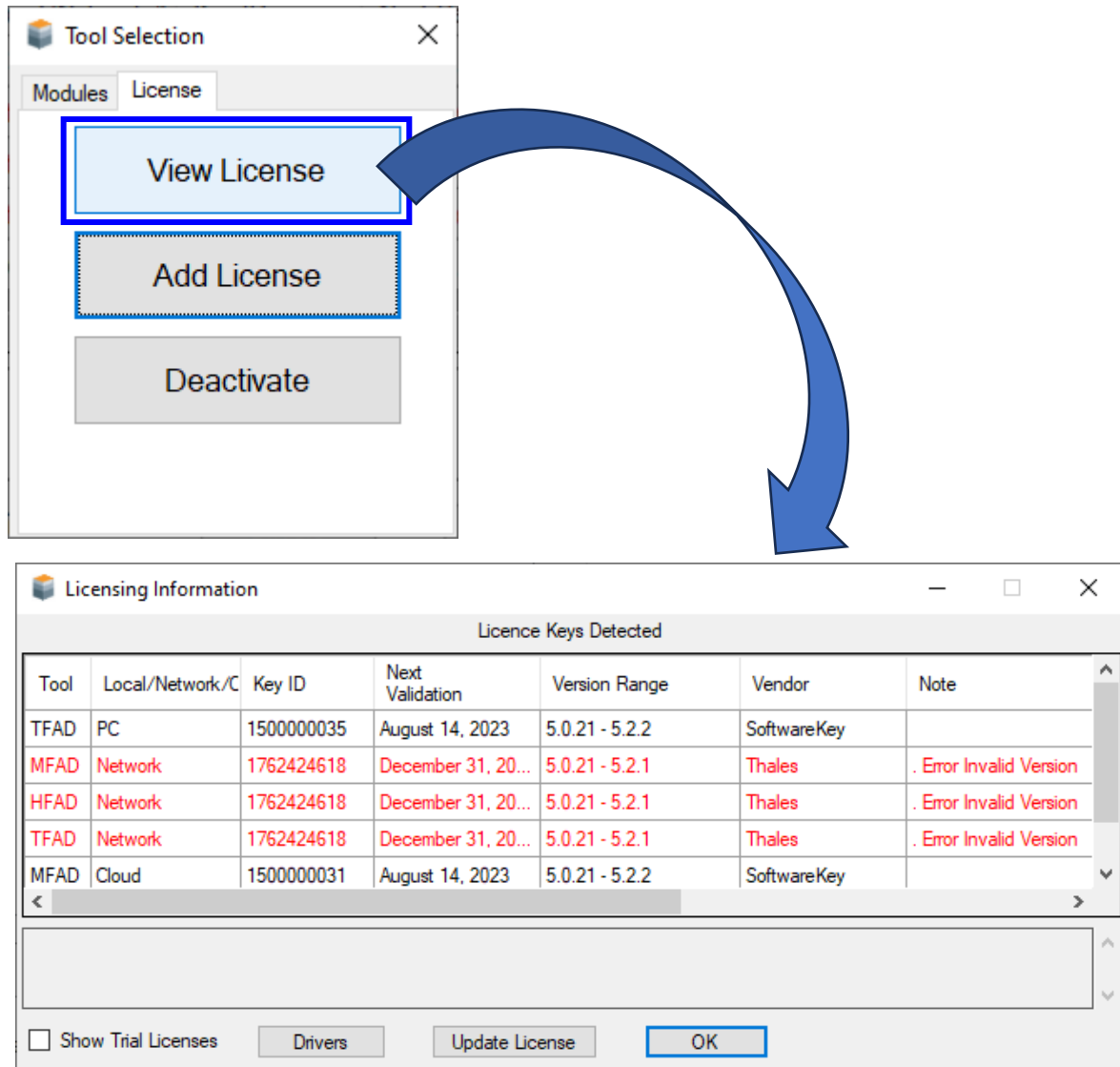




If the license is not set up successfully, the module buttons will be shown grayed out with an "Invalid Version" message as shown in Figure 2.9. Details on this message can be obtained by click on the License Tab and "View License" button as shown in Figure 2.10. [Troubleshooting setting up licenses.](#)



**Figure 2.9. Example of message from a module where the license was not set up successfully**



**Figure 2.10**  
**Viewing licenses available in a computer**



## A. Appendix Offline activation or manual activation.

Offline activation is available for users who do not have an internet connection or access to the FAD server as detailed below.

For licensees with connection to internet but without access to the FAD sever, follow these steps:

- 1- Click the button "Activate Manually" in Figure 2.2.
- 2- The manual activation form will open.
- 3- Enter your License ID and Password which can be obtained as explained in the previous section.
- 4- Click "Generate".
- 5- Click "Copy" at step 2 on Figure A.1.
- 6- Click on "Open Activation webpage" on Step 2 of Figure A.1. This will open the webpage shown in Figure A.2.
- 7- Paste the request from step 5 on the "Copy and Paste Request" box.
- 8- Click submit and the webpage from Figure A.3 will appear.
- 9- Click copy.
- 10-Return to form from Figure A.1 and click paste on Step 3.
- 11-Press "activate" on Figure A.1, if successful, the notification shown in Figure A.4, will appear.

For licensees without an internet connection on the device using FAD, follow these steps:

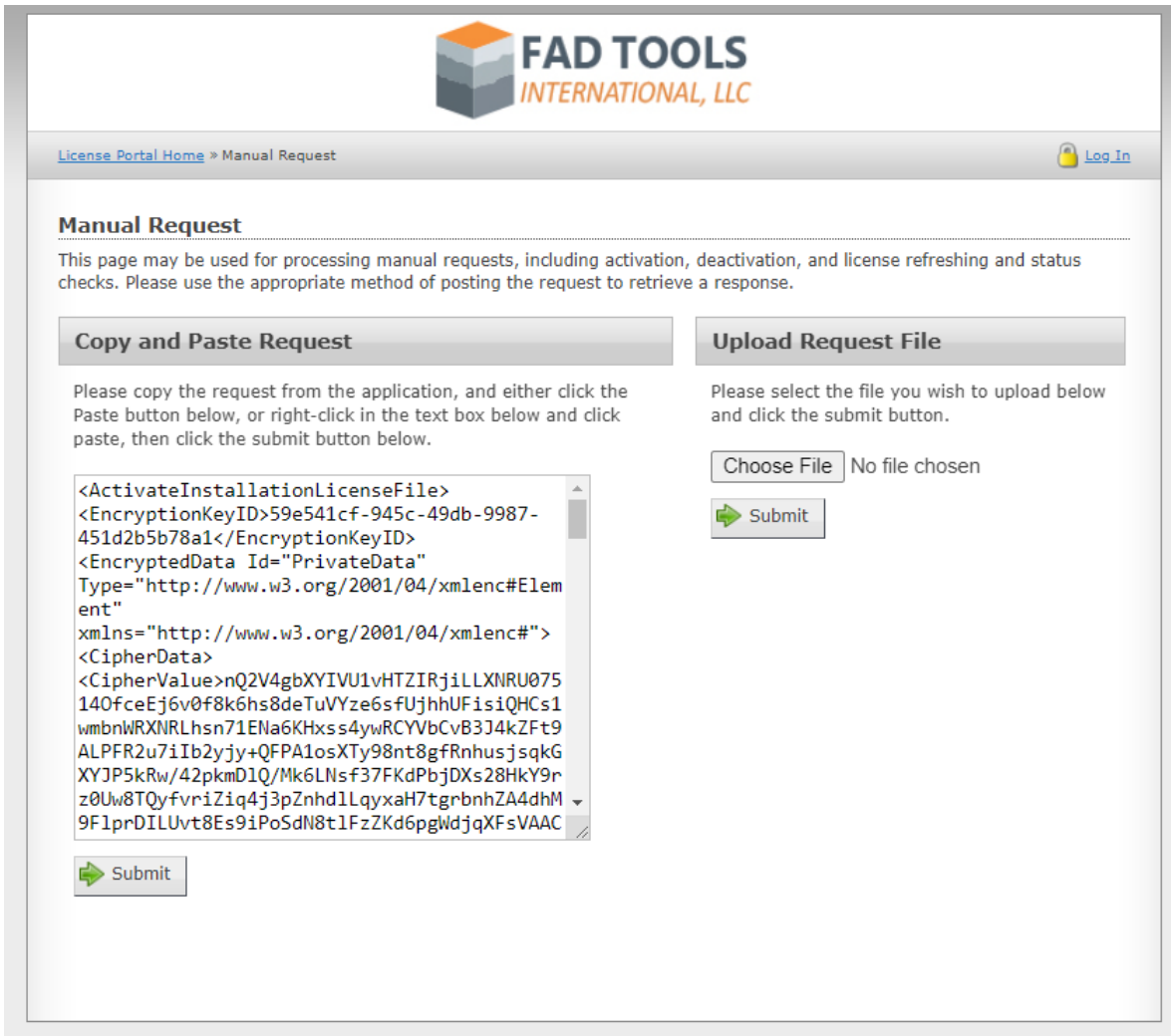
- 1- Click 'Activate Manually' on Figure 2.2.
- 2- Enter your License ID and Password on the manual activation form (Figure A.1).
- 3- Click 'Generate'.
- 4- Save the generated text as an activation request file (click 'Save Activation Request file', top left corner, on Figure A.1).
- 5- Move the saved activation request file to a computer with internet access. Open the URL: "<https://secure.fadtools.com/solo/customers/ManualRequest.aspx>". The webpage depicted in Figure A.2 will open.
- 6- Select 'Choose File' under 'Upload Request File' and then select the saved activation request file and upload it.
- 7- Submit the uploaded file. When finished, click on 'Download Activation Response File' (lower half of Figure A.3) and move that downloaded file over to the device where the FAD software is to be installed.




- 8- Go back to Figure A.1 and find the button labeled 'Open Activation Response File' in the bottom right corner of the window under Step 2. Select this option.
- 9- After completing Step 8, press 'Activate' on Figure A.1. An alert as shown on Figure A.4 will appear after a successful activation process.

A screenshot of a software dialog box titled "Activate Manually". The dialog box is divided into three main sections. The first section, "Step 1: Enter your activation information and click Generate Request:", contains two text input fields labeled "License ID:" and "Password:". Below these fields is a file path text box containing "P:\2007-106 - EPRI - FAD Management\FAD Tools 5.2.2\TestingLicenses" and a browse button "...". A "Generate Request" button is located to the right of the file path. The second section, "Step 2: Copy the activation request and paste it into the activation web page:", features a large text area labeled "Activation Request:". Below this text area are three buttons: "Copy", "Open Activation Web Page", and "Save Activation Request File". The third section, "Step 3: Copy the Activation Code from the web page, paste it below, and click Activate:", contains a large text area labeled "Activation Code:". At the bottom of the dialog box are four buttons: "Paste", "Open Activation Response File", "Activate", and "Close".

**Figure A.1**  
**Form for Manual Activation**



The screenshot shows the 'Manual Request' page in the FAD TOOLS web portal. At the top, there is a navigation bar with 'License Portal Home » Manual Request' on the left and a 'Log In' button on the right. The main content area is titled 'Manual Request' and contains a paragraph explaining that the page is used for processing manual requests like activation, deactivation, and license refreshing. Below this, there are two main sections: 'Copy and Paste Request' and 'Upload Request File'. The 'Copy and Paste Request' section includes a text area with XML data for an activation request and a 'Submit' button. The 'Upload Request File' section includes a 'Choose File' button (currently showing 'No file chosen') and a 'Submit' button.

[License Portal Home](#) » Manual Request  [Log In](#)

### Manual Request

This page may be used for processing manual requests, including activation, deactivation, and license refreshing and status checks. Please use the appropriate method of posting the request to retrieve a response.

#### Copy and Paste Request

Please copy the request from the application, and either click the Paste button below, or right-click in the text box below and click paste, then click the submit button below.

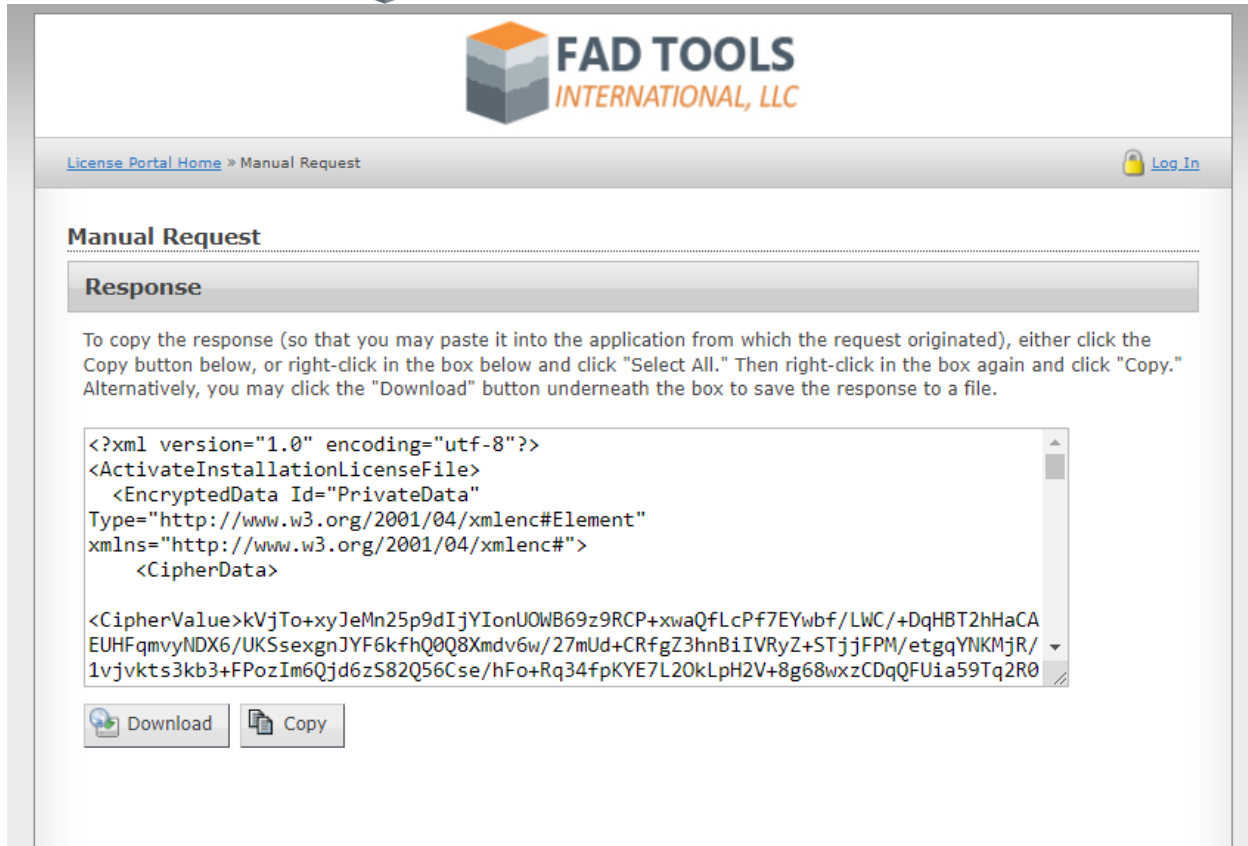
```
<ActivateInstallationLicenseFile>
<EncryptionKeyID>59e541cf-945c-49db-9987-
451d2b5b78a1</EncryptionKeyID>
<EncryptedData Id="PrivateData"
Type="http://www.w3.org/2001/04/xmlenc#Elem
ent"
xmlns="http://www.w3.org/2001/04/xmlenc#">
<CipherData>
<CipherValue>nQ2V4gbXYIVU1vHTZIRjiLLXNRU075
140fceEj6v0f8k6hs8deTuVYze6sfUjhhUFisiQHCs1
wmbnWRXNRLhsn71ENa6KHxs4ywRCYVbCvB3J4kZFt9
ALPFR2u7iIb2yjj+QFPA1osXTy98nt8gfRnhusjsqkG
XYJP5kRw/42pkmDlQ/Mk6LNsF37FKdPbjDXs28HkY9r
z0Uw8TQyfvriZiq4j3pZnhd1LqyxaH7tgrbnhZA4dhM
9F1prDILUvt8Es9iPoSdN8t1FzZKd6pgWdjqXFsvAAC
```

#### Upload Request File

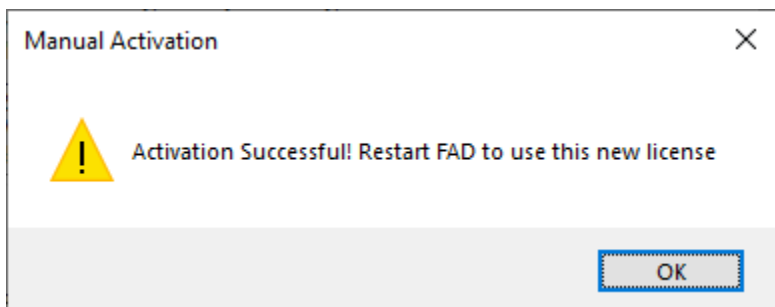
Please select the file you wish to upload below and click the submit button.

No file chosen

**Figure A.2**  
**Submitting request for activation in webpage**



**Figure A.3**  
**Getting response from webpage for activation**



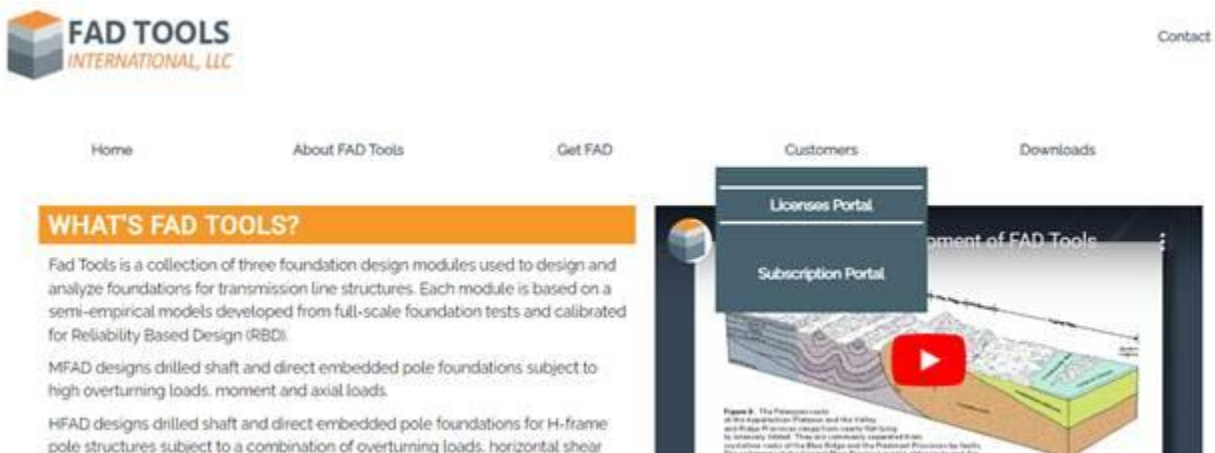
**Figure A.4**  
**Successful Manual/offline activation**



## B. Appendix Obtaining license files (\*.lfx)

The following methods are available to obtain the license files:

- From the License Portal: refer to Figures B.1 through B.6 for the detailed steps.
- From a computer already running FAD: Locate the license file as shown in Figure 2.7. The files can then be manually copied and pasted into the new computer. Specify the new location by following the instructions in Figure 2.7.



**Figure B.1 Step 1. Open License Portal on FAD website**

This screenshot shows the login interface of the License Portal. At the top, there is a navigation bar with "License Portal Home" and "Log In" links, and a "Log In" button with a lock icon. The main heading is "Log In to Your Account". Below this, there are two columns: "Existing Customers" and "New Customers". The "Existing Customers" section contains instructions for logging in, a note about license activation passwords, and input fields for "Email or Login ID" and "Password", along with a "Log In" button and a "Forgot your password?" link. The "New Customers" section contains instructions for new users, an "Email Address" input field, and a "Continue" button with a green arrow icon.

Figure B.2. Step 2. Sign in the License Portal

This screenshot shows the home page of the License Portal. At the top, there is a navigation bar with "License Portal Home", "Company Selection", and "Log Out" links. The main heading is "License Portal Home". Below this, there is a "Welcome" section. The main content area is divided into two columns: "Downloads" (Download purchased software) and "Licenses & Activations" (Activate and manage your software installations). Below this, there are two sections: "Contact Information" and "Support Information". The "Contact Information" section lists: Customer ID: 1005, Company Name: DIGIOIAGRAY AND ASSOCIATES, Contact Name: JOSE BLANCO, Phone Number: 4123786838, and Email Address: jose@fadtools.com. The "Support Information" section lists: Email: support@fadtools.com and Web: Web Site. At the bottom, there are two buttons: "Edit Contact Information" and "Change Password".

Figure B.3. Step 3. Click on License & Activations button





The screenshot shows the "Licenses & Activations" page in the FAD TOOLS system. The page header includes the company logo and navigation links for "License Portal Home", "Licenses & Activations", "Company Selection", and "Log Out". The main heading is "Licenses & Activations", followed by a sub-heading "Click on a License ID or Serial listed below to view more details about the license." Below this is a table with 5 columns: "License ID/Serial", "Product", "Issued", "Status/Expiration", and "Activations Left". The table contains 4 rows of license data. At the bottom of the table, there are navigation arrows and the text "Page 1 of 2 (1-15 of 16 Items)".

License ID/Serial	Product	Issued	Status/Expiration	Activations Left
<a href="#">1500000122</a>	<a href="#">FAD Tools 5.2.2 TFAD_CCFNL</a>	Jul 17, 2023	OK / N/A	1
<a href="#">1500000121</a>	<a href="#">FAD Tools 5.2.2 HFAD_CCFNL</a>	Jul 17, 2023	OK / N/A	1
<a href="#">1500000120</a>	<a href="#">FAD Tools 5.2.2 HFAD_CCFNL</a>	Jul 17, 2023	OK / N/A	1
<a href="#">1500000119</a>	<a href="#">FAD Tools 5.2.2 HFAD_CCFNL</a>	Jul 17, 2023	OK / N/A	1

**Figure B.4. Step 4. Select the License to view by clicking on the “License ID/Serial” column or on the Product column**

The screenshot shows the "License Details for FAD Tools 5.2.2 TFAD CCFNL" page. The page header includes the company logo and navigation links for "License Portal Home", "Licenses & Activations", "License Details", "Company Selection", and "Log Out". The main heading is "License Details for FAD Tools 5.2.2 TFAD CCFNL". Below this are two columns of information: "License Information" and "Order Information". The "License Information" column includes fields for Status, License ID, Activation Password, Activations Left, Deactivations Left, Allowed Network Seats, and Instructions. The "Order Information" column includes fields for Invoice, Date Issued, and Quantity. At the bottom of the page, there is an "Additional Information" section with several buttons: "Download", "Activate", "Manage Installations", "Network Session History", and "Network Sessions".

License Information		Order Information	
Status:	OK	Invoice:	[None]
License ID:	1500000122	Date Issued:	Jul 17, 2023
Activation Password:	7A4QP4JR	Quantity:	2 Each
Activations Left:	1		
Deactivations Left:	2		
Allowed Network Seats:	2 (0 currently in use)		
Instructions:	<a href="#">Please, follow the instructions in this link for installation and configuration of FAD.</a>		

**Figure B.5. Step 5. Click on the button “Manage Installations”**



**Figure B.6. Step 6. Click on the icon to “Download License File”**