
Installing and Configuring the ArcGIS 10 License Manager

This is the Quick Start Guide to authorize ArcGIS License Manager 10 for the ArcGIS Desktop (Concurrent Use), ArcGIS Engine (Concurrent Use), and ArcInfo Workstation products.

Introduction

The copy protection mechanism for the ArcGIS Desktop, ArcGIS Engine, and ArcInfo Workstation 10 product lines has been updated to use the latest FLEXnet Publisher v11.6.1 software. This update includes the following enhancements to the license manager:

- **NEW:** A standardized method of authorizing licenses on your license manager. You no longer need to request a license file based on a hardware key or MAC address from ESRI Customer Service. ESRI Customer Service will send you an e-mail containing the authorization numbers to use during the authorization process.
- An updated license manager and license manager administration tool.
- License borrowing.
- Monitor borrowed licenses.
- A completely keyless license manager. Certain customers outside the US who have been using previous versions of the license manager with a hardware key no longer have to use hardware keys as the new copy protection mechanism automatically locks licenses to the specific machine.
- The ability to install the license manager to any location.

NOTES

- **Recommended:** An internet connection to complete the authorization steps below.
- Based on your machine configuration and network traffic, the initial authorization process might take between 30 seconds and 2 minutes.
- If you do not have an internet connection for the machine you intend to install the license manager on, you can authorize it via email or website
- The email or website authorization option for this version of the License Manager is a two step process.

1. Uninstall any previous versions of the ArcGIS License Manager and the Sentinel Protection Installer Hardware key drivers from Add-Remove Programs if applicable. **Note: This latest version of the license manager will support all prior releases of ArcGIS Desktop 9.x.**

2. Click Setup next to the ArcGIS License Manager option on the media front-end.

3. Follow the install instructions.

4. Once the installation is complete, on Windows open Start . Programs . ArcGIS . License Manager . License Server Administrator.

On UNIX/Linux the License Server Administrator can be launched from the following location:

```
[ install_path ]/arcgis/license10.0 ./LSAdmin
```

5. Select **Authorization** in the table of contents and click **Authorize Now...**
 6. Select the default option **I need to authorize licenses on my license server**, select the product you want to authorize and click **Next**.
 7. Select **Authorize with ESRI now using the Internet** and click **Next**. If you do not have an internet connection, select the option **Authorize at ESRI's website or by e-mail to receive your authorization file**.
 8. Enter your personal information and click **Next**.
 9. Enter your core product authorization number(s) (EFLxxxxxxxx or EEAXxxxxxxxx) along with the number of licenses you would like to authorize and click **Next**. This information is provided to you by ESRI Customer Service by e-mail. The e-mail is sent to the primary maintenance contact in your organization.
 10. Enter the authorization numbers for extensions if applicable. Use **Other Extensions** for extensions not listed on the main panel and click **Next**.
- Note: If you have selected the e-mail option, save the text file generated and e-mail it to **authorize@esri.com**.
11. Click **Finish** after the authorization process is complete.
 12. Select the Start.Stop License Service in the table of contents and click **Start**.

Authorization Instructions for ArcGIS Desktop Concurrent Use

The copy protection mechanisms for ArcGIS Desktop at version 10 have been updated.

License borrowing is now available with this version of the ArcGIS Software.

Setting the License Manager

1. Install the ArcGIS Desktop Software
2. After the installation, select the required Concurrent Use product in the ArcGIS Administrator Wizard and specify the name of your license manager.
3. Once you have set your license manager, click **OK** to close the ArcGIS Administrator Wizard.
4. You can now run your applications using this license manager.

Borrowing and Returning Licenses

If you need to work while away from your network, you can borrow the core product and any necessary extensions currently available on your license manager. The default borrow timeout is 30 days. Contact your License Administrator to modify this timeout date.

1. After installing the software and defining the license manager, open the ArcGIS Administrator from **Start > Programs > ArcGIS > ArcGIS Administrator**.

2. Select the product folder (Desktop) from the table of contents and make sure you have the product you want to borrow selected.
3. Select the Borrow-Return folder and check the boxes next to the features you want to borrow and click **Apply**.
4. Once the features have been borrowed, click **OK** to close the ArcGIS Administrator.
5. To return licenses back to the license manager before the timeout, reconnect to your network and select the Borrow-Return folder in the ArcGIS Administrator, uncheck the boxes next to the features you have borrowed and click **Apply**. Click **OK** to close the ArcGIS Administrator.

If you have not returned your licenses before they expire, they will automatically be disabled on your machine after the expiration date and the license count on the license manager will go back up.

Authorization Instructions for ArcGIS Desktop (ArcInfo, ArcEditor, ArcView) Single Use

- Recommended: Use an Internet connection to complete the authorization steps below.
 - Based on your machine configuration and network traffic, the initial authorization process might take between 30 seconds and 2 minutes.
 - If you do not have an Internet connection for the machine you intend to install the software on, you can authorize the software via e-mail or Web site with the use of a second machine that has Internet access.
1. After the installation, select the desired Single Use product in the ArcGIS Administrator wizard.
 2. Click Authorize Now...
 3. Select the default option, I have installed my software and need to authorize it.
 4. Select Authorize with ESRI now using the Internet.
 5. Enter your personal information.
 6. Enter your core product authorization number (ESUxxxxxxxx). This information is provided to you by ESRI Customer Service. If you do not have this information, contact [ESRI Customer Service](#).
 7. Enter the authorization numbers for extensions if applicable. Click Other Extensions for extensions not listed on the main panel.
 8. Click Finish after the authorization process is complete.
 9. Click OK to close the ArcGIS Administrator. Your software is now ready for use.

Others

You must also use the correct authorization numbers for the product you are authorizing:

- Single Use products use **ESU** numbers. An **ESU** number will be formatted similar to: **ESU123456789**, and will always contain the pre-fix 'ESU'.
- Concurrent-Use products (ArcInfo (CU), ArcEditor (CU), ArcView (CU), ArcGIS Engine Runtime (CU), ArcInfo Workstation) use **EFL** numbers. An **EFL** number will be formatted similar to: **EFL123456789**, and will always contain the pre-fix 'EFL'. When authorizing Concurrent-Use licenses on a license manager, you may enter a count that is equal to, or greater than 1, and that does not exceed the number of licenses

you are entitled to. For example, if you have authorized on your first attempt 20 copies, and your maximum entitlement is for 100 copies, you cannot authorize more than 80 licenses on the second attempt.

- Server related products must be authorized with **ECP** numbers.