



Installation Instructions ArcGIS Desktop10.3.1

**Administrative privileges are required in
order to install this software**





Before installing this software, check to make sure that the KeyServer Client software is installed on the target computer.

You can check by going to *Start > All Programs > Sassafras K2*. Then select 'KeyVerify.' The resulting screen should indicate a server under 'Name'. It should also list "Valid" under Status. (It may take a moment for the screen to appear)

If there is no Sassafras K2 folder under All Programs, or the KeyVerify does not indicate a valid install, go to the TIPS website (<http://www.tips.osmre.gov/>) under *Software – Downloadable Software* and download the K2Client software appropriate to the target computer (32-bit or 64-bit). Follow the installation instructions included on the Downloadable Software page to install the KeyServer K2Client software.

**If the Sassafras K2 client is not resident –
then the ArcGIS software must not be installed.**

Refer to the TIPS software licensing webpage for assistance if necessary:
<http://www.tips.osmre.gov/Software/Licensing.shtml>





ArcGIS Desktop 10.3.1 System Requirements

<http://desktop.arcgis.com/en/desktop/latest/get-started/system-requirements/arcgis-desktop-system-requirements.htm>

Supported Platforms

Operating Systems	Minimum OS Version	Maximum OS Version
Windows 8.1 Pro and Enterprise (32 bit and 64 bit [EM64T])	Update: April 2014	
Windows 8 Pro and Enterprise (32 bit and 64 bit [EM64T])		
Windows 7 Ultimate, Professional and Enterprise (32 bit and 64 bit [EM64T])	SP1	
Windows Server 2012 R2 Standard and Datacenter (64 bit [EM64T])	Update: April 2014	
Windows Server 2012 Standard and Datacenter (64 bit [EM64T])		
Windows Server 2008 R2 Standard, Enterprise and Datacenter (64 bit [EM64T])		SP1
Windows Server 2008 Standard, Enterprise and Datacenter (32 bit and 64 bit [EM64T])	SP2	SP2

*ArcGIS 10.x Desktop is a native 32-bit program but will run on a 64-bit Windows machine.



Hardware Requirements

CPU Speed	2.2 GHz minimum ; Hyper-threading (HHT) or Multi-core recommended
Platform	x86 or x64 with SSE2 extensions
Memory/RAM	2 GB minimum
Display properties	24-bit color depth
Screen resolution	1024 x 768 recommended minimum at normal size (96 dpi)
Swap space	Determined by the operating system; 500 MB minimum.
Disk space	2.4 GB In addition, up to 50 MB of disk space may be needed in the Windows System directory (typically, C:\Windows\System32). You can view the disk space requirement for each of the 10.1 components in the Setup program. If using ArcGlobe, additional disk space may be required. ArcGlobe will create cache files when used.
Video/Graphics adaptor	64 MB RAM minimum, 256 MB RAM or higher recommended. NVIDIA, ATI, and Intel chipsets supported. 24-bit capable graphics accelerator OpenGL version 2.0 runtime minimum is required, and Shader Model 3.0 or higher is recommended. Be sure to use the latest available driver.
Networking Hardware	Simple TCP/IP, Network Card, or Microsoft Loopback Adapter is required for the license manager.



Step 1

All ArcGIS products previous to version 10.1 and any third-party extensions or tools must be uninstalled before proceeding with the ArcGIS 10.3.1 installation.

The ArcGIS 10.3.1 setup package is designed to detect and upgrade an existing installation of the same ArcGIS 10.1, 10.2, 10.2.1, and 10.3. The settings for the installation location and license manager are retained in the upgrade.

NOTE that if an earlier version of ArcGIS VBA Compatibility is installed, it must be uninstalled prior to installing the VBA Compatibility version at the 10.3.1 release.

Uninstall ArcGIS versions prior to 10.1 if they are installed

NOTE 1 : all ArcGIS applications, processes, and ArcGIS Server services must be shutdown before using the Uninstall Utility. Applications, processes, and services include, but are not limited to, Server Object Manager (SOM), Server Object Container (SOC), ArcMap, ArcCatalog, and ArcReader. If any applications, processes, or services are running, the ArcGIS 10.3.1 Uninstall Utility may not successfully remove all products.

NOTE 2 : the uninstall utility will not detect third party extensions or plug-ins, or ArcGIS product versions prior to 9.x. Manually uninstall these products using Add/Remove Programs in the Windows Control Panel.

Open the DVD

- Open the **UninstallUtility Folder** and run **1031UninstallUtility.exe**
- Conflicting products (if any) will be displayed
- Click **Uninstall** to remove all displayed products
- After all displayed products have been removed, click **Exit**
- If you receive a Program Compatibility Assistant message, click **Cancel**
- ArcGIS 10.3.1 can now be installed

Files Currently on the Disc (8)

- .Desktop 10.3.1
- DataInteropDesktop
- DataReviewerDesktop
- DesktopBackgroundGP
- Python278_32
- UninstallUtility**
- VBACompatibility
- WorkflowManagerDesktop

Files Currently on the Disc (3)

- htm
- 1031UninstallUtility.exe**
- 1031UninstallUtilityGuide_en.htm

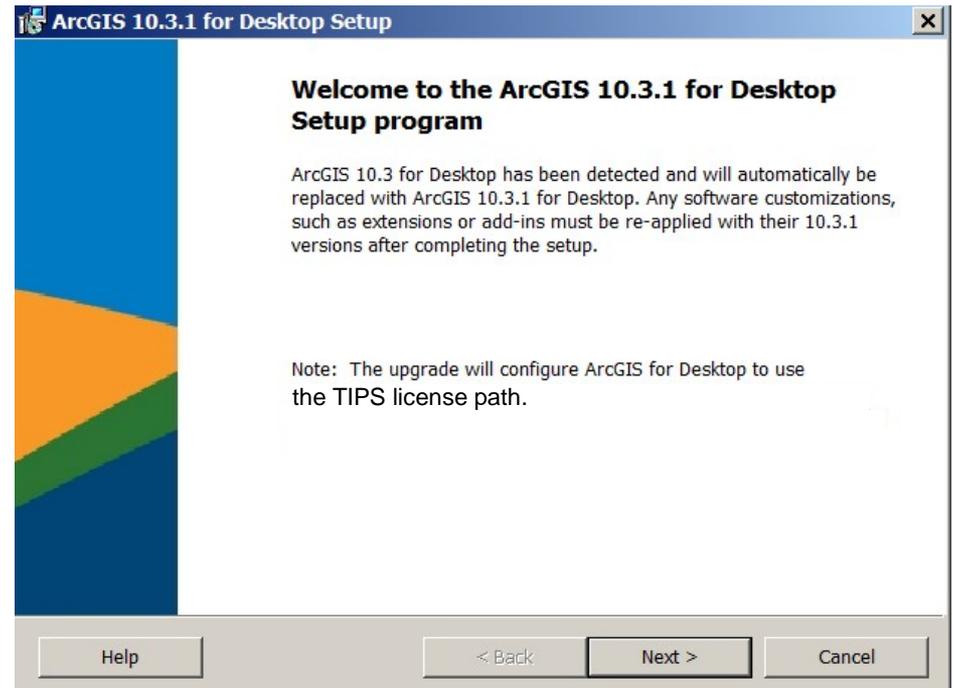
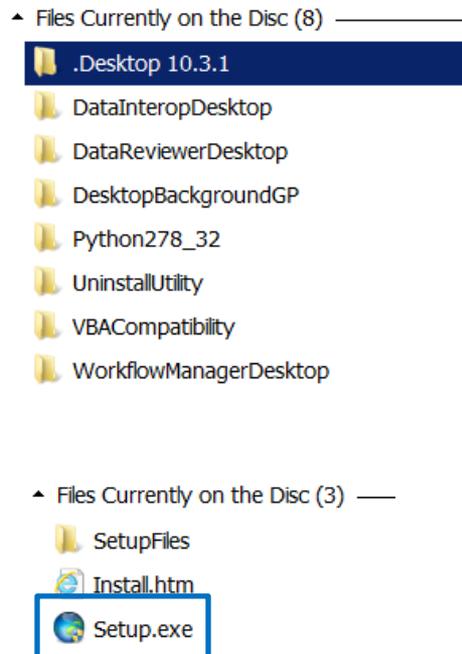
Step 2



Install ArcGIS version 10.3.1

Open the DVD

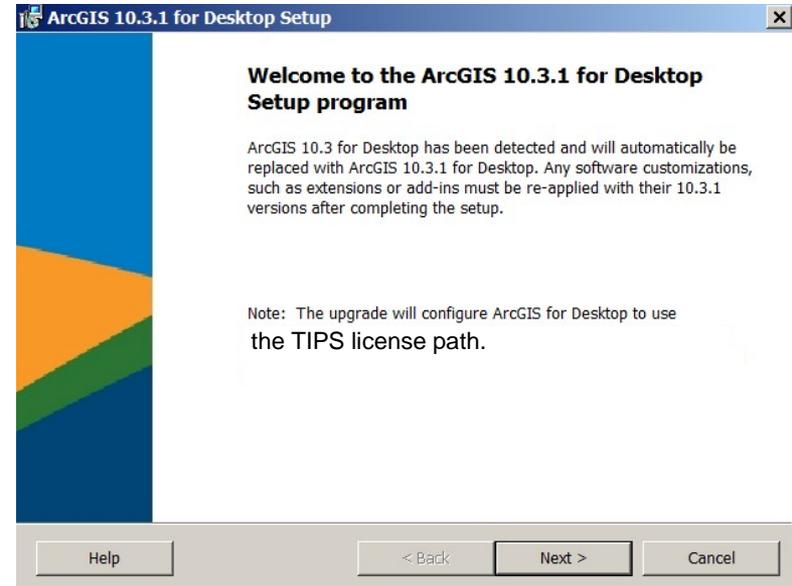
- Open the folder **.Desktop 10.3.1** and run **Setup.exe**
- The ArcGIS 10.3.1 for Desktop Setup wizard will open





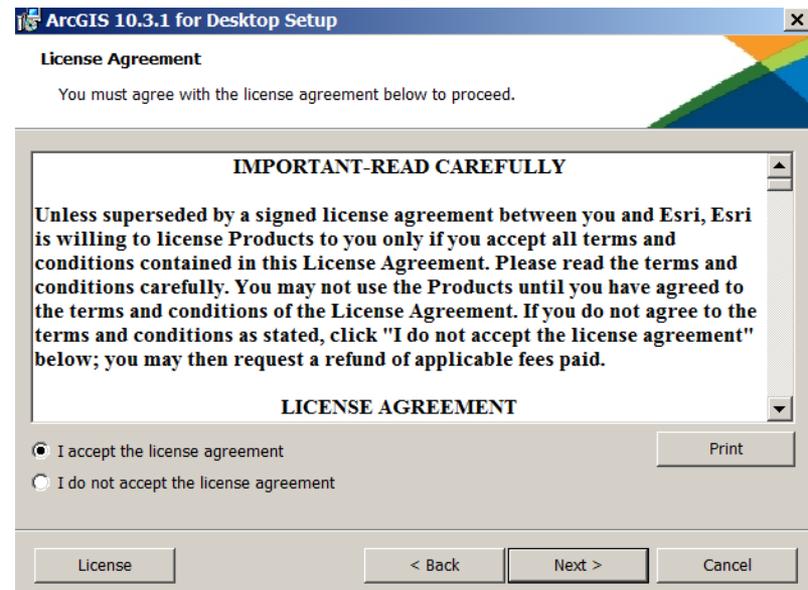
In *Welcome to ArcGIS Desktop Setup program*

- Click **Next**



In the *License Agreement* window

- Click button **I accept the license agreement**
- Click **Next**





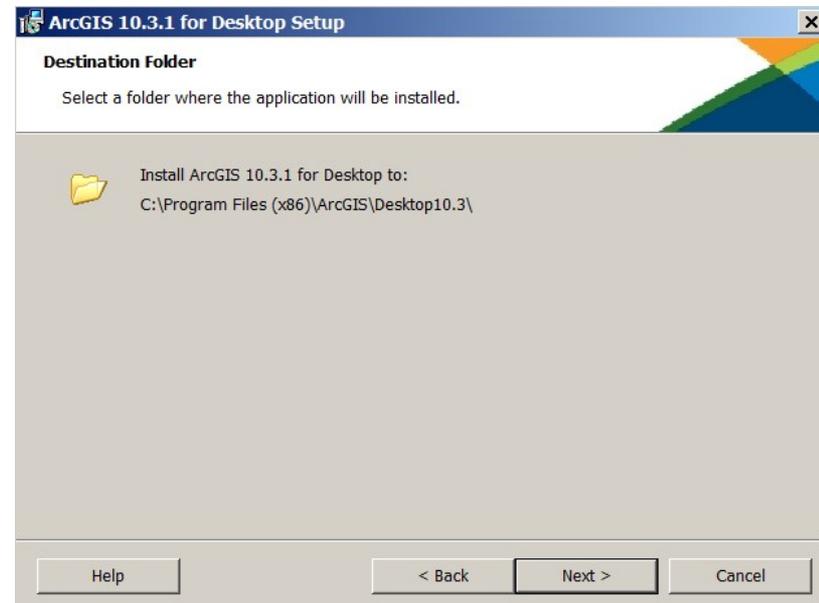
In the *Select Installation Type* window

- Click button **Complete**
- Click **Next**



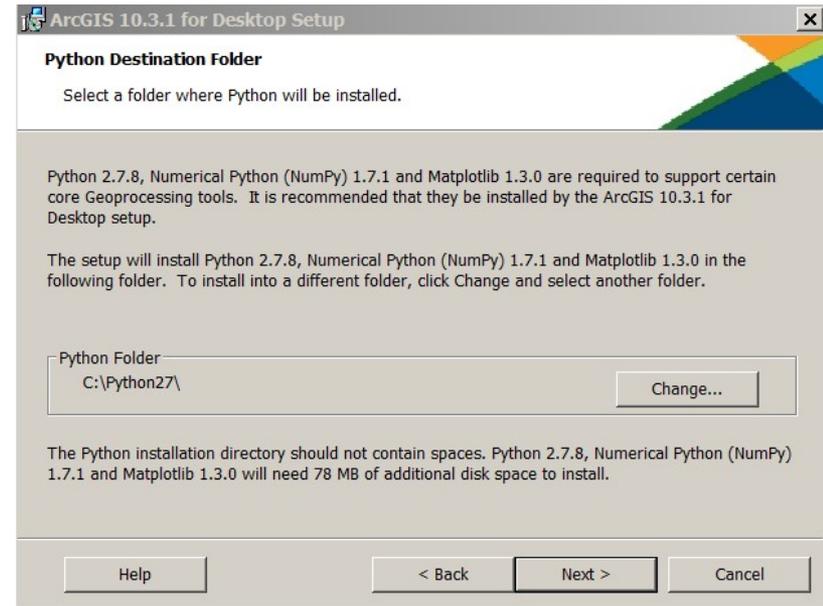
In the *Destination Folder* window

- The user can accept the default location
- Or the user can Browse to a different location
- **It is suggested to accept the default location**
- Click **Next**



If the Python Destination Folder window appears:

- Then you are running a clean install (i.e. the client computer does not have version 10.1 or 10.2.x currently installed.)
- The user can accept the default location
- Or the user can Browse to a different location
- **It is suggested to accept the default location**
- Click **Next**
- If this window did not appear then just proceed on with the directions

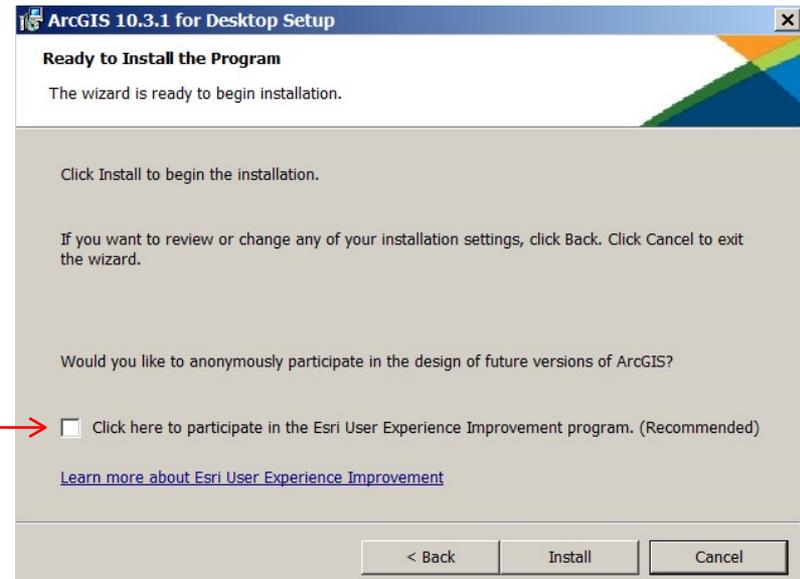


In the *Ready to Install the Application* window

- Un-check the box
- Click **Install**

The installation will begin.

uncheck

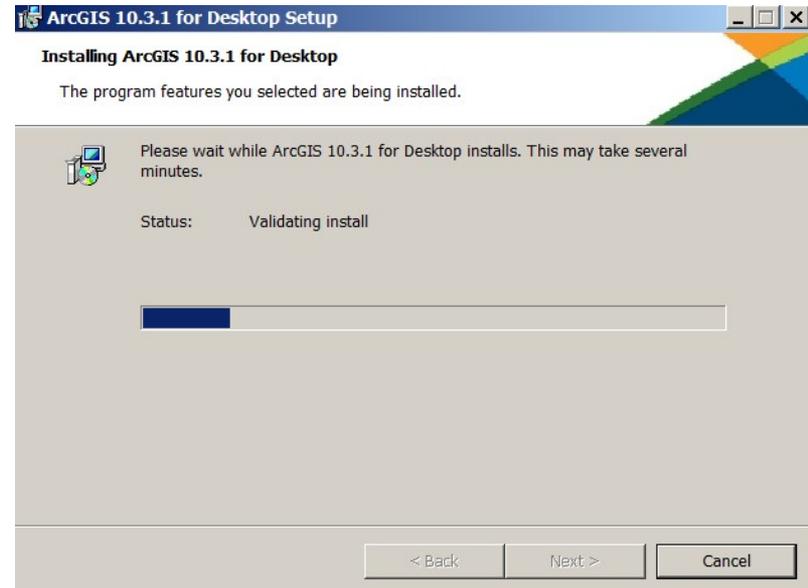




Various message boxes will display while the product is being installed.

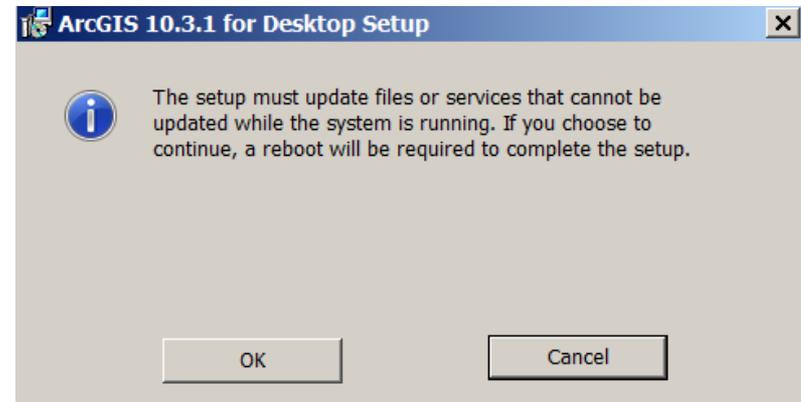
Note: Time remaining message may read 0 and it may appear as if the installation has stalled.

- It hasn't
- The installation may take up to 30 minutes or longer



If you receive a message to reboot the computer then,

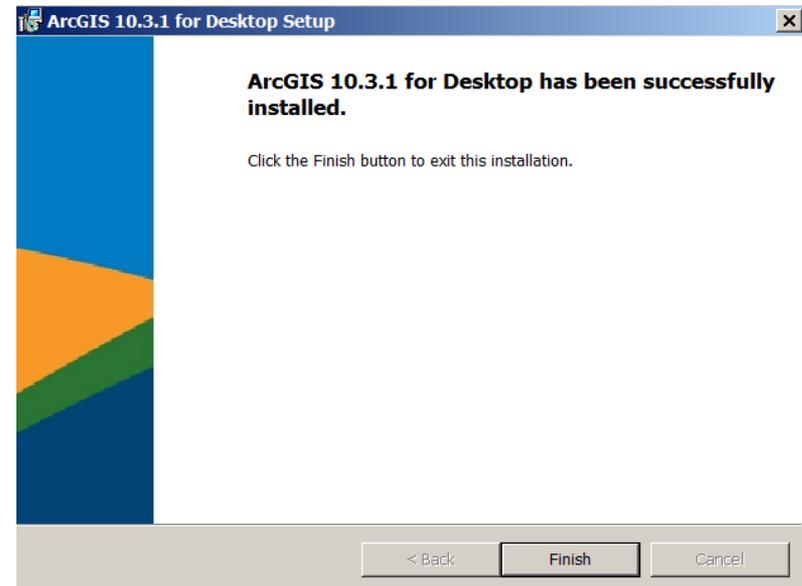
- Click **OK**
- **NOTE** that the computer will not actually reboot at this stage but it will be necessary to manually reboot once the installation is complete.





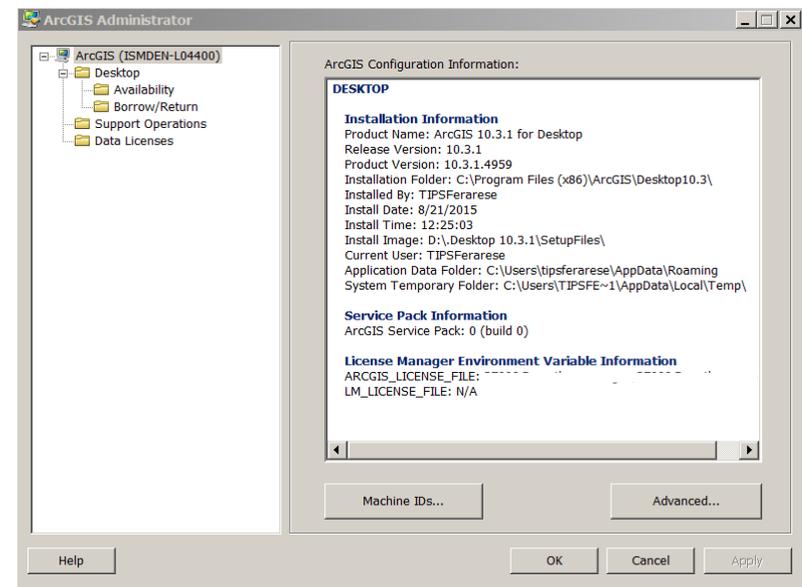
In the *ArcGIS Desktop* has been successfully installed window

- Click **Finish**



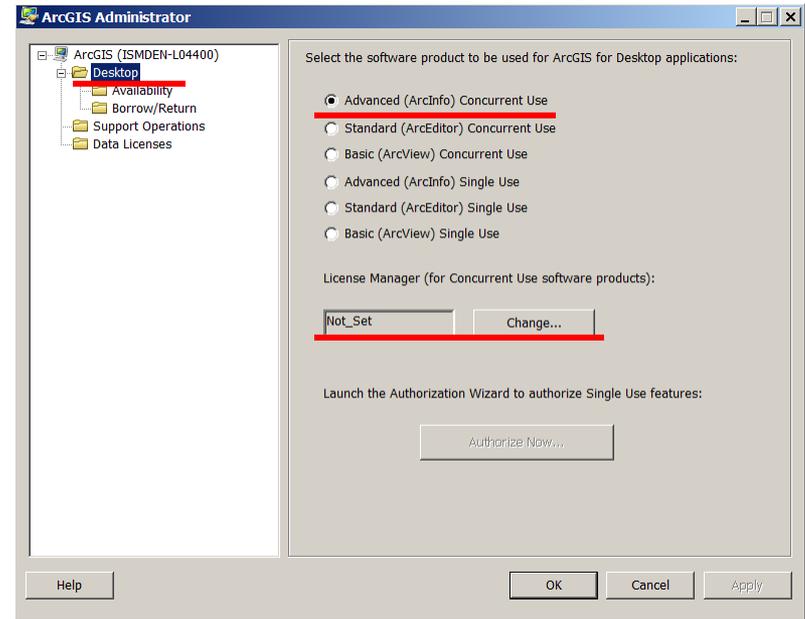
Open the ArcGIS Administrator program and set the license configuration which will also configure the checkout functionality

- Click **Start > All Programs > ArcGIS > ArcGIS Administrator**



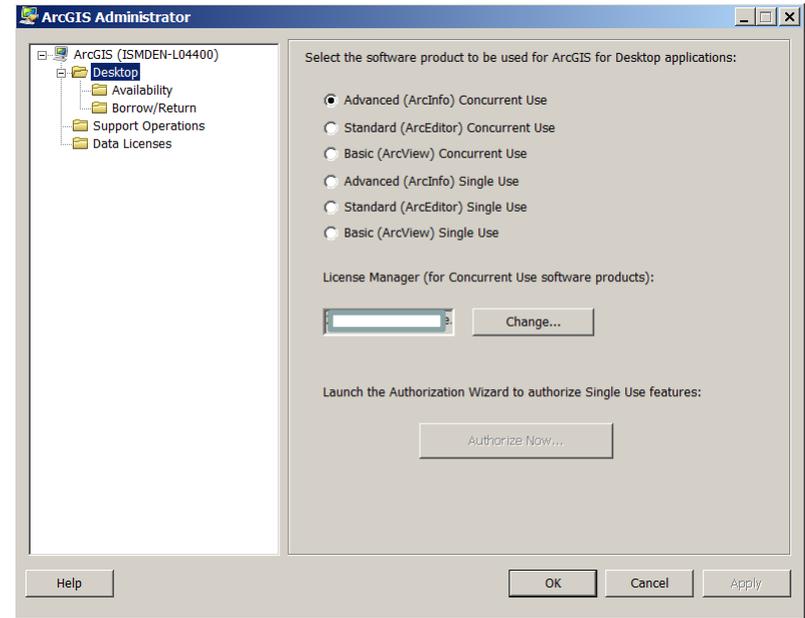
In the *ArcGIS Administrator* window

- Click **Desktop**
- Click button **Advanced (ArcInfo) Concurrent Use**
- If the License Manager box reads **Not Set**,
 - Click **Change...**
 - **Type the license address** provided in the Service Manager Distribution Letter and click **OK**
- If the License Manager box DID NOT read **Not Set**, then just proceed on with the directions



In the *ArcGIS Administrator* window

- Click **OK** on the ArcGIS Administrator window
- **Reboot the computer!**



End