FAD TOOLS

Installation Manual.

2024





1. Instructions to Install FAD.

Once you receive the email with License ID and activation password, please follow these steps to install FAD:

- Download the installer from this link for the <u>https://www.fadtools.com/Installers/FAD_5_2_2_Setup_Service_Pack_11.zip</u>.
- Unzip the follow the instructions in the README.docx distributed across this folder structure based on the decisions that need to be made at each step. There are three main steps:
 - Find out the Microsoft Office's architecture of the Office installed in the computer (e.g., 32 bits or 64 bits) or select one if Office is not installed.
 - If Microsoft Access is not installed in the computer, then install the <u>Access Runtime</u> <u>Library</u> for the appropriate architecture (e.g., 32 bits or 64 bits).
 - Install the FAD TOOLS version compatible with the Office's architecture.

2. Configuring the Licenses.

After launching FAD from the desktop or windows start menu. The Tool Selection windows shown in Figure 2.1 will appear. There are two tabs available in this window. "Modules" tab will show three buttons, one per tool (e.g. MFAD, HFAD, TFAD). Tools with valid licenses installed in the computer will be available, otherwise, they will gray out and it will say the reason why there is no valid license for that tool as shown in Figure 2.1. More detailed information of the licenses available can be obtained by clicking on the button "View Licenses" in the License tabs.

To add a new license, you need to buy a license in FAD e-commerce (e.g. click on Modules/Purchase) and then, add the license as explained in detail below.

| Tool Selection | × | 📦 Tool Selection 🔷 | × |
|-------------------------|---|--------------------|---|
| Modules License | | Modules Licemse | |
| MFAD Invalid Version | | View License | |
| HFAD | | Add License | |
| TFAD | | Deactivate | |
| Purchase Cancel | | | |

Figure 2.1 FAD Tools Selection Window



Online License activation

Both PC and Cloud licenses need to be activated when they are used for the first time. This is a one-time process regardless of any update installed later. The steps are summarized below:

Online activation is the easiest and quickest way to add a license to FAD. To do this, follow these steps:

- On the tab License in the Tool selection form, 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.
- If the license is already activated, then a windows with instructions to download the license file will popup as shown in Figure 2.6.

Note that this option is available when you have an internet connection and access to our server (e.g. no firewall blocking the connection). If no connection is possible to FAD server, offline activation can be done as discussed in Appendix A.



Figure 2.2 FAD Options to add Licenses.



| Activate Online | — | | \times | |
|--|------------------------------|--------------------------------------|------------------------------|------------------|
| Please use the License ID and Password given to you to connection is required. If you encounter an error, please License ID and Password are correct, and temporarily dis firewalls you may have installed. | activa double sable ar | te. An In e-check ti ny persor | ternet hat the nal | |
| License ID: 150000018 Password: | - I s b | Dbtain Licens hown below. | ed fror e Porta in the | n 1 figure |
| Location where the License Files are saved after activation. | | | | |
| P:\2007-106 - EPRI - FAD Management\FAD Tools 5.2.2 | 2∖Testi | ingLic | | |
| Proxy Settings Ca | ancel | A | ctivate | |

Figure 2.3 Online Activation of Licenses.

| FAD TOOLS | | | | | |
|--|--|----------------------------|--|--|--|
| <u>cense Portal Home</u> » <u>Licenses &</u> | Activations » License Details | Company Selection | | | |
| IMPORTANT: This is | For FAD Tools 5.2.1 HFAD Co | CFNL from the database! | | | |
| License Informatio | 1 | Order Information | | | |
| Chatura | | License ID and | | | |
| Activation Password: | Y2Y3ZU29 | Password needed to | | | |
| Activations Left: | 1 | activate the license. | | | |
| Deactivations Left: | 2 | | | | |
| Allowed Network Seats | : 1 (1 currently in use) | | | | |
| Instructions: | Please, follow the instructions in this link for installation of FAD. LicenseID = 1500000018 | | | | |
| | Password = Y2Y3ZU29 | | | | |

Figure 2.4 License Portal.



Figure 2.5 Successful activation.

OK

| Ins | stallation History | | Ins | tallatio | on of a | licen | se. | | | |
|--------------|--|--|---------------|--------------------------------|--|-------------------|---|---------|---|--|
| Filt | ter: All Active Deactive | ated | _ | | | / | | | | |
| Ins | stallation ID | Status | ▼ Activated | Last Ch | eck | Name | | | | |
| WM ERM | 16M5-8GJQ7-PUWDX-MXA63- MGR-W | Active | Apr 07, 2024 | Jul 25, 3 | 1024 | User: ji Compu | blancobeltran terID : PC10980 | | | |
| E2E | EN7-4JYBN-EEW8V-TJCCX- | Deactivated | Apr 07, 2024 | | | User: jl | blancobeltran | | | |
| GN | vsc-q | | | | | Compu | terID : PC10980 | 22 | | |
| | | | | | | | | | | |
| | | | - 19 <u>1</u> | | | | | | - | |
| | | 1 | - CV | | | | | | | |
| | | | FA | DTO | OLS | | | | | |
| | | | | D TO | OLS IAL, LLC | | | | | |
| | <u>License Portal Home</u> » Installat | ion History | | D TO | OLS IAL, LLC | | 6 | Log Out | | |
| | <u>License Portal Home</u> » Installat | ion History | | D TO | OLS IAL, LLC | | (| Log Out | | |
| | License Portal Home > Installat | tion History | | D TO | OLS | | C | Log Out | | |
| | License Portal Home > Installat Installation Histo | ion History O ry | FA | D TO RNATION | OLS | | 6 | Log Out | | |
| solnwe | License Portal Home > Installat Installation Histo Filter: O All O Active O ading | ory | FA | D TO | OLS IAL, LLC | | ۵ | Log Out | | |
|)wnloa | License Portal Home > Installat Installation Histo Filter: () All () Active () ading | ory | FA | D TO | OLS IAL, LLC | | Name | Log Out | | |
| ownloa | License Portal Home > Installat Installation Histo Filter: | ory | FA INTE | D TO RNATION | OLS AL, LLC | | Name | Log Out | | |
| solnwc | License Portal Home > Installat Installation Histo Filter: Auto Active C ading License file downloaded. | ory | FA INTE | D TO RNATION X d | OLS AL, LLC | | Name User: jblancobeltran ComputerID : DGAMC | Log Out | | |
| solnwc | License Portal Home > Installat Installation Histo Filter: • All O Active C ading License file downloaded. Be sure to save the licen "License file noth more" | ory Descripted | | D TO RNATION X d | OLS AL, LLC Last Check Jul 26, 2024 | | Name User: jblancobeltran ComputerID : DGAMC 163 | Log Out | | |
| ownloa | License Fortal Home > Installat Installation Histo Filter: • All O Active C ading License file downloaded. Be sure to save the licen "License file path previ | ory Deactivated se file in: ously specified | d by the user | D TO RNATION X d 4 | OLS AL, LLC | | Name User: jblancobeltran ComputerID : DGAMO 163 | DN- | | |
| ownloa () | License Fortal Home > Installat Installation Histo Filter: all O Active O ading License file downloaded. Be sure to save the licen "License file path previ and restart FAD. | ory Desctivated se file in: ously specified | d by the user | D TO RNATION X d 4 | OLS AL, LLC | | Name User: jblancobeltran ComputerID : DGAMO 163 | DN- | | |

Figure 2.6 Window to download the license file is the license is already activated.



Setting Up Activated Cloud License on Other Computers without activation password.

If the license has already been activated on one computer, instead of the step shown in Figure 2.6, you can follow the steps below to set up the cloud license on another computer without needing to enter the activation password.

- Copy/paste the License file (.e.g #.lfx) from another computer with the cloud license already set up, or download it from license Portal (see Figure 2.7). Appendix B provides more details regarding how to obtain this license file lfx.
- Specify the new folder location as indicated in Figure 2.8.

This process can be repeated on as many computers as the user wants to.

FAD can be run from any computer hosting a cloud license as long as the number of users connected at the same time doesn't 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 (e.g. MFAD, HFAD, TFAD) has its own license file (e.g. #.lfx). When there is more than one license file in one computer, it is recommended to put all the licenses on the same folder, otherwise the user should have to point FAD to different folder location every time the user wants to switch the module.



| ense Portal Home » Licenses & Actival | ions » <u>License Details</u> » | » Installation | History | En Company Selection 🤷 Log |
|---|-----------------------------------|-------------------|----------------------|---|
| nstallation History | | | | |
| Filter: All Active Deact | ivated | | Click on this lin | ik to download |
| Installation ID | Status | ▼ Activ | the license file. | |
| RV5YX-GR3BK-4SYMM-JFK4P- 52STC-Z | Active | May 08, 2 | 2023 May 09, 2023 | User: jblanco ComputerID : DGAMON-163 Download License File |
| B3G4K-5M8UA-DJW8M-C34JV- JMPVG-X | Deactivated | May 08, 2 | 2023 | User: jblanco ComputerID : DGAMON-163 |
| LMSP3-AQT64-2QY9C-SKU2D- G8PAL-X | Deactivated | Apr 19, 2 | 023 May 05, 2023 | User: jblanco Path: P:\2007-106 - EPRI - FAD Mana |
| A3R2P-3NZYM-4PY9V-RVCQV- PX3Y9-3 | Deactivated | Apr 19, 2 | 023 | Path: P:\2007-106 - EPRI - FAD Management\FAD Tool |
| 8BLGQ-M9WKX-5JWNL-RCKJF- QYRHH-X | Deactivated | Apr 19, 2 | 023 | Path: P:\2007-106 - EPRI - FAD Management\FAD Tool |
| QTA38-KNS7Z-43YEN-SSE See THG4B-S to g | e more details get to this web | in Appe opage. | endix B regardin | g how P:\2007-106 - EPRI - anagement\FAD Tool |
| TVZLA-CUDB6-P7YZV-LY5DS- G49GU-2 | Deactivated | Apr 18, 2 | 023 | Path: P:\2007-106 - EPRI - FAD Management\FAD Tool |
| GV3S2-MZGW4-FRW9X-R5YDL- 2C6T4-Q | Deactivated | Mar 17, 2 | 023 Apr 12, 2023 | |
| PHG24-C5A3V-GYWYL-49KS6- VWAPH-Q | Deactivated | Feb 18, 2 | 023 Feb 28, 2023 | |

Figure 2.7 Downloading License File from License Portal.



| 🇊 Tool Sele | ection | × | 🖳 Add SoftwareKey Licens | e — | | × |
|-------------|--|--|---|------------|--------|------|
| Modules [Li | View License | | Activate | Online | | |
| | Add License | | Activate | Manually | | |
| | Deactivate | | License File | s Location | | |
| Se | elect network license loc | ation | | | | -12- |
| — In | nportant | | | | | |
| т | The exact same UNC pat | h needs to be used | | | | |
| F | or example, the same share | e can be accessed (| using different UNC paths: | | | |
| | * \\servername\share | m\ebara | | | | |
| | * \\192.168.0.1\share | in share | | | | |
| A | I three of the example UN | C paths above could | point at the same share, but | | | |
| e e | vould each generate differe exact UNC path is entered o | nt identifier values. In any client device. | t is critical that the same /computer when using the | | | |
| ra | aw UNC path in our dialog (| or when mapping a i | network drive. | | | |
| | | | | | | |
| | | | | | | |
| F | 2:\2007-106 - EPRI - FAD N | Management\FAD T | ools 5.2.2\TestingLicenses | | | |
| | | | | | | |
| | Browse For Folder | × | | ОК | Cancel | |
| | Deskton | | | | | |
| | > OneDrive | | | | | |
| | > ConeDrive > & Jose Blanco | | | | | |
| | This PC This PC This PC This PC | | | | | |
| | > I Network > I Control Panel | | | | | |
| | 🔯 Recycle Bin | | | | | |
| | | | | | | |
| | Make New Folder | K Cancel | | | | |

Figure 2.8 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 is currently active as shown Figure 2.9, and then activate the license in the new computer repeating the process described in section "Online License Activation".

| i | Tool S | Selection | | | × | | | | |
|----------|--------|-----------|----------|------------------|------------------|---------------------|------------------|----------------------------|-------|
| Mod | ules | License | | | | | | | |
| | | Viev | v Lice | ense | | | | | |
| | | Add | l Lice | ense | | | | | |
| | | De | activ | ate | | | | | |
| | | | | | | | | | ~ |
| | | | 🖳 🔛 frr | n_DeactivatingLi | cense | | | - | × |
| | | | | | | Select Licens | es to deactivate | | |
| | | | | Selected | Module | Type | ID | Expiration (mm-dd-yyyy) | |
| | | | | | MFAD | Network | 150000019 | April 19, 2024 | |
| | | | | | HFAD | Clou | 150000018 | April 26, 2024 | |
| | | | • | | | | | | |
| | | _ | | | | | | | |
| | | [| The lice | ense 1500000028 | has been deactiv | vated successfully. | | | ~ |
| | | | | | | | | | |
| | | | | | | | | | ~ |
| | | | | | Deactivate | | | Close | |

Figure 2.9 Online Deactivation.



Troubleshooting setting up licenses.

If the license is not set up successfully, the buttons of the modules will be shown gray out with error message as shown in Figure 2.10. Further detail of error can be obtained by click on the License Tab and "View License" button as shown in Figure 2.11.

| 🇊 Too | ol Selection | × |
|--------|-------------------------|---|
| Module | License | |
| | MFAD | |
| | HFAD | |
| | TFAD Invalid Version | |
| | Purchase <u>C</u> ancel | |

Figure 2.10. Example of error message from a module where the license was not set up successfully.



| 🇊 Tool S | Selection | × |
|----------|------------------|---|
| Modules | License | |
| | View License | 3 |
| | Add License | |
| | Deactivate | |
| a licens | ring Information | |

| UC CIC | ensing informatio | | | | | | |
|--------|-------------------|------------|--------------------|----------------|-------------|-------------------------|--------|
| | | | Licence | Keys Detected | | | |
| Tool | Local/Network/C | Key ID | Next Validation | Version Range | Vendor | Note | > |
| TFAD | PC | 150000035 | August 14, 2023 | 5.0.21 - 5.2.2 | SoftwareKey | | |
| MFAD | Network | 1762424618 | December 31, 20 | 5.0.21 - 5.2.1 | Thales | . Error Invalid Version | |
| HFAD | Network | 1762424618 | December 31, 20 | 5.0.21 - 5.2.1 | Thales | . Error Invalid Version | |
| TFAD | Network | 1762424618 | December 31, 20 | 5.0.21 - 5.2.1 | Thales | . Error Invalid Version | |
| MFAD | Cloud | 150000031 | August 14, 2023 | 5.0.21 - 5.2.2 | SoftwareKey | | ~ |
| < | | | | | | > | |
| | | | | | | | 1 |
| | | | | | | | |
| | | | | | | | \sim |
| Sho | w Trial Licenses | Drivers | Update Lic | ense | ОК | | |

Figure 2.11 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. Depending on the situation use one of these sets of instructions:

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 web page" 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:

- 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 following URL: "<u>https://secure.fadtools.com/solo/customers/ManualRequest.aspx</u>". You'll see the webpage depicted in Figure A.2.
- 6- Choose 'Choose file' bellow 'Upload Request file,' 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 original device where FAD software is installed.
- 8- Go back to Figure A.1 and find the button labelled '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 like Figure A.4 appears after a successful activation process.

| Activate Manually | _ | |
|--|------------------------------|-------------------|
| Step 1: Enter your activation information and clic License ID: Password: | k Generate Request: | |
| P:\2007-106 - EPRI - FAD Management\FAD T | ools 5.2.2\TestingLicenses |] |
| Step 2: Copy the petivoties may get and poets it is | Generate | <u>R</u> equest |
| Activation Request: | to the activation web page | |
| | | ^ |
| Copy Open Activation We | p Page Save Activation | → Request File |
| Step 3: Copy the Activation Code from the web Activation Code: | page, paste it below, and cl | ick Activate: |
| | | ~ |
| Paste Open Activation Respo | nse File <u>A</u> ctivate | Close |

Figure A.1 Form for Manual Activation.



| i <u>cense Portal Home</u> » Manual Request | <u>[109]</u> |
|--|--|
| Janual Request | n. deactivation. and license refreshing and status |
| hecks. Please use the appropriate method of posting the request to retrie | ve a response. |
| Copy and Paste Request | Upload Request File |
| Paste button below, or right-click in the text box below and click paste, then click the submit button below. | and click the submit button. Choose File No file chosen Submit |

Figure A.2 Submitting request for activation in webpage.



| <u>ense Portal Home</u> » Manual Reque | est | | |
|--|---|---|---|
| lanual Request | | | |
| Response | | | |
| Alternatively, you may click t xml version="1.0" en<br <activateinstallation <encrypteddata http:="" id="I Type=" www.w3.or<br="">xmlns="http://www.w3.or <cipherdata></cipherdata></encrypteddata></activateinstallation | he "Download" button underneath the ncoding="utf-8"?> LicenseFile> PrivateData" ng/2001/04/xmlenc#Element" org/2001/04/xmlenc#"> | e box to save the response to a file. | |
| <ciphervalue>kVjTo+xy EUHFqmvyNDX6/UKSsexgn 1vjvkts3kb3+FPozIm6Qjd</ciphervalue> | JeMn25p9dIjYIonUOWB69z9RCP+xw JYF6kfhQ0Q8Xmdv6w/27mUd+CRfgZ d6zS82Q56Cse/hFo+Rq34fpKYE7L2 | waQfLcPf7EYwbf/LWC/+DqHBT2hHaCA 3hnBiIVRyZ+STjjFPM/etgqYNKMjR/ 0kLpH2V+8g68wxzCDqQFUia59Tq2R0 | • |
| | | | |

Figure A.3 Getting response from webpage for activation.

| Manual | Activation | \times |
|--------|--|----------|
| | Activation Successful! Restart FAD to use this new license | |
| | OK | |

Figure A.4 Successful Manual/offline activation.



B. Appendix Obtaining license files (#.lfx)

This appendix describes how to obtain the license file from the license portal from Figure B.1 to Figure B.6.

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







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



Figure B.4. Step 4. Select the License you want to view by clicking on the "License ID/Serial" column or on the Product column.





Figure B.5. Step 5. Click on the button "Manage Installations"

