

Generic Installation Instructions ArcGIS Desktop10.1

**Administrative Permission is required in
order to install this software**



Before you install 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.

If there is no Sassafras K2 folder under All Programs, or the KeyVerify does not indicate a valid install, please 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.

ArcGIS Desktop 10.0 System Requirements

<http://resources.arcgis.com/en/help/system-requirements/10.1/index.html>

Supported Operating Systems

Windows XP 32-bit and 64-bit *with most recent Service Pack

Windows 7 32-bit and 64-bit *with most recent Service Pack

Windows Vista 32-bit and 64-bit *with most recent Service Pack

**ArcGIS 10.1 Desktop is a native 32-bit program but will run on a 64-bit Windows machine.*

Software Requirements

.NET Framework 3.5 SP1 must be installed prior to installing ArcGIS Desktop

Internet Explorer 7 or higher

Python 2.7.2 plus Numerical Python 1.6.1 will be installed by a complete installation setup if not already present on the host computer

Hardware Requirements

CPU Speed	2.2 GHz minimum ; Hyper-threading (HHT) or Multi-core recommended
Processor	Intel Pentium 4, Intel Core Duo, or Xeon Processors; SSE2 minimum
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	<p>2.4 GB</p> <p>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.</p> <p>If using ArcGlobe, additional disk space may be required. ArcGlobe will create cache files when used.</p>
Video/Graphics Adapter	<p>64 MB RAM minimum, 256 MB RAM or higher recommended. NVIDIA, ATI, and Intel chipsets supported.</p> <p>24-bit capable graphics accelerator</p> <p>OpenGL version 2.0 runtime minimum is required, and Shader Model 3.0 or higher is recommended.</p>
Networking Hardware	Simple TCP/IP, Network Card, or Microsoft Loopback Adapter is required for the License Manager.

Step 1 for Windows XP *(Advance to page 7 for Step 1 instructions for Windows-7 Operating Systems)*

Previous versions of ArcGIS must be removed before ArcGIS 10.1 can be installed.
All of the following programs, if they are previous to version 10.1 must be uninstalled.

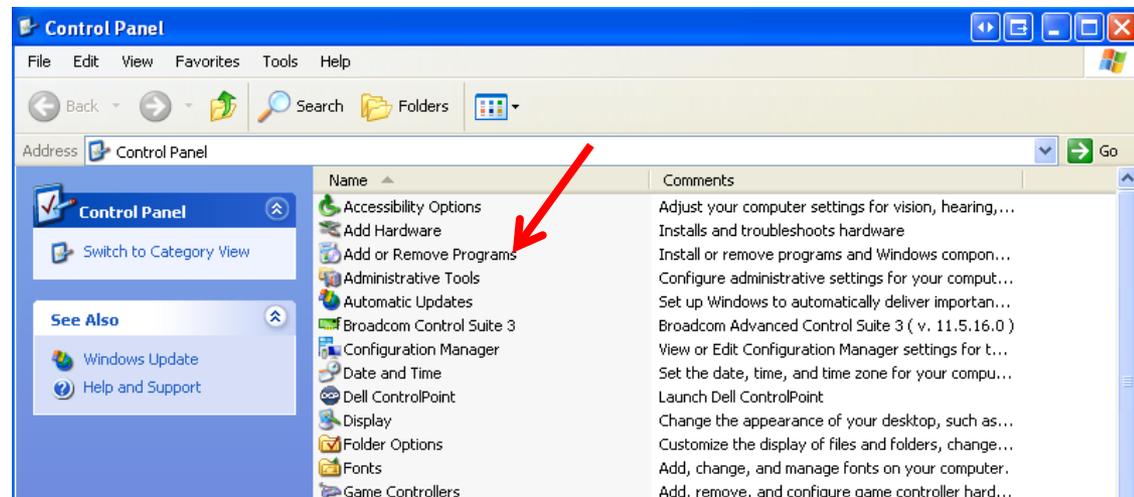
- ArcGIS Desktop
- ArcGIS Desktop Developer Kit
- ArcInfo Workstation
- ArcReader stand-alone
- ArcGIS Engine Runtime
- ArcGIS Engine Developer Kit
- ArcGIS Server
- ArcGIS Server .NET ADF
- ArcGIS Server Java ADF
- ArcIMS
- ArcGIS License Manager
- Python 2.5 and PythonWin

To uninstall programs:

For Windows XP

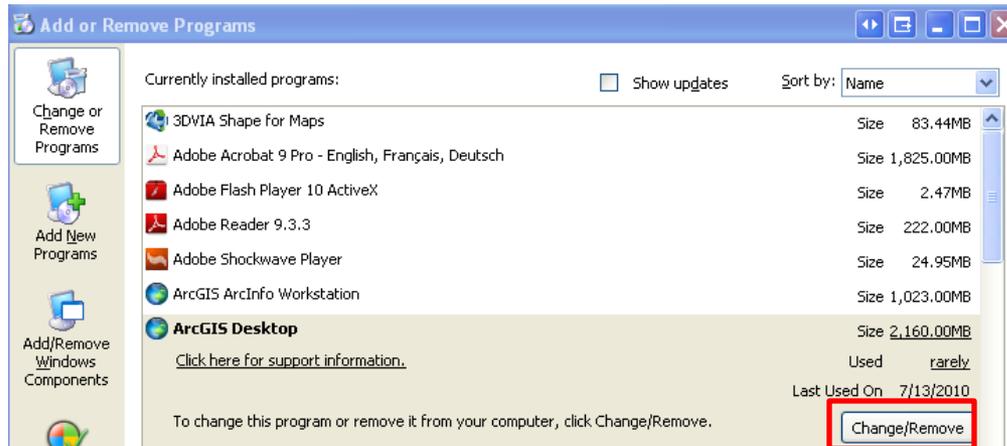
From the Start menu:

- Click **Start > Control Panel**
- Double-click **Add or Remove Programs**



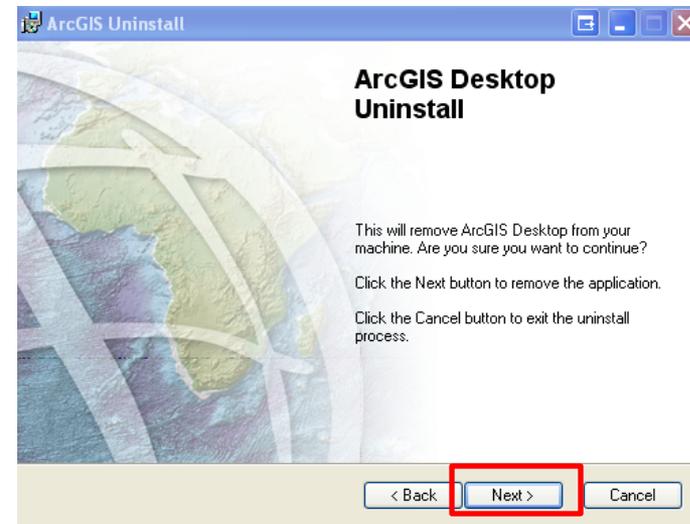
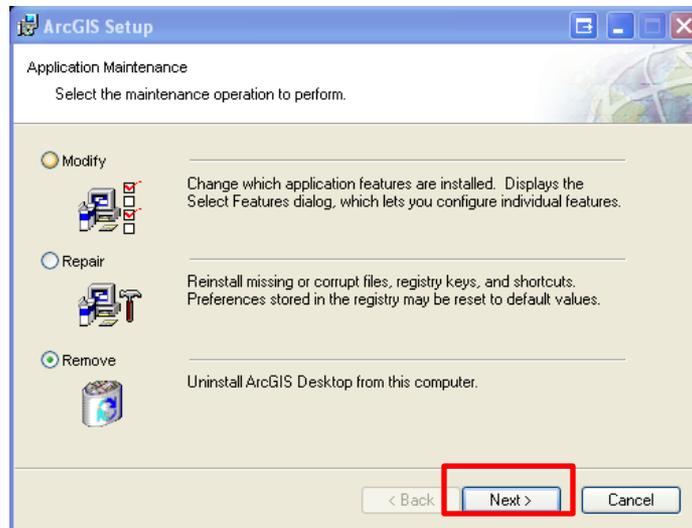
In the *Add or Remove Programs* window click on the name of the program you want to uninstall.

- Click **Change/Remove**



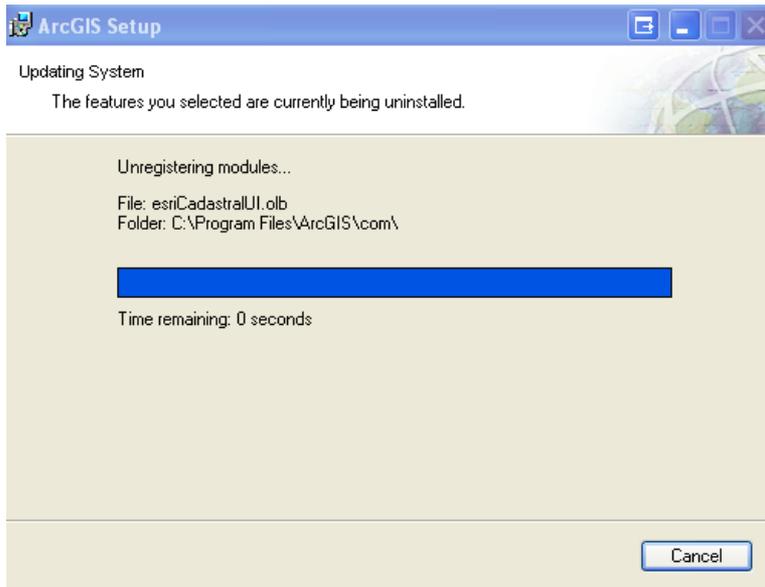
In the *Application Maintenance* window and the *Uninstall* window:

- Click **Next >** and **Next >**



A message window will display while the uninstall takes place.

- Don't be confused by the time remaining bar (it's never accurate.)
- The entire uninstall process may take up to ½ hour or longer.
- When the uninstall is complete click **Finish**.



Continue in the same manner until all of the necessary programs have been removed.

Note: the uninstall wizard for the Python program may appear different.
Simply accept all default options you are presented with and it will uninstall.

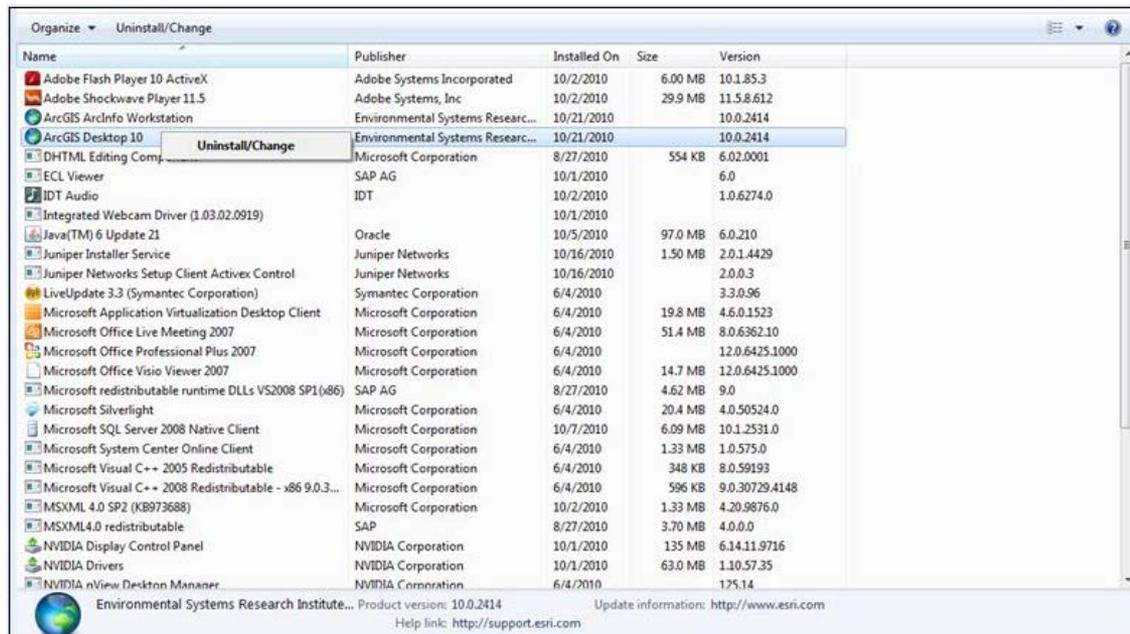
Step 1 for Windows 7

To uninstall programs:

For Windows 7

From the Start menu:

- Click **Start > Control Panel > Programs and Features**, then **Right-click ArcGIS**
- Click **Uninstall**



Continue in the same manner until all of the necessary programs have been removed.

Note: the uninstall wizard for the Python program may appear different.

Simply accept all default options you are presented with and it will uninstall.

Step 2

Reboot your computer.

Exit all Windows programs before starting the ArcGIS 10.1 Installation process!

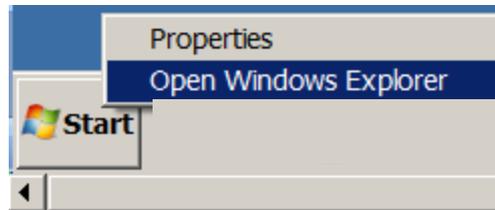
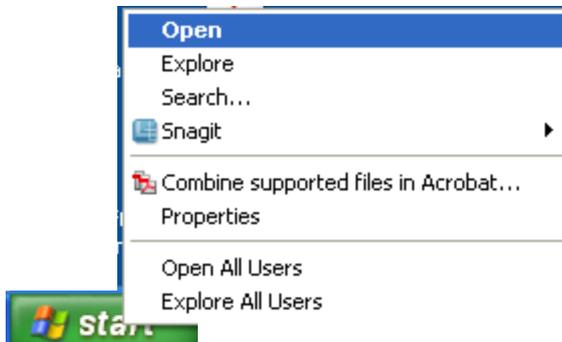
Step 3

Insert the **ArcGIS Desktop 10.1 DVD** into the drive.

If auto run is enabled you will see the menu on page 10 of this Guide. Proceed to page 10.

If auto run is disabled, then:

- Right-click the **Start** button
- Click **Open** (*In Windows 7 Click Start > Open Windows Explore*)
- Browse to your DVD drive
- Click **(Drive:) Esri**



Step 4

A window will open displaying the contents of the ArcGIS DVD.

- Double-click the file **ESRI.exe**

Name ^	Date modified	Type	Size
^ Files Currently on the Disc (20)			
 ArcSDE_Personal	5/22/2012 12:11 PM	File folder	
 CaseTools	5/22/2012 12:11 PM	File folder	
 DataInterop	5/22/2012 12:11 PM	File folder	
 DataReviewer	5/22/2012 12:11 PM	File folder	
 Desktop	5/22/2012 12:11 PM	File folder	
 DotNet35	5/22/2012 12:11 PM	File folder	
 htm	5/22/2012 12:11 PM	File folder	
 LicenseManager	5/22/2012 12:11 PM	File folder	
 Python	5/22/2012 12:11 PM	File folder	
 SDK_dotnet	5/22/2012 12:11 PM	File folder	
 SDK_java	5/22/2012 12:11 PM	File folder	
 VBACompatibility	5/22/2012 12:11 PM	File folder	
 WorkflowManager	5/22/2012 12:11 PM	File folder	
 101UninstallUtility.exe	5/16/2012 11:05 AM	Application	1,968 KB
 101UninstallUtilityGuide.html	3/19/2012 2:16 PM	HTML Document	6 KB
 Autorun.inf	12/4/2009 10:52 AM	Setup Information	1 KB
 ESRI.exe	5/17/2012 3:51 PM	Application	5,673 KB
 esri.ico	1/5/2012 12:21 PM	Icon	319 KB
 quickstart.htm	5/21/2012 2:16 PM	HTML Document	10 KB
 Readme.html	5/16/2012 1:47 PM	HTML Document	2 KB

The ArcGIS Desktop Quick Start Guide window will appear.

- If you did not uninstall all ArcGIS programs as specified in the previous pages, then click **Run Utility**.
 - **NOTE: Product versions prior to 9.X are not detected, and Python is not detected. Manually uninstall these products (using the Operating System Add/Remove Programs).**
 - **The ArcGIS 10.1 Uninstall Utility will not detect third party extensions or plug-ins. Manually uninstall these products (using the Operating System Add/Remove Programs) preferably before removing any ArcGIS products.**
 - **This utility is intended for Windows only.**

ArcGIS for Desktop 10.1

Quick Start Guide [Readme](#)

Uninstall Existing ArcGIS Software - REQUIRED IF UPGRADING AN EXISTING INSTALLATION

[Run Utility](#) [Readme](#)

ArcGIS for Desktop

ArcGIS for Desktop	Setup	Install Guide
ArcSDE for Microsoft SQL Server 2008 R2 Express (Personal)	Setup	Install Guide
ArcGIS Data Interoperability for Desktop	Setup	
ArcGIS Data Reviewer for Desktop	Setup	Install Guide
ArcGIS Workflow Manager for Desktop	Setup	Install Guide

ArcGIS License Manager - REQUIRED UPDATE FOR ARCGIS DESKTOP AND ENGINE USERS

ArcGIS License Manager	Quick Start Guide	Setup	Reference Guide
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ArcObjects SDKs

ArcObjects SDK for Microsoft .NET Framework	Setup
ArcObjects SDK for Java	Setup

The Solaris and Linux setups for the License Manager are included on the media; see the Quick Start and License Manager Reference Guide for more information.

Using the ArcGIS 10.1 Uninstall Utility

Launch the utility by clicking the ArcGIS 10.1 uninstall Run Utility link or manually double-clicking 101UninstallUtility.exe.

Conflicting products will be displayed. Click uninstall to remove all displayed products.

After all displayed products have been removed, click exit to dismiss the utility.

ArcGIS 10.1 can now be installed.

At the ArcGIS Desktop Quick Start Guide:

- Click **Setup** for ArcGIS Desktop (and answer Yes to any window which may appear.)

ArcGIS for Desktop 10.1

Quick Start Guide [Readme](#)

Uninstall Existing ArcGIS Software - REQUIRED IF UPGRADING AN EXISTING INSTALLATION
[Run Utility](#) [Readme](#)

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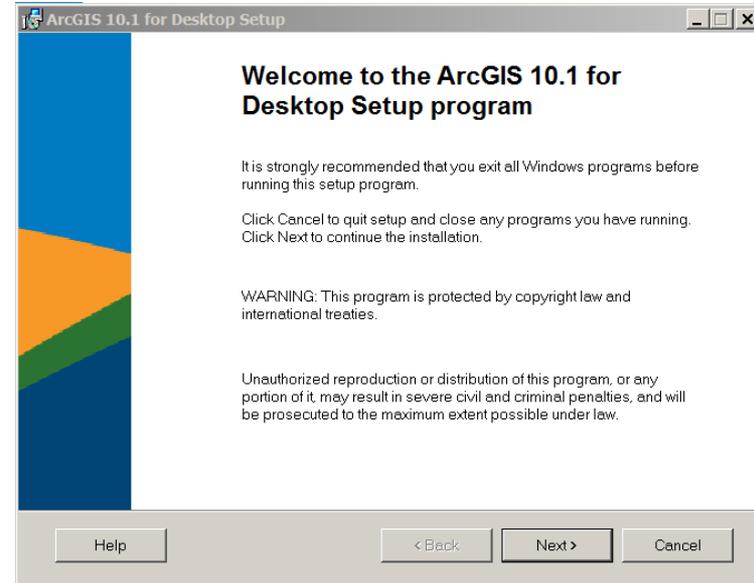
ArcObjects SDKs

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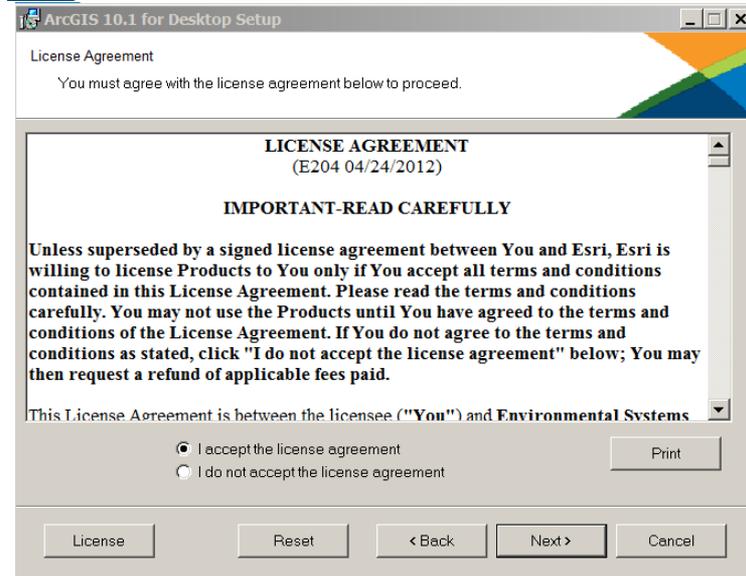
In *Welcome to ArcGIS Desktop Setup program*

- Click **Next**



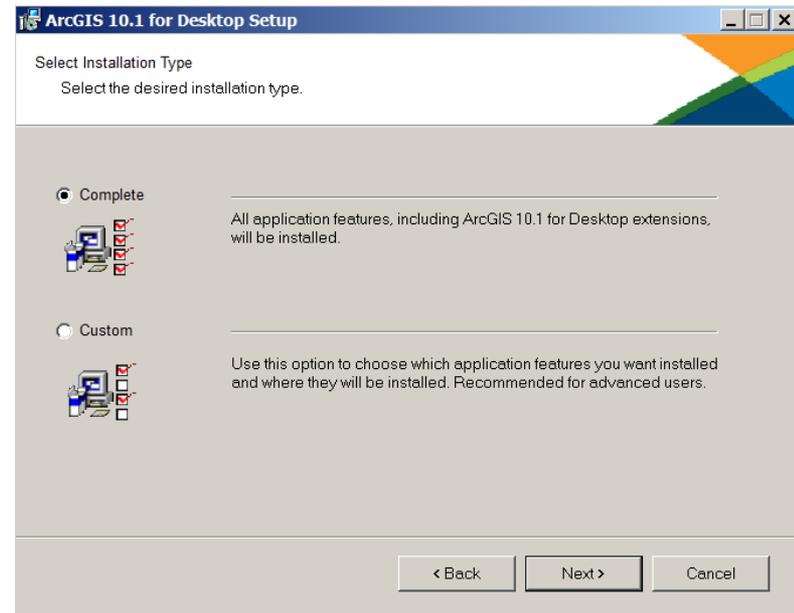
In the *License Agreement* window

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



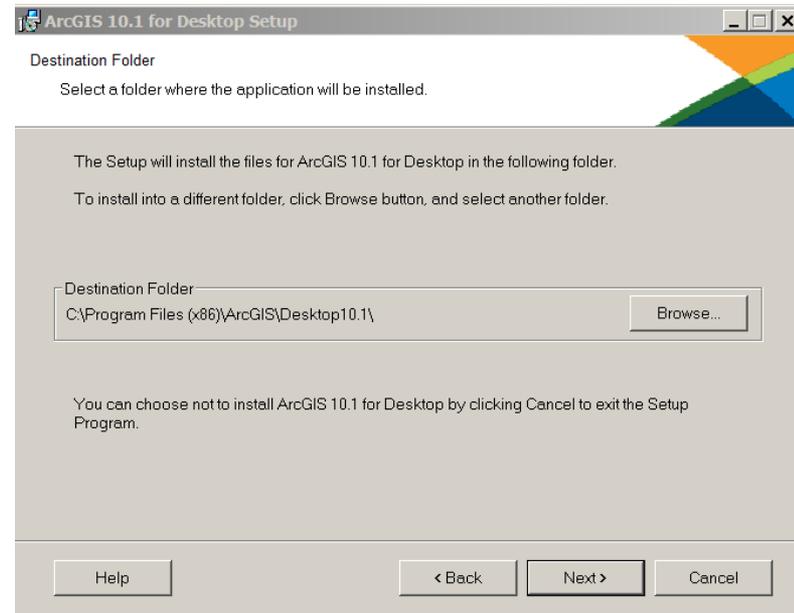
In the *Select Installation Type* window

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



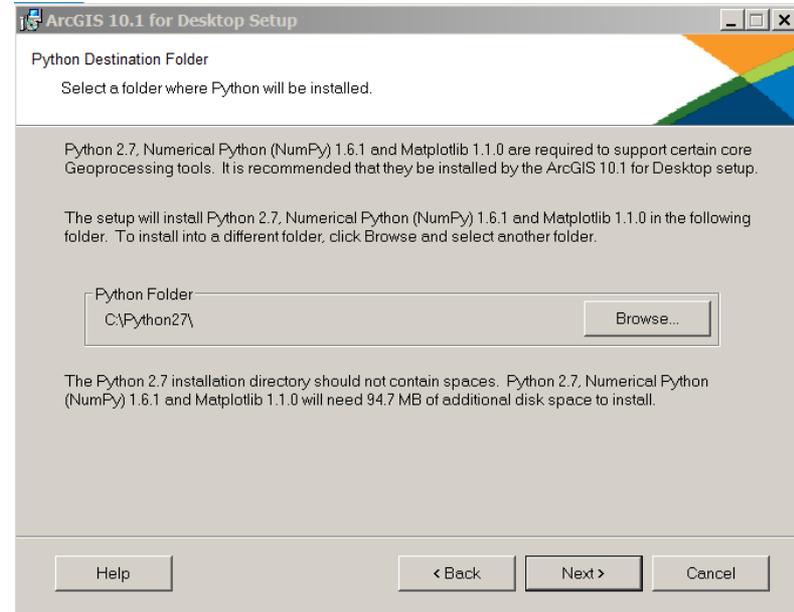
In the *Destination Folder* window

- 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**



In the *Python Destination Folder* window

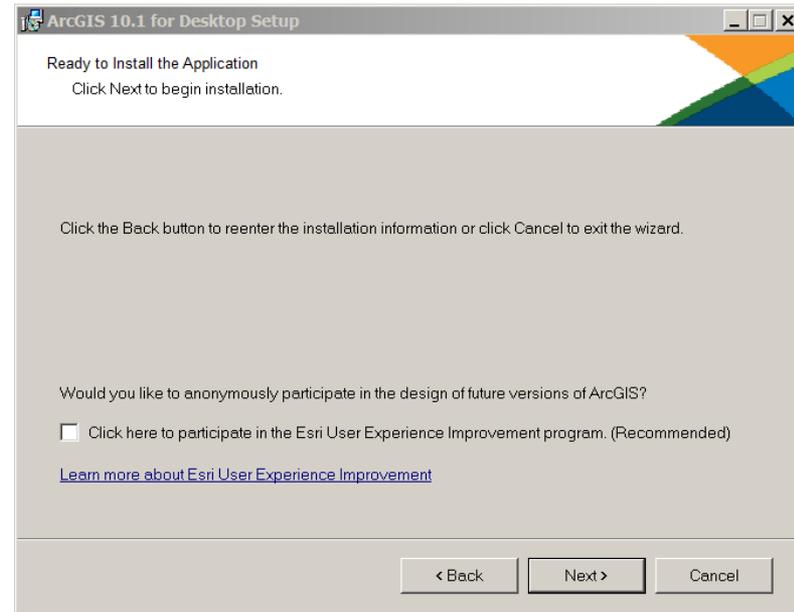
- The user can accept the default location
- Or the user can Browse to a different location
- It is suggested to accept the default location
- Click **Next**



In the *Ready to Install the Application* window

- Click **Next**

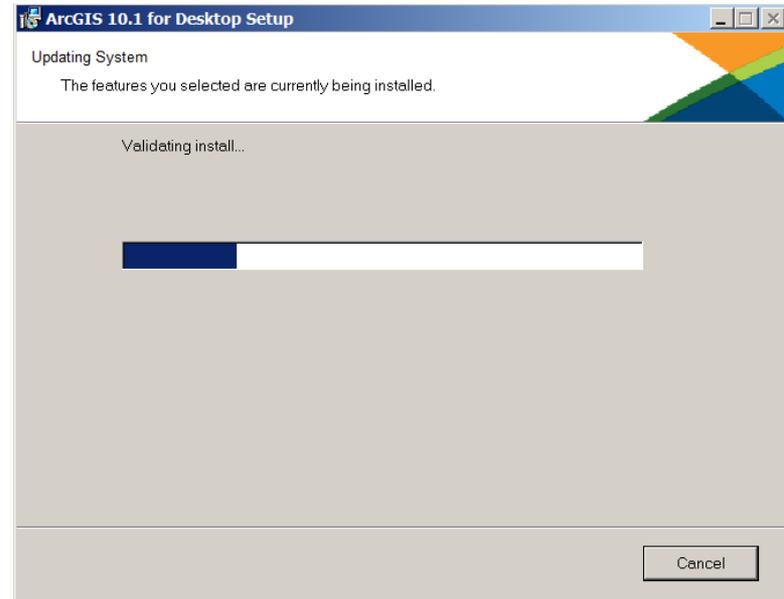
The installation will begin.



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

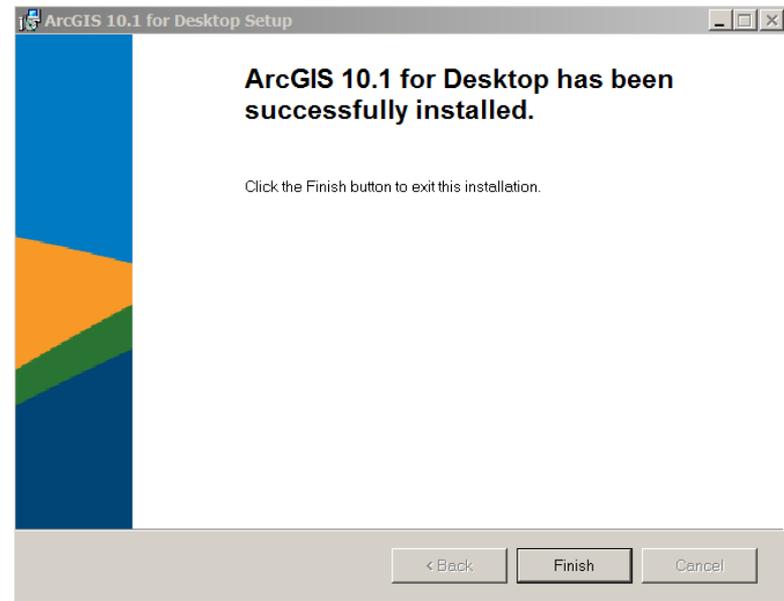
Note: Time remaining message may read 0 minutes and it may appear as if the installation has stalled.

- It hasn't
- The installation may take up to 15 minutes or longer



In the *ArcGIS Desktop* has been successfully installed window

- Click **Finish**



Step 5

In the *Administrator Wizard* window

- For step 1 click the radio button **ArcInfo (Concurrent Use)**
- For step 2 click the radio button Define a License Manager later later
- Click **OK**

ArcGIS Administrator Wizard

1. Select a product

ArcGIS Desktop

- Advanced (ArcInfo) Concurrent Use
- Advanced (ArcInfo) Single Use
- Standard (ArcEditor) Concurrent Use
- Standard (ArcEditor) Single Use
- Basic (ArcView) Concurrent Use
- Basic (ArcView) Single Use

ArcGIS Engine

- ArcGIS Engine (Concurrent Use)
- ArcGIS Engine (Single Use)
- ArcGIS Engine and ArcGIS Engine Developer Kit (Single Use)

Esri CityEngine

- Advanced Concurrent Use
- Advanced Single Use
- Basic Concurrent Use
- Basic Single Use

2. Define a License Manager for Concurrent Use products

License Manager

- Define a License Manager now:
 - Not_Set
 - Browse...
- Define a License Manager later from the ArcGIS Administrator

2. Launch the Authorization Wizard for Single Use products

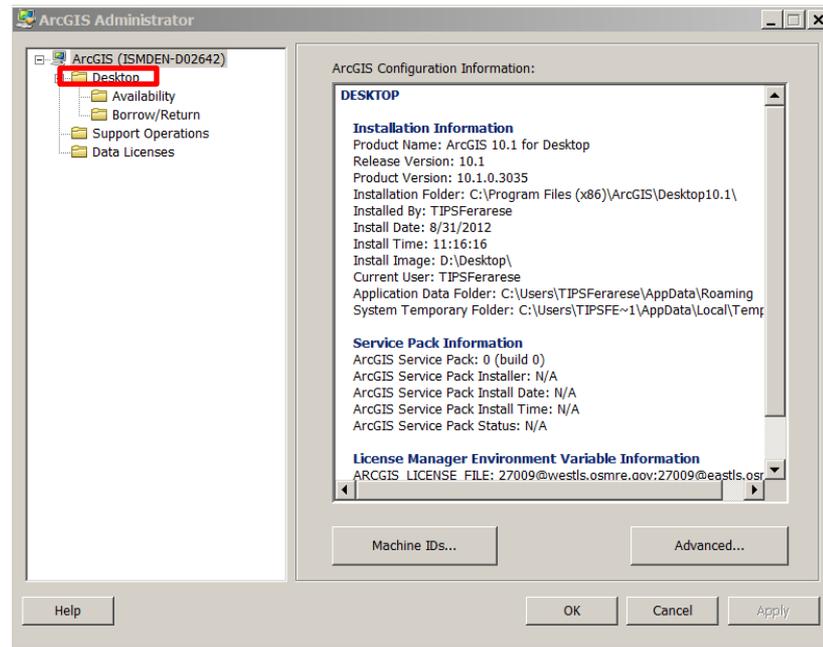
Authorization Wizard

Authorize Now

OK Cancel

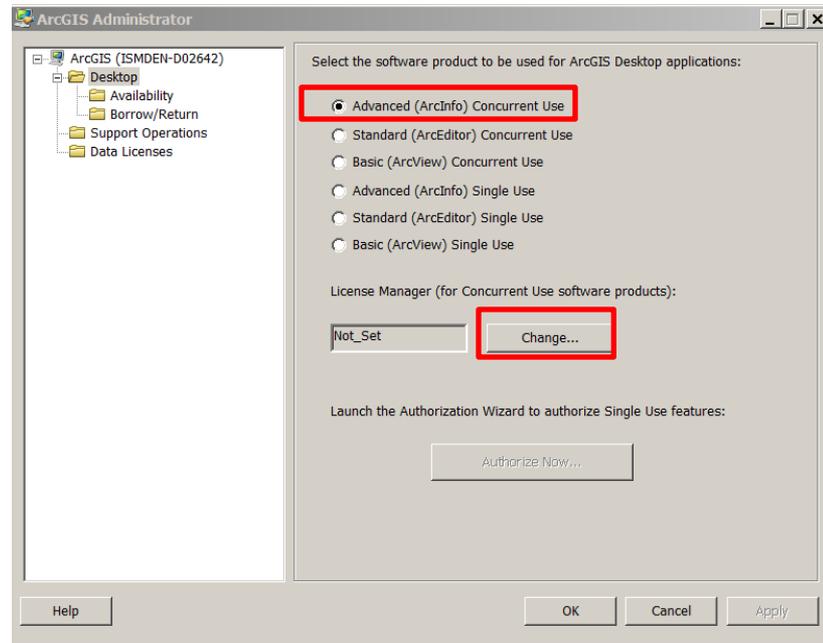
In the *ArcGIS Administrator* window

- Click the **Desktop** folder



In the *ArcGIS Administrator* window

- Click the **ArcInfo (Concurrent Use)** radio button
- Click the **Change...** button



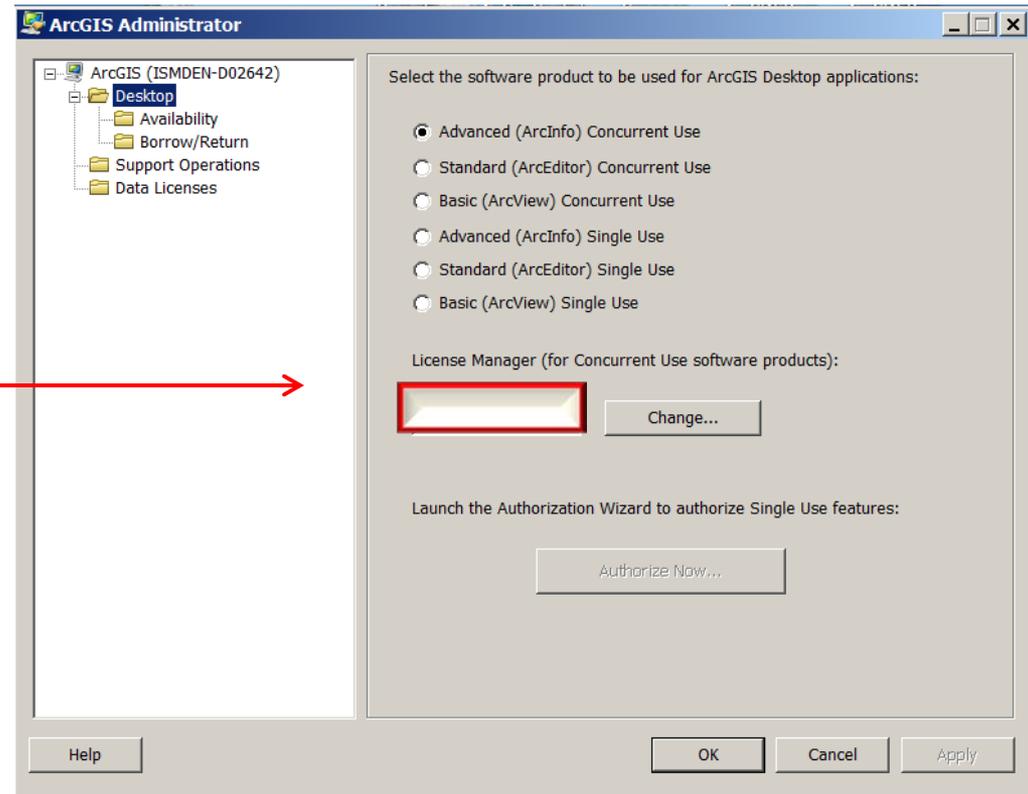
In the *Change License Manager* window

- **Type the address provided in the Distribution Letter**
- Click **OK**



The *ArcGIS Administrator* window will reflect the correct License Manager as defined in the Distribution Letter

- Click **OK**
- **Remove the ArcGIS Desktop 10.1 DVD from the drive**



Step 6 -- This step is important – Don't skip it!

Visit the ESRI Patches and Service Packs webpage:

<http://support.esri.com/en/downloads/patches-servicepacks>

- Download and install the latest Service Pack for ArcGIS 10.1 Desktop
(On the right hand side of the web page under Latest Patches and Service Packs look for “ArcGIS 10.1 Service Pack”)

Step 7

Reboot your computer.

End

Latest Patches and Service Packs RSS

- Esri Roads and Highways 10 Service Pack 2
August 24, 2012
- Tracking Server 10.1 Patch 1 August 15, 2012
- ArcGIS 10 (Desktop, Engine, Server) Service Pack 5 - Spanish August 13, 2012
- Business Analyst 10 - Reports Fix (BA10SP3 + ArcGIS10SP5) August 9, 2012
- ArcGIS 10.1 Service Pack 1 Announcement
August 6, 2012

Example →

