Setup Instructions

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Introduction

Welcome to the 2012.0.0 release of the *Discovery*TM, Landmark® Connectivity, and Seismic Modeling software.

- **Discovery** includes the Discovery[™] 2012.0.0, PRIZM [™] 2012.0.0, smartSECTION® 2012.0.0 and SeisVision[™] 2012.0.0 software.
- Landmark Connectivity includes the WellXchange™, GridXchange and SeisXchange™ software.
- Seismic Modeling includes the LogM[™] 2012.0.0 and STRUCT[™] 2012.0.0 software.

Discovery software is available through the Landmark Software Manager (LSM) or, on request, on a DVD.

Caution: General Installation Requirements - please refer to the <u>System</u> <u>Requirements</u> for a complete list	 The following conditions must be met before you can install the Discovery, Landmark Connectivity, and Seismic Modeling software: You must have Administrative Rights to the local computer that will run the install. Must have Internet Explorer 6.0 or higher installed. Microsoft .NET 3.5, SP1 must be installed. Must have networking installed including the TCP/IP protocol. This software should only be installed on Windows ® XP Professional 64 bit, Windows ® 7 Professional 64 bit, Windows ® 7 Enterprise 64 bit, Windows ® 7 Ultimate 64 bit, Windows ® Server2003 Standard 64 bit, Windows ® Server2003 Enterprise 64 bit, Windows ® Server 2008 R2 Standard 64 bit, or Windows ® Server 2008 R2 Enterprise 64 bit operating systems.
	 If using Discovery on OpenWorks, OpenWorks for Windows 5000.0.1.6 must be installed. OpenWorks for Windows has two install options; you can use either the Full install option (recommended) or the Basic install option.
	• If working in a network environment, do not forget that for all computers to continue to work together in shared projects, ALL computers (clients and servers alike) must be updated to the same version of Discovery if any of them are updated. It is intentional that computers with different versions of the Discovery software can not (in normal circumstances) and should not (in any case) be connected with each other.

The Welcome Guide document included with the download from LSM or on your DVD contains information on exciting new enhancements and features in the Discovery 2012.0.0 release.

This document includes very important information that you should read before installation:

- Before You Begin Installation
- <u>System Requirements</u>
- Installation Overview and Step-by-Step Instructions
- Utilities
- Uninstalling Discovery Software

If you have any questions or issues with installation, don't hesitate to contact Technical Support.

Print You can print this installation guide:

- ullet From the Contents page to the left, select the desired book- $igodoldsymbol{\otimes}$ or topic- $\begin{array}{c} relation r$
- Click the Print button on the toolbar.
- When the Print Topics dialog box appears, select one of the two options.
- Click OK when the Print dialog appears.

Before You Begin Installation

Before you start the installation process, GeoGraphix recommends that you follow these guidelines.

1. If you are working in a network environment, install the LAM license server on one computer to be used by all client computers. The LAM license server setup is available from LSM.

2. Discovery 2012.0.0 does not require a new license file and is compatible with license version 5000.0.2.

3. Make sure you have the current install obtained from LSM or on the DVD and the most recent software update files (if applicable) at the time of install.

4. Make complete backups or archives of all your projects. This is a very important step, **DO NOT SKIP THIS STEP**. Remember, a backup (such as from a tape) is only as good as the last time it was tested.

5. Backup any customized files from the **Data** directory such as custom libraries, symbols, and coordinate system files. Do this only if there is ANY chance of going back to the previous version.

6. Test any project updates or functionality if desired in a non-production environment.

7. Make sure that the <u>prerequisites</u> have been installed.

Note: If working in a network environment, do not forget that for all computers to continue to work together in shared projects, ALL computers (clients and servers alike) must be updated to the same version of Discovery if any of them are updated. It is intentional that computers with different versions of the GeoGraphix software can not (in normal circumstances) and should not (in any case) be connected with each other.

System Requirements

System Requirements

System requirements for all Discovery applications are provided as general guidelines. Hardware requirements will vary considerably depending on types of projects, project sizes, number of users, and network infrastructure/traffic. Contact your technical sales representative or technical support to discuss your requirements.

Workstation: Discovery

- Geologic Suite (DataManager, GESXplorer, and PRIZM)
- Geophysical Suite (SeisVision, pStaX, and SCAN)

- Project Server: Discovery
 - Geologic Suite (DataManager, GESXplorer, and PRIZM)
 - Geophysical Suite (SeisVision, pStaX, and SCAN)

Next: Installation

Return to: Introduction

System Requirements - Workstation: Discovery

Operating system requirements		
Supported Operating system	RAM	CPU
Windows® 7 Professional x64		
Or Windows® 7 Enterprise x64 Or Windows® 7 Ultimate x64	2 GB Minimum 8 GB Recommended	Pentium 4 class or better Dual processors/cores
Windows® XP Professional 64 bit SP2	2 GB Minimum 4 GB Recommended	Pentium 4 x 64 class or better Dual processors/cores
Notes		
Note 1 – Current service pack versions are listed. We recommend using the latest Microsoft service packs and security patches. Note 2 – Actual available RAM on 32 bit platforms will generally be less than 4 GB due to OS limitations.		

Graphics Hardware Requirements

Application Support Level	Required Operating System	Required Graphics Hardware
All Discovery Applications including Discovery 3D	Supported Windows® 7	DirectX 10 (see note 2) or DirectX 11 capable hardware
Discovery Applications <i>except</i> for Discovery 3D	All Supported	All Supported
Notes		
Note 1 – Microsoft DirectX End-User Runtime (August 2009) is required to run Discovery 3D.		

Note 2 – Most DirectX 10 capable hardware can run Discovery 3D provided they support "Compute Shader 4.0." Windows Vista requires SP2 or later and the Platform Update for Windows Vista. Installing this update enables selected DirectX 11 technologies on Windows Vista. Both Windows Vista and Windows 7 systems may need to install the latest display drivers for the hardware.

Additional Requirements and Recommendations

- Download install available through Landmark Software Manager (LSM). DVD-ROM required for media install.
- DCOM configured to allow remote access. Only necessary if sharing projects.
- Microsoft .NET Framwork 3.5, SP1 is required.

Optional Software Requirements		
For spreadsheet Import Utility in WellBase, SeisBase, and LeaseMap	Excel 2003 or 2007	
For Selected Help Files	Adobe Reader	
For Discovery on OpenWorks, GridXchange, SeisXchange	OpenWorks for Windows 5000.0.8.0 – Basic or Full (recommended) Install available on LSM. And SeisWorks 5000.0.2.0 (for seismic workflows) See notes <u>below.</u>	
For Georeferenced raster images and CAD files in ArcObjects layers in GeoAtlas	ESRI ArcGIS Runtime Engine 9.3.1 (On Discovery DVD or downloaded from LSM - Discovery 3rd Party Installer)	
For LogARC [™] Version 3.2.1.00 access in smartSECTION	To use the LOGarc [™] feature the LOGarc [™] Version 3.2.1.00 software must be downloaded from IHS LogTech Canada, LTD and a valid account must be in place. You must have administrator rights to the computer you will load the software to.	
For TracPlanner Xpress for Discovery	WellPlanning for Discovery 2012.0.0 (contained within the DecisionSpace 5000.0.3.0 software, which is available on LSM). Oracle Express Client or Oracle 10g Client 10.2.0.4 (32 bit)	

Note: The OpenWorks Full install requires Hummingbird Exceed. The Oracle client installation in use with the OpenWorks Full installation requires that the "Administrator" option be selected. The "Administrator" option type includes the SQL Plus and the Oracle Database Utilities components, which are needed to run Discovery on OpenWorks, as part of the total OpenWorks package.

<u>Note</u>: Hummingbird Exceed is not required for the OpenWorks Basic install. If OpenWorks Basic installation is used, the Oracle client installation can use the "Administrator" option, which will include all of the needed components. Or, the Oracle client installation for the OpenWorks Basic

installation can use the "Custom" installation type. However, with this install type these utilities are needed:

- Oracle Database Utilities 10.2.1.0
- SQL *Plus 10.2.1.0
- Oracle JDBC/THIN Interfaces 10.2.1.0
- Oracle Net 10.2.1.0

After these Oracle components are installed, run the upgrade patch to Oracle 10g 10.2.0.4 (32 bit).

System Requirements: Discovery Server

```
Note:
```

A project server may have a workstation or server operating system.

Operating system requirements		
Supported Operating system	RAM	CPU
Windows® Server 2008 R2 Standard x64 or Windows® Server 2008 R2 Enterprise x64 Windows® Server 2003 Standard x64 or	4 GB Minimum 8 - 16 GB Recommended 4 GB Minimum 8-16 GB Recommended	Pentium 4x 64 class or better Multiple (2-4) processors/cores Pentium 4 x 64 class or better Multiple (2-4) processors/cores
Windows® Server 2003 Enterprise x64		
Notes		
 Note 1 – Memory recommendations beyond 4 GB are only beneficial when running a large (>2 GB) cache size for the database engine. Note 2 – Client applications (e.g. WellBase) are not supported on server OS versions. 		
Note3 – We recommend using the latest Microsoft service packs and security patches.		

Additional Requirements and Recommendations

- Download install available through Landmark Software Manager (LSM). A DVD-ROM is required for media install.
- DCOM configured to allow remote access.

Server performance is subject to a large number of variables. It is impossible to give specific recommendations here, but these are some guiding principals to use. In general, multi-user performance of a GeoGraphix Project Server is best when the server is dedicated to GeoGraphix and not shared with other applications, especially database applications. In addition, consideration should be made for the number of GeoGraphix users and the size and number of concurrently accessed projects. At some point having multiple project servers becomes a better solution than having all users on one server. Generally, somewhere between 10 and 20 users is when a second server might be suggested.

Networking

Networking performance depends on the number of users trying to access a server simultaneously as well as the bandwidth requirements for those users. Recommendations for server bandwidth typically specify server connectivity at a higher bandwidth

than an individual user. For instance, users running at 100 Mbit should be accessing a server running on a 1 Gbit backbone. If users are at 1 Gbit, consider running multiple 1 Gbit connections on the server.

Database Cache

A large database cache is an important factor to consider when dealing with multiple users accessing large databases. A cache size of up to 1.8 GB is available using basic database startup settings. Larger cache sizes are available but these require special configuration.

Storage

A great deal of Discovery's access patterns on a server deal with file I/O. Database access, raster images and seismic data are examples of files that benefit substantially from a fast disk sub-system. Server environments also place a high importance on data integrity and reliability. At a minimum, consider using a RAID 5 (striped with parity) array. As the size of disks increase, you may also want to consider a hot swap drive and/or RAID 6 (striped with dual parity). Using a controller card with its own cache can also help improve performance.

Network Attached Storage (NAS), Storage Area Networks (SAN), and Other Non-Windows Storage Solutions

There are two typical methods used for accessing external storage devices from a project server; iSCSI and CIFS.

• iSCSI allocates a block of storage on the external device and makes it appear to be a physical disk on the project server. This has the advantage of a 100% compliant file system. However since the external device sees the allocation as one big file, it makes backup and restore of individual files using the external device's capabilities problematic. Standard backup and restore from the server still work.

• Using CIFS for external storage devices depends greatly on the vendor's implementation of the CIFS protocol used by the Windows platform. In general, a 100% compliant implementation of CIFS for a performant system is required. In particular, vendor's implementation of the "File Change/Notify" functionality has been problematic. Devices based on Windows Storage Server should be 100% compatible since it shares its components with Windows. Implementations based on UNIX/Linux are where problems occur due to the fact that the kernel level support is not there.

Prerequisites

Discovery 2012.0.0 has several prerequisites that are required to run the software as well as prerequisites that are used to enhance the software.

Microsoft .NET Framework 3.5, Service Pack 1

Discovery 2012.0.0 must have Microsoft's .NET 3.5, SP1 installed first otherwise this message box will appear and the setup will end:



The Microsoft .NET 3.5, SP1 can be downloaded from Microsoft's website and then installed.

ESRI ArcGIS 9.3.1 Runtime Engine

New functionality within GeoAtlas related to georeferenced images and CAD files requires ESRI ArcGIS 9.3.1 Engine. ArcGIS can be installed by downloading the Discovery Third Party Installer from the LSM or ordering the media through the LSM. If the ArcGIS Engine is not installed this message box will appear but the setup will continue:

GeoAtlas E	SRI ArcGIS Information
i	New functionality within GeoAtlas related to georeferenced images and CAD files requires ESRI ArcGIS 9.3.1 or ESRI ArcGIS 10 with Service Pack 3. ArcGIS can be installed from the Discovery Third Party Installer. The Discovery Third Party Installer can be downloaded from the LSM and is also available on DVD. If the new GeoAtlas functionality is not needed, it is not necessary to install the ArcGIS software. The setup will continue.
	ОК

Microsoft DirectX 10 March End-User Runtimes

Discovery 3D requires Microsoft's DirectX 10 August 2009 End-User Runtimes to work properly. Discovery 3D only works on a Windows 7 64-bit operating system or higher. Discovery 3D is not installed unless the computer has Windows 7 64 or higher. Further Discovery 3D requires a DirectX 10 compatible display card however the install will still run if a DirectX 10 compatible card is not present in the computer. DirectX 10 August 2009 End-User Runtimes can be installed by downloading the Discovery Third Party Installer from the LSM or ordering the media through the LSM. If Discovery 3D is going to be installed but the DirectX 10 March End-User Runtimes are not installed then this message box will appear but the setup will continue:



Installation

Installation

Discovery utilizes Microsoft Windows ® Installer technology for installing the Discovery applications. Windows ® Installer technology provides powerful features for installation and component configuration, network installations (distribution\deployment) and software removal\uninstall.

Note:	Have you read System Requirements?
	······································

This installation guide provides step-by-step instructions for End User or Network Administrator installations:

- End User Installation
- Install Discovery Applications to a Single Workstation.
- Network Administrator Installation
- Create LAM License Service Server for Multiple Workstations.
- Install the Discovery Applications to Multiple Workstations.
- Create a Discovery Project Server (optional).

Discovery 2012.0.0 Download from the Landmark Software Manager

Download Instructions

Follow the instructions below to download Discovery 2012.0.0 to your system using the Landmark Software Manager (LSM).

1. Within the **Available Downloads** Page on the **Releases** tab of the LSM highlight the **Release Type** *Discovery* 2012.0.0 and the *Discovery* 2012.0.0. *DVD Utilities*.

<u>Note</u>: If you do not need any of the Discovery Utilities or Extras then it is not necessary to download the Discovery DVD Utilities.

2. Select the Down Arrow to move the items down to the **My Download Cart** page on the **Download Cart** tab.

3. Highlight the download(s) and then select the **Download Now**

Download Now button.

4. Click **OK** at the **Preferences** dialog box. Note that the default download for the file(s) will be **C:\Landmark\LSM\Landmark**.

5. Click on the AGREE button for the LANDMARK GRAPHICS CORPORATION LICENSE AGREEMENT.

6. Once the file(s) have been downloaded click on the **Close** button to close the **Download Discovery** progress bar. (Ignore the **Opening Folder** button.)

To install the Discovery 2012.0.0 software go to the C:\Landmark\LSM\Landmark\GGX\Discovery folder and double click on the Discovery2012.0.0Setup.exe file to start the setup. (The install will first need to extract the setup files to the local drive.)

See the GeoGraphix Discovery 2012.0.0 Read Me for DVD Utilities to install the Utilities. Click on the Install Guide button LSM to open the GeoGraphix Discovery 2012.0.0 Read Me for DVD Utilities file.

End User Installation

End User Installation

This installation will add the Discovery Applications to a Single Workstation.

Caution:	The following conditions must be met before you can install the Discovery 2012.0.0 software:
General Installation Requirements	• You must have Administrative Rights to the local computer that will run the install.
	• Must have Internet Explorer 6.0 or higher installed.
- please refer to	Microsoft .NET 3.5, SP1 must be installed.
the <u>System</u> Requirements	• Must have networking installed including the <i>TCP/IP</i> protocol.
for a complete list	• This software should only be installed on <i>Windows</i> ® <i>XP Professional 64 bit,</i> <i>Windows</i> ® <i>Vista 64 bit, Windows</i> ® <i>Server 2003 Standard 64 bit, Windows</i> ® <i>Server 2003 Enterprise 64 bit, Windows</i> ® 7 or <i>Windows</i> ® <i>Server 2008</i> operating systems.

There are 8 or 10 installation steps depending upon whether you perform a typical or custom install:

- STEP 1 Getting Started with Discovery 5000.0.2.0 Release
- STEP 2 InstallShield Wizard Startup
- STEP 3 License Agreement
- STEP 4 Customer Information
- STEP 5 <u>Setup Type (Typical vs. Custom)</u>
- Typical STEP 6 <u>Select Log Units of Measurement</u>
- Typical STEP 7 <u>Ready to Install the Program</u>
- Typical STEP 8 InstallShield Wizard Completed
- Custom STEP 6 <u>Custom Setup</u>
- Custom STEP 7 Local Projects Folder
- Custom STEP 8 Log Units of Measurement
- Custom STEP 9 Ready to Install the Program
- Typical STEP 10 InstallShield Wizard Completed

Note:	Landmark licenses are now installed after the above Discovery master installation steps.
	When Discovery applications are started through the Desktop shortcuts or Start Menu Programs, a
	licensing check is performed on the workstation.
	Please refer to the Product Licensing topic for further details.

Go to STEP 1: Getting Started with Discovery 5000.0.2.0 LSM download or Release DVD

End User Installation STEP 1- Getting Started with Landmark LSM Download or Release DVD

Before starting installation, make sure that all open applications are closed.

If you have downloaded <u>Discovery 2012.0.0 from LSM</u>, go to the C:\Landmark\LSM\Landmark\GGX\Discovery2012Win folder and double click on the Discovery2012.0.0Setup.exe file to begin. You will proceed directly to <u>STEP 2 - InstallShield Wizard</u> <u>Setup</u>.

If you have ordered the Discovery 2012.0.0 DVD, continue through this step.

Insert the Discovery/Landmark Connectivity/Seismic Modeling DVD-ROM into the DVD-Drive.

The GeoGraphix splash screen appears for a few seconds





then the GeoGraphix install window appears





Click the first option, End User Installation.

to proceed to the next step in

Go to STEP 2: InstallShield Wizard Startup

Return to Beginning: End User Installation

End User Installation STEP 2 - InstallShield Wizard Startup

After clicking Install Discovery, Landmark Connectivity, and Modeling in the previous step, the InstallShield wizard is started....

Discovery 2012.0.0 - InstallShield Wizard	
	Preparing to Install
	Discovery 2012.0.0 Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
A .	Extracting: Discovery 2012.0.0.msi
Contraction of the local division of the loc	
	Cancel

Note:	Microsoft Visual C++ 2005 Redistributable -x86 8.050727.4053 and Microsoft Visual
	C++ 2008 Redistributable - x86 9.0.30729.4148 must be installed to use Discovery.

Discovery 2012.0.0 - InstallShield Wizard



Click the **Install** button to install the Microsoft Visual C++ Redistributables. The 2005 Redistributable (8.00.50727.4053) must be installed to use Discovery 2012.0.0. If the Redistributable has already been installed or will be installed later <u>No</u> can be selected and the setup will continue. Click **Yes** to install the 2005 Redistributable.

Discovery 2012.0.0 - InstallShield Wizard	X
Discovery 2012.0.0 optionally uses Mic Redistributable - x86 8.00.50727.4053. V	crosoft Visual C++ 2005 Would you like to install it now?
	Yes No

Click Yes to accept the Microsoft Visual C++ 2005 SP1 Redistributable Package License

MICROSOFT SOFTWARE LICENSE MICROSOFT VISUAL C++ 2005 RUN These license terms are an agreemen (or based on where you live, one of its read them. They apply to the software the media on which you received it, if any Microsoft * updates, * supplements, * Internet-based services, and * support services for this software, unless other terms are	TERMS NTIME LIBRARIES t between Microsoft Corporatio s affiliates) and you. Please e named above, which include any. The terms also apply to	n E
those terms apply. By using the software, you accept the	ese terms. If you do not accept	t ÷

The 2005 Redistributable will now install and finish.

Microsoft Visual C++ 2005 Redistributable	
Please wait while Windows configures Microsoft Vis Redistributable	ual C++ 2005
Time remaining: 0 seconds	
	Cancel

The 2008 Redistributable (9.0.30729.4148) must be installed to use Discovery 2012.0.0. If the Redistributable has already been installed or will be installed later <u>No</u> can be selected and the setup will continue. Click **Yes** to install the 2008 Redistributable.

Discovery	2012.0.0 - InstallShield Wizard
?	Discovery 2012.0.0 optionally uses Microsoft Visual C++ 2008 Redistributable - x86 9.0.30729.4148. Would you like to install it now?
	Yes No

Click Next at the Welcome to Microsoft Visual C++ 2008 Redistributable Setup.

Microsoft Visual C++ 2008 Redistributable Setup	- 0 💌
Welcome to Microsoft Visual C++ 2008 Redistributable Setup	
This wizard will guide you through the installation process.	
	Next > Cancel

Select the I have read and accept the license terms. check box and then click the Install button.

e sure to carefully read and understand all the rights and restrict ense terms. You must accept the license terms before you can in	tions described in the Istall the software.
IICROSOFT SOFTWARE LICENSE TERMS IICROSOFT VISUAL C++ 2008 RUNTIME LIBRARIES (X86, IA64	AND X64), SERVICE
PACK 1 These license terms are an agreement between Microsoft Corpora where you live, one of its affiliates) and you. Please read them. software named above, which includes the media on which you re terms also apply to any Microsoft • undates.	ation (or based on They apply to the ceived it, if any. The
- apadates/	
	Print
Press the Page Down key to see more text.	Print
Press the Page Down key to see more text.	Print
Press the Page Down key to see more text.	Print
Press the Page Down key to see more text.	Print

The 2008 Redistributable will now install components.



Click Finish to close the Microsoft Visual C++ 2008 Redistributable Setup. The Discovery setup will now continue.



The Welcome to the InstallShield Wizard for Discovery 2012.0.0 appears on your screen.



Click the **Next** button to proceed to License Agreement step of wizard.



Go to STEP 3: License Agreement

Return to STEP 1: Getting Started with GeoGraphix Release DVD

Return to Beginning: End User Installation

End User Installation STEP 3 - License Agreement

The software license agreement is displayed in this step of wizard.



Select the "I accept the terms in the license agreement" option.

Click Next to proceed to the Customer Information step of the wizard.

Go to STEP 4: <u>Customer Information</u> Return to STEP 2: <u>InstallShield Wizard Startup</u> Return to Beginning: <u>End User Installation</u>

End User Installation STEP 4 - Customer Information

Customer Information appears in this step of the wizard.

B Discovery 2012.0.0 - InstallShield Wizard	X
Customer Information	GeoGraphix
Please enter your information.	<u>NR</u>
User Name:	
D Boucher	
Organization:	
LMKR, Inc	
InstallShield	
< <u>B</u> ack	Next > Cancel

Enter your User Name and Company Name.

Click Next to proceed to the Setup Type step of the wizard.

Go to STEP 5: <u>Setup Type</u> Return to STEP 3: <u>License Agreement</u> Return to Beginning: <u>End User Installation</u>

End User Installation STEP 5 - Setup Type (Typical vs. Custom)

The type of setup (Typical vs. Custom) and application destination folder is selected in this step of the wizard.

B Discovery 2012	2.0.0 - InstallShield Wizard
Setup Type Choose the set	tup type that best suits your needs.
Please select a	setup type.
Typical	Installs GeoGraphix Discovery along with the Tours and Tutorials.
© Cu <u>s</u> tom	Choose which Discovery program features you want installed and where they will be installed.
Install to:	
C: \Program Files	s (x86)\GeoGraphix\
InstallShield	
	< <u>Back</u> <u>N</u> ext > Cancel

Typical option:	Choosing this option will install Discovery (Discovery, PRIZM, SeisVision and smartSECTION), and Modeling (LogM, STRUCT) to the application destination folder (Install To:). <u>Note</u> : You must use the Custom option if you will run TracPlanner Xpress and you do not have OpenWorks for Windows installed on your computer. If you have OpenWorks for Windows installed, you can use the Typical install option. <u>Note</u> : A local projects folder will be installed by default to: C:\Documents and Settings\All Users\Application Data\GeoGraphix\Projects (for Windows ® XP), or C:\ProgramData\Geographix\Projects (for Windows® 7) unless a previous local projects folder is detected by the install, then local projects folder will be installed to the previous detected path/folder.
Custom option:	Choosing this option then clicking Next will open a <u>Custom Setup</u> dialog box to choose features to be installed.
Install to:	This is the path/folder that will be used to install applications to on the computer. Note: If Discovery software has been installed on this computer before, then the "Install to:" will reflect the path/folder of the previous installed to, if not the default path is C:\Program Files (x86)\GeoGraphix. The Change command button can be used to change path/folder destination of application.
Change command button:	Clicking this command button will open a standard windows Browse/Open dialog box to change application destination folder. <u>Note</u> : Path/folder must be a local hard drive.

If Typical option is selected, click Next to proceed to the Select Log Units of Measurement step of wizard.

If Custom option is selected, click Next to proceed to the Custom Setup step of wizard.

Go to Typical STEP 6: Select Log Units of Measurement

Go to Custom STEP 6: Custom Setup

Return to STEP 4: Customer Information

Return to Beginning: End User Installation

Typical

End User Installation Typical STEP 6 - Select Log Units of Measurement

This step of wizard determines what default log units will be setup for PRIZM and XSection.

B Discovery 2012.0.0 - InstallShield Wizard
Select Log Units Of Measurement Select the preferred units for log display. Settings can be changed after installation.
English - Vertical scale in inches/100 feet, Bulk Density in gm/cc, Sonic in µs/ft and Caliper in inches.
○ Metric - Vertical scale in ratio, Bulk Density in gm/cc, Sonic in µs/ft and Caliper in inches.
$_{\bigodot}$ Canadian Metric - Vertical scale in ratio, Bulk Density in kg/m³, Sonic in μ s/m and Caliper in millimeters.
InstallShield
< <u>B</u> ack Next > Cancel

<u> </u>	lote:	The units can be changed in PRIZM and XSection after installation.

Click Next to proceed to the Ready to Install the Program step of the wizard.

Go to Typical STEP 7: <u>Ready to Install the Program</u> Return to STEP 5: <u>Setup Type</u> Return to Beginning: <u>End User Installation</u>

End User Installation Typical STEP 7 - Ready to Install the Program

This is the second to last step of the wizard.

B Discovery 2012.0.0 - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	Geo Graphix [.]
Click Install to begin the installation.	
If you want to review or change any of your installation settings, click lexit the wizard.	Back. Click Cancel to
InstallShield	Cancel

Click **Install** to copy files and begin installing the software or click **Back** to review and make any changes as necessary.

Go to Typical STEP 8: InstallShield Wizard Completed Return to Typical STEP 6: Select Log Units of Measurement Return to Beginning: End User Installation

End User Installation Typical STEP 8 - InstallShield Wizard Completed (FINAL STEP)

After the Install is clicked in Ready to Install the Program step, files are installed to the workstation....

😸 Discover	y 2012.0.0 - InstallShield Wizard
Installing The prog	gram features you selected are being installed.
1 1	Please wait while the InstallShield Wizard installs Discovery 2012.0.0. This may take several minutes.
	Status:
	Copying new files
InstallShield -	< <u>B</u> ack <u>N</u> ext > Cancel

and when the installation is finished, the InstallShield Wizard Completed dialog box appears:

Discovery 2012.0.0 - InstallShield Wizard	
GeoGraphix	InstallShield Wizard Completed
	The InstallShield Wizard has successfully installed Discovery 2012.0.0. Click Finish to exit the wizard.
	< <u>B</u> ack Finish Cancel

Click **Finish** to complete the install. The Discovery software can now be started through Desktop shortcuts or Start Menu Programs.

Note:	Landmark licenses are now installed after the Discovery master installation steps.
	When the Discovery applications are started through Desktop shortcuts or Start Menu Programs, a licensing check is performed on the workstation. Please refer to the <u>Product Licensing topic</u> for further details.

Return to Typical STEP 7: <u>Ready to Install the Program</u> Return to Beginning: End User Installation

Custom

End User Installation Custom STEP 6 - Custom Setup

This step of the wizard can be used to select certain features to be installed and change the application destination directory.

B Discovery 2012.0.0 - InstallShield Wizard	
Custom Setup Select the program features you want installed.	Geo Graphix ⁻
Click on an icon in the list below to change how a feature is in	stalled.
Image: Second structure Image: Second structure	Feature Description GeoGraphix Discovery applications, Project Services and Tours and Tutorials
	your hard drive. It has 4 of 4 subfeatures selected. The sub
Install to:	
C:\Program Files (x86)\GeoGraphix\	Change
InstallShield	
Help Disk Space < Back	Next > Cancel

List Box and	When a feature is selected in the list box, a description of the feature will appear at right in the Feature
Feature	Description box.

Description		
Pescription:	Discovery	The feature requires 0KB on your hard drive. It has 5 of 5 subfeatures selected. The sub
	Project Services	Feature Description ProjectExplorer and Services that must be installed for Discovery project management. Installing Project Services only can be used to create a network project server. This feature requires 12MB on your hard drive. It has 1 of 1 subfeatures selected. The sub Project Services feature cannot be disabled. Selecting Project Services feature by itself can be used to setup a network project server.
	Project Services	Feature Description Writes information to the Windows event logs. This feature requires 42KB on your hard drive.
	Seismic Modeling.	Feature Description Seismic Modeling: LogM and Struct This feature requires 90MB on your hard drive.

Applications	Feature Description GeoGraphix Discovery including GESXplorer, Prizm and SeisVision This feature requires 512bytes on your hard drive. It has 0 of 1 subfeatures selected. The sub
Applications TracPlanner Xpress Utilitie Note: The TracPlanner Xpress Utility is n selected by default. To install the TracPla Xpresss Utility, click the down arrow and s an install option from the drop-down list. Installation of this utility is not necessary OpenWorks for Windows is installed.	Feature Description Utilities needed for Discovery and TracPlanner such as pdbin.exe, services.dat, etc. tot anner select if This feature requires 0KB on your hard drive.
Tours And Tutorials	Feature Description Discovery Tours and Tutorials This feature requires 58MB on your hard drive. Discovery Tours and Tutorials include creating a "SampleFiles" directory and installing zip projects for 3 possible project areas (Moosehead, Powder and Stratton).
Clicking the down arrow This feature will be installed on lo This feature, and all subfeatures	list options to install or not install the feature: ocal hard drive. ;, will be installed on local hard drive.
Clicking the Help button on this Custom S	Setup dialog will bring up the Custom Setup Tips dialog.

	B Discovery 2012.0.0 - InstallShield Wizard
	Custom Setup Tips Custom Setup allows you to selectively install program features R GeoGraphix
	The icon next to the feature name indicates the install state of the feature. Click the icon to drop down the install state menu for each feature.
	This install state means the feature
Will be completely installed to the local hard drive. Will have some subfeatures installed to the local hard drive. (Available only if the feature has subfeatures.)	
	Will be installed on first use. (Available only if the feature supports this option.)
	Will be installed to run from the network. (Available only if the feature supports this option.)
	InstallShield
Install to:	This is the path/folder that will be used to install the applications to on the computer.
	Note: If GeoGraphix software has been installed on this computer before, then the "Install to:" description will reflect the path/folder of the previous installation.
	The Change command button can be used to change the path/folder destination of the application.
Change command button:	Clicking this command button will open a standard Windows Browse/Open dialog box to change the application destination folder.

Select features to be installed and click Next to proceed to the Local Projects Folder step of the wizard.

Go to Custom STEP 7: Local Projects Folder

Return to STEP 5: Setup Type

Return to Beginning: End User Installation

End User Installation Custom STEP 7 - Local Projects Folder

This step of the wizard determines where the local projects folder (path/folder) will be created during the installation.



Clicking the **Change** command button will open a standard Windows Browse/Open dialog box to change the application destination folder.

<u>Note</u> :	Local Projects Path/Folder must be a local hard drive.

Click Next to proceed the Log Units of Measurement step of the wizard.

Go to Custom STEP 8: <u>Log Units of Measurement</u> Return to Custom STEP 6: <u>Custom Setup</u> Return to Beginning: <u>End User Installation</u>

End User Installation Custom STEP 8 - Log Units of Measurement

This step of the wizard determines what default log units will be setup for PRIZM and XSection.
B Discovery 2012.0.) - InstallShield W	lizard	-	X
Select tog onits of Select the preferre changed after inst	d units for log displ allation.	ay. Settings can be	KR	Geo Graphix
English - Vertic in inches.	al scale in inches/10	0 feet, Bulk Density i	n gm/cc, Soni	ic in µs/ft and Caliper
🔘 Metric - Vertica	l scale in ratio, Bulk	Density in gm/cc, So	nic in µs/ft an	d Caliper in inches.
Canadian Metri millimeters.	c - Vertical scale in I	ratio, Bulk Density in	kg/m³, Sonic	in µs/m and Caliper in
InstallShield				
		< <u>B</u> ack	Next >	Cancel

Note:	The units can be changed in PRIZM and XSection after installation.

Select the appropriate Units option and click Next to proceed to the Ready to Install the Program step of the wizard.

Go to Custom STEP 9: <u>Ready to Install the Program</u> Return to Custom STEP 7: <u>Local Projects Folder</u> Return to Beginning: <u>End User Installation</u>

End User Installation Custom STEP 9 - Ready to Install the Program

This is the second to last step of the wizard.



Click **Install** to copy files and begin installing the software or click **Back** to review and make any changes as necessary.

Go to Custom STEP 10: InstallShield Wizard Completed Return to Custom STEP 8: Log Units of Measurement Return to Beginning: End User Installation

End User Installation Custom STEP 10 - InstallShield Wizard Completed (FINAL STEP)

After the Install is clicked in Ready to Install the Program step, files are installed to the workstation....

🔡 Discovery	y 2012.0.0 - InstallShield Wizard
Installing The prog	gram features you selected are being installed.
1 1	Please wait while the InstallShield Wizard installs Discovery 2012.0.0. This may take several minutes.
	Status:
	Copying new files
InstallShield -	
	< <u>B</u> ack <u>N</u> ext > Cancel
L	

and when installation is finished, the InstallShield Wizard Completed dialog box appears:

B Discovery 2012.0.0 - InstallShield Wizard		
Geo Graphix	InstallShield Wizard Completed	
	The InstallShield Wizard has successfully installed Discovery 2012.0.0. Click Finish to exit the wizard.	
	< <u>B</u> ack Finish Cancel	

Click Finish to exit the install.

The Discovery software can now be started through Desktop shortcuts or Start Menu Programs.

<u>Note</u> :	Landmark licenses are now installed after the Discovery master installation steps. When the Discovery applications are started through Desktop shortcuts or Start Menu
	Programs, a licensing check is performed on the workstation. Please refer to the <u>Product Licensing topic</u> for further details.
	Please refer to the <u>Product Licensing topic</u> for further details.

Return to Typical STEP 9: <u>Ready to Install the Program</u>

Return to Beginning: End User Installation

Product Licensing

When you launch Discovery 2012.0.0 for the first time after installation, the License Wizard will appear, giving you the choice to request a product license, browse to a license file, or connect to a network license server.

If you are working in a standalone situation, all you need to do is obtain a new license file, place it anywhere on your computer, and use the install license option in the License Wizard to browse to the file location.

If you are working in a network situation, you will first need to set up a new <u>Landmark (LAM) License Server</u> (the LAM License Server Setup is on the LSM). After the server is set up, when the License Wizard runs on the client machine, choose the Connect to a Network License Server option and input the required information.

License Wizard

After the software is installed and a Discovery application is started through Desktop shortcuts or Start Menu Programs, a licensing check is performed on the workstation.

If no Landmark licenses are detected then the GeoGraphix Product Licensing dialog box appears:

GeoGraphix Pr	oduct Licensing
👯 GeoGraphix	The system is unable to locate a valid license for this product. Please select the option that best describes your situation: I need to obtain a product license. I need to install a license. I need to connect to a network license server. Choose this option if you have purchased a GeoGraphix product, and need to obtain your license.
Make a select	ion and press "Next" to continue, or "Cancel" to try again later. < Back Next > Cancel

One of three options are available for GeoGraphix Product Licensing:

Ineed to obtain a product license.	This option will direct you to the Landmark License Management Internet site or telephone numbers to request a product license. Clicking Next opens the Request Product License dialog box: Request Product License To request your software license, click the link below to the Landmark License Management webpage and follow the instructions for requesting your license. Landmark Customer Support H you do not have internet access, please call the Houston license center at 713-8339-2200, option 6, or the United Kingdom license center at 44-1372-868866, option 6. You may need the Host ID of this system when requesting your license. You may use the button below to read the Host ID. Read Host ID Press "Next" when you have received your license, or "Cancel" to try again later. Cancel
I need to install a license.	This option will allow you to install a license file received from Landmark Licensing. Clicking Next opens the License Settings dialog box: License Settings Enter the path to the license file that was sent to you: The license file location will be set to the folder shown below: C:\Landmark \lam The license file location will be set to the folder shown below: C:\Landmark \lam The license file location will be copied to this location. Also, the file will be renamed to license.dat. Press "Next" when you are ready to install your license, or "Cancel" to try again later. Reack Med > Cancel
I need to connect to a network license server.	This option will allow you to connect to a network <u>License server</u> . Type in the network server hosting the License Server or click the Browse button to browse the network server.

Network License Settings
Image: Comparison of the comparison of the comparison of the comparison of the license service. You may enter the name distribution of the license server. Image: Comparison of the l
Choose the server and press "Next" to continue, or "Cancel" to try again late
< Back Next >
On this dialog box, enter the name of the network license server and, if necessalternate port.
Complete Configuration
The results of a test checkout are:
The system has been validated.
Click "Finish" to apply the new settings.
< Back Finish
Click Finish to apply the new settings.

Return to: Installation

Network Administrator Installation

Network Administrator Installation

There are several possible installation configurations and methods that could be used for deploying Discovery in a network environment. The best method for your particular situation depends upon the number of users and your network environment.

There are at least 3 important components to consider in any network environment:

- Landmark Graphics Licensing (LAM)
- Workstation Installation
- Discovery Project Server (Optional)

Note: If you only have the LSM download of the setup and not the DVD media you will need to use the Workstation Setup files located on the Discovery Utilities under Extras\Workstation files. The Discovery Utilities can be downloaded from the LSM.

If you have any questions or issues with your particular network environment, please don't hesitate contacting <u>GeoGraphix</u> <u>Technical Support</u>.

Network License Server (LAM)

Landmark Graphics License Server (LAM) must be installed to use Discovery in a network environment. Download LAM from the LSM and follow the installation instructions.

After the server is set up, when the License Wizard runs on the client machine, choose the Connect to a Network License Server option and input the required information.

For more information on the license wizard see the Product Licensing topic.

Workstation Installation

Network Administrator Installation - Workstation Installation

Caution: General	• The following conditions must be met before you can install the Discovery 2012.0.0 software:
Installation Requirements	 You must have Administrative Rights to the local computer that will run the install.
- please refer to	• Must have <i>Internet Explorer 6.0</i> or higher installed.
the <u>System</u> Requirements	 Microsoft .NET 3.5, SP1 must be installed.
for a complete	• Must have networking installed including the <i>TCP/IP</i> protocol.
list	 This software should only be installed on Windows ® XP Professional 64 bit, Windows® 7, Windows ® Server 2003 Standard 64 bit, Windows ® Server 2003 Enterprise 64 bit or Windows ® Server 2008 operating system.

The workstation installation in a network environment can be initiated from the <u>Discovery 2012.0.0 LSM download</u> or directly from the Release DVD or by creating an Application Distribution site:

- Using LSM download or Release DVD
- Using Application Distribution Site

Go to STEP 1: Using LSM download or Release DVD

Go to STEP 1: Using Application Distribution Site

Return to: Network Administrator Installation

Workstation Installation - Using LSM Download or Release DVD

Workstation installations directly from the <u>Discovery 2012.0.0 LSM download</u> or the Release DVD are quite acceptable if you don't mind configuring the installation at each workstation. The installation could be shared on a network drive or carried from workstation to workstation.

The installation procedure for workstation installations directly from LSM or the release DVD is identical to the End User Installation.

<u>Note</u> :	Licensing will be need to be configured on each workstation to find the <u>Network License Server</u>
	Discovery application is started.

Go to STEP 1: Getting Started with the Discovery LSM Download or Release DVD

Return to: Workstation Installation

Return to: <u>Network Administrator Installation</u>

Using Application Distribution Site

Workstation Installation - Using Application Distribution Site

Workstation Installations with an Application Distribution Site can save considerable configuration time at the workstation and can even be automated to create unattended, silent installations for the workstation.

There are 6 steps involved with performing Workstation Installations using an Application Distribution Site:

- STEP 1: <u>Administrative Install Start >> Run</u>
- STEP 2: Administrative Install InstallShield Wizard Startup
- STEP 3: <u>Administrative Install Network Location</u>
- STEP 4: <u>Administrative Install InstallShield Wizard Completed</u>
- STEP 5: Configure Application Distribution Site
- STEP 6: Install to Workstations

Go to STEP 1: Administrative Install - Start >> Run

Return to: Workstation Installation

Return to: Network Administrator Installation

Create Application Distribution Site STEP 1 - Administrative Install - Start >> Run

An administrative install is generally started with a Run "setup.exe" command containing the "/a" parameter.

A Run command can be configured in the standard Windows Run dialog box. This dialog box can be accessed from the Windows Taskbar **Start** menu and **Start >> Run**.

If the Discovery 2012.0.0 DVD is in a DVD-Drive with assigned drive letter of "E" then the command line would be like the following in the Run dialog box:

📨 Run	
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
<u>O</u> pen:	E:\Setup\Setup.exe 🗸
	OK Cancel <u>B</u> rowse

Go to STEP 2: <u>Administrative Install - InstallShield Wizard Startup</u> Return to Beginning: <u>Workstation Installation - Using Application Distribution</u>

Create Application Distribution Site STEP 2 - Administrative Install - InstallShield Wizard Startup

After configuring the Run command in STEP 1 - Administrative Install - Start >> Run, the InstallShield wizard is started....

Discovery 2012.0.0 - InstallShield Wizard		
	Preparing to Install	
	Discovery 2012.0.0 Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.	
1.	Extracting: Discovery 2012.0.0.msi	
	Cancel	

and the Welcome to the InstallShield Wizard for Discovery 5000.0.2.0 appears on your screen.



Click Next to proceed to the Network Location step of the wizard.



Go to STEP 3: Administrative Install - Network Location

Return to STEP 1: Administrative Install - Start >> Run

Return to Beginning: Workstation Installation - Using Application Distribution

Create Application Distribution Site STEP 3 - Administrative Install - Network Location

This step of the wizard determines where the distribution site will be created on the network.

In this particular example, a network server share of "Apps on CorpServer1" is mapped to the "X" drive. The Application Distribution Site will be created in a folder and subfolder called GGraphix\Distrib.

Installation

GeoGraph
- E 📸

Network location:	Specify the network mapped drive/path or UNC path where the distribution site will be created.
	Note: A User running an administrative installation must have permissions to write to the designated Network location.
	Discovery Release Setup contents will be copied and decompressed to this network location.
Change command button:	Clicking this command button will open the Change Current Destination Folder dialog box where you can change the network location destination folder.

KR CCCCICIC
 E

Click Install to copy files and create network distribution site.

Go to STEP 4: Administrative Install - InstallShield Wizard Completed

Return to STEP 2: Administrative Install - InstallShield Wizard Startup

Return to Beginning: Workstation Installation - Using Application Distribution

Create Application Distribution Site STEP 4 - Administrative Install - InstallShield Wizard Completed

After Install is clicked in the Network Location step, installation files are decompressed and copied to the network location that was designated in STEP 3 - Administrative Install - Network Location...

and when the installation is finished, the InstallShield Wizard Completed dialog box appears:



The Network Application Distribution Site should contain the following folders and files at this point:

	► Apps ► GGraphix ►	• \$	Search	کا ا
<u>File Edit View Iools H</u> elp Grganize → ∰ Views → ⑧ Burn Favorite Links	Name	Date modified	Туре	() Size
 Documents Pictures Music More >> Folders Desktop Desktop Bill Snodgrass Public Computer Computer SRecycle.Bin Apps GGraphix Common CommonAppData EXCEL Fonts GlobalAssemblyCache ISSetupPrerequisites Landmark program files System32 	 Common CommonAppData EXCEL Fonts GlobalAssemblyCache ISSetupPrerequisites Landmark program files System System32 Windows 0x0409.ini Discovery 5000.0.2.0.msi instmsiw.exe Setup.ini Setup.exe WindowsInstaller-KB893803-x86.exe 	9/28/2010 2:12 PM 9/28/2010 2:12 PM 9/28/2010 2:12 PM 9/28/2010 2:12 PM 9/28/2010 2:12 PM 9/28/2010 2:12 PM 9/28/2010 2:13 PM 9/28/2010 2:12 PM 9/28/2010 2:13 PM 9/28/2010 2:13 PM 9/28/2010 2:13 PM 9/28/2010 2:12 PM 11/28/2004 10:53 9/22/2010 4:20 PM 9/21/2010 1:21 AM 5/16/2005 5:42 PM	File Folder File Folder File Folder File Folder File Folder File Folder File Folder File Folder File Folder File Folder Configuration Sett Application Configuration Sett Application	11 KB 7,451 KB 1,780 KB 4 KB 482,059 KB 2,525 KB

In the next step, the application distribution site's setup.ini will be configured for distribution to the workstations.

No	te:	Running the setup.exe in the application distribution site could be used at a workstation to install
		Discovery software but configuring the setup init can save time and even be automated to create

Go to STEP 5: Configure Application Distribution Site

Return to STEP 3: Administrative Install - Network Location

Return to Beginning: Workstation Installation - Using Application Distribution

Create Application Distribution Site STEP 5 - Configure Application Distribution Site

After all the necessary files have been copied and decompressed to the Application Distribution Site with the Administrative Install in the previous steps, the Application Distribution site needs to be configured for your particular network environment.

Note: If you only have the LSM download of the setup and not the DVD media you will need to use the Workstation Setup files located on the Discovery Utilities under Extras\Workstation files. The Discovery Utilities can be downloaded from the LSM.

This involves editing some of the existing command variables (e.g. User Name, Company Name, etc.) or adding commands along with variables to the "**Setup.ini**" file on the Application Distribution Site.

Look for the [Startup] section in the "Setup.ini":



The following table lists some commands and variables that may be used on the CmdLine in the "Setup.ini":

Command	Variable (quotes required where shown)	Description
USERNAME	"Text string"	The variable value within quotes will be used for the User Name field in the <u>Customer Information</u> dialog.

COMPANYNAME	"Text string"	The variable value within quotes will be used for the Organization field in <u>Customer Information</u> dialog.
ADDLOCAL (This command can be used to install specific Discovery applications. It is very similar to choosing specific features in a <u>custom</u> install. If this command is not used then a <u>typical</u> install is run.)	 "Discovery, Security, WindowsSystemFiles, WindowsSystemCore, DataDirect60, SQLAnywhere10, DataCore, SystemCore, Modules, Services, Providers, Apps, Projects, ProjectServer, DepthRegistration2, EventLogging, GeoGraphixDiscovery, Discovery3D, HelpCore, Tools, MapObjects, GES, Prizm, LandmarkConnectivity, SeisVision, smartSECTION, WellXchange, ToursAndTutorials, TracPlannerUtilities, MCO" Note: This command is on one line with no spaces.	This variable value would install all the necessary features for Discovery only.
ALLUSERS	1	If the ADDLOCAL command is used then the ALLUSERS command must also be used. The ALLUSERS command enables the installation of GeoGraphix services.
PROJECTS	"Local Drive:\Folder"	This must be a local hard drive. This command can be used to designate a local projects folder which is essentially <u>step 7 of custom end user installation</u> . Note: If this command is not used, a projects folder will be installed by default to C:\Documents and Settings\All Users\Application Data\GeoGraphix\Projects unless a previous local projects folder is detected by the install then local projects folder will be installed to previous detected path\folder.
UNITS	"English" OR "Metric" OR "Canadian Metric"	This command can be used to make selections normally made in <u>step 8 of custom end user installation</u> .
/q, /qn	Not applicable	No UI seen during installation.
/qb	Not applicable	Basic UI seen during installation. qb! can be used to hide Cancel button.
/qr	Not applicable	Reduced UI seen during installation. No modal dialog box displayed at the end of installation.
/qf	Not applicable	Full UI seen during installation.
/qn+	Not applicable	No UI seen during installation except for a modal dialog box displayed at the end of installation.
/qb+	Not applicable	Basic UI with a modal dialog box seen at

		end of installation. qb+! or qb!+ can be used to hide Cancel button.
/qb	Not applicable	Basic UI with no modal dialog boxes seen during installation.

After removing comment sign (";") and editing or adding variables in CmdLine, your "**Setup.ini**" CmdLine may look similar (other commands can exist) to the following example:

🔄 setup.ini - Notepad	
Eile Edit Format View Help	
[Info] Name=INTL Version=1.00.000 DiskSpace=8000 ;DiskSpace requirement in кв	*
<pre>[Startup] CmdLine=USERNAME="Russell Roundtree" COMPANYNAME="Small Potatoes, Inc." SuppresswrongOS=Y ScriptOriven=2 ScriptVer=16.0.0.436 DotNetOptionalInstallIfSilent=N OnUpgrade=1 Product=Discovery 2012.0.0 PackageName=Discovery 2012.0.0.msi EnableLangDlg=N LogResUlts=N DoMaintenance=N ProductCode=(940D380B-F61A-4C4F-AB11-D603EB9139FB} ProductCode=(940D380B-F61A-4C4F-AB11-D603EB9139FB} ProductCode=(940D380B-F61A-4C4F-AB11-D603EB9139FB} ProductCode=(940D380B-F61A-4C4F-AB11-D603EB9139FB} ProductCode=(940D380B-F61A-4C4F-AB11-D603EB9139FB} ProductCode=(940D380B-F61A-4C4F-AB11-D603EB9139FB} ProductCode=(940D380B-F61A-4C4F-AB11-D603EB9139FB} ProductCode=(940D380B-F61A-4C4F-AB11-D603EB9139FB} ProductCode=(940D380B-F61A-4C4F-AB11-D603EB9139FB} ProductCode=(940D380B-F61A-4C4F-AB11-D603EB9139FB} SuppressReboot=Y LauncherName=setup.exe PackageCode=(74B012EE-6E2D-41DC-9045-6297F6E91EA9} iSEERNAME="User Name" COMPANYNAME="Company Name" REBOOT=ReallySuppress iSE Use the above properties on the CmdLine to alter the setup. is Use the REBOOT property to suppress the reboot of the computer after the install is dor [Languages]</pre>	ne.
RequireExactLangMatch=0x0404,0x0804 RTLLangs=0x0401,0x040d	
4	۱

Note: Only a small portion of the "Setup.ini" is displayed above.

Go to STEP 6: Install to Workstations

Return to STEP 4: Administrative Install - InstallShield Wizard Completed

Return to Beginning: Workstation Installation - Using Application Distribution

Using Application Distribution Site - STEP 6 - Install to Workstations (FINAL STEP)

After the application distribution site is configured for your network environment, Discovery applications can now be deployed to the workstations.

You can deploy Discovery applications to the workstations by sharing application distribution site to workstations and running "setup.exe" in the application distribution site (similar to End User Installation).

OR

You may want to utilize scripts or 3rd party tools such as Microsoft ® SMS or InstallShield ® AdminStudio that take advantage of Microsoft ® Windows Installer technology for workstation deployment.

This is the last step in a Workstation Installation using an Application Distribution Site.

 Return to STEP 5:
 Configure Application Distribution Site

 Return to Beginning:
 Workstation Installation - Using Application Distribution

 Return to:
 Network Administrator Installation

Discovery Project Server (Optional)

Create Discovery Project Server (Optional)

Creating a *Discovery* Project Server is an optional third component in a network administrator installation. It is a very important consideration if you want to store Discovery projects on a central server, then share those projects across the network for multiple users.

<u>Note</u> :	A Workstation Installation will create a local projects folder on every workstation with GeoGraphix <i>Discovery</i> installed so all workstations can create and store projects on their local hard drive. Local projects can also be shared between users on the network if the project properties in ProjectExplorer are set to network access.
	Please refer to the ProjectExplorer Help files for more information on local projects versus network projects.

A Discovery Project Server can be created with a custom installation using the Discovery 2012.0.0 LSM download or Release DVD.

<u>Note</u> :	This installation must be performed on the server that will become the <i>Discovery</i> Project Server. This server must have access to the <u>Network License Server (LAM)</u> (this server may also be the
	LAM Server).

There are 10 steps involved with creating a *Discovery* Project Server:

- STEP 1 <u>Getting Started with The Discovery LSM download or Release DVD</u>
- STEP 2 InstallShield Wizard Startup
- STEP 3 <u>License Agreement</u>
- STEP 4 Customer Information
- STEP 5 <u>Setup Type (Typical vs. Custom)</u>
- STEP 6 Custom Setup
- STEP 7 Local Projects Folder
- STEP 8 Log Units of Measurement
- STEP 9 Ready to Install the Program
- STEP 10 InstallShield Wizard Completed

Go to STEP 1: Getting Started with GeoGraphix Release DVD

Return to: Network Administrator Installation

Discovery Project Server - STEP 1 - Getting Started with the Discovery LSM Download or Release DVD

Before starting the installation, make sure that all open applications are closed.

If you have downloaded <u>Discovery 2012.0.0 from LSM</u>, go to the C:\Landmark\LSM\Landmark\GGX\Discovery2012Win folder and double click on the **Discovery2012.0.0Setup.exe** file to begin. You will proceed directly to <u>STEP 2 - InstallShield Wizard</u> <u>Setup</u>. If you have ordered the Discovery 2012.0.0 DVD, continue through this step.

Insert the Discovery/Landmark Connectivity/Seismic Modeling DVD-ROM into the DVD-Drive.

The GeoGraphix splash screen appears for a few seconds

Note: If the GeoGraphix splash screen does not appear automatically, go to the Start menu, and choose Run. In the Run dialog box, browse to the appropriate DVD-ROM drive and select the Install.exe file. Click OK.



then the GeoGraphix install window appears





to proceed to the next step in

Click the first option, the Discovery Project Server Installation.

Go to STEP 2: InstallShield Wizard Startup Return to Beginning: Create Discovery Project Server

Discovery Project Server - STEP 2 - InstallShield Wizard Startup

After clicking Install Discovery, Landmark Connectivity, and Modeling in the previous step, the InstallShield wizard is started....



and the Welcome to the InstallShield Wizard for Discovery 5000.0.2.0 appears on your screen.

Discovery 2012.0.0 - InstallShield Wizard		
GeoGraphix	Welcome to the InstallShield Wizard for Discovery 2012.0.0	
	The InstallShield(R) Wizard will install Discovery 2012.0.0 on your computer. To continue, click Next.	
	WARNING: This program is protected by copyright law and international treaties. For help on the Discovery 2012.0.0 installation including network distribution click the Help button.	
	elp < Back Next > Cancel	

Click the Next button to proceed to the License Agreement step of the wizard.

Note:	Clicking the Help button will open the Discovery Installation Guide help window (this
	documentation).

Go to STEP 3: License Agreement

Return to STEP 1: Getting Started with the Discovery LSM Download or Release DVD

Return to Beginning: Create Discovery Project Server

Discovery Project Server - STEP 3 - License Agreement

The software license agreement is displayed in this step of wizard.

B Discovery 2012.0.0 - InstallShield Wizard
License Agreement Please read the following license agreement carefully. GeoGraphix
You acknowledge that your use of this software is subject to previously agreed upon Landmark Graphic Corporation's or LMKR's software license terms and conditions. Additionally, you agree that your use of this software shall continue to comply with the aforementioned terms and conditions.
 I accept the terms in the license agreement I do not accept the terms in the license agreement
InstallShield

Select the "I accept the terms in the license agreement" option.

Click Next to proceed to the Customer Information step of the wizard.

Go to STEP 4 - <u>Customer Information</u> Return to STEP 2 - <u>InstallShield Wizard Startup</u> Return to Beginning: <u>Create Discovery Project Server</u>

Discovery Project Server - STEP 4 - Customer Information

Customer Information appears in this step of the wizard.

B Discovery 2012.0.0 - InstallShield Wizard	x
Customer Information Please enter your information.	GeoGraphix [.]
User Name: D Boucher	
Organization:	
InstallShield	Next > Cancel

Enter your User Name and Company Name.

Click Next to proceed to the Setup Type step of the wizard.

Go to STEP 5: <u>Setup Type (Typical vs. Custom)</u> Return to STEP 3: <u>License Agreement</u> Return to Beginning: <u>Create Discovery Project Server</u>

Discovery Project Server - STEP 5 - Setup Type (Typical vs. Custom)

The type of setup (Typical vs. Custom) and application destination folder is selected in this step of the wizard.

B Discovery 201	2.0.0 - InstallShield Wizard	
Setup Type Choose the setup type that best suits your needs.		
Please select a	a setup type.	
• Typical	Installs GeoGraphix Discovery along with the Tours and Tutorials.	
© Cu <u>s</u> tom	Choose which Discovery program features you want installed and where they will be installed.	
Install to:		
C:\Program File	es (x86)\GeoGraphix\	
InstallShield	< <u>B</u> ack <u>N</u> ext > Cancel	

Typical option:	Choosing this option will install Discovery (GESXplorer, PRIZM, SeisVision) to the application destination folder (Install To:). Note: A local projects folder will be installed by default to: C:\Documents and Settings\All Users\Application Data\GeoGraphix\Projects (for Windows® XP) or C:\ProgramData\GeoGraphix\Projects (for Windows® 7) unless a previous local projects folder is detected by the install then local projects folder will be installed to the previous detected path\folder.
Custom option:	Choosing this option then clicking Next will open a <u>Custom Setup</u> dialog box to choose features to be installed.
Install to:	This is the path/folder that will be used to install applications to on the computer. The Change command button can be used to change path/folder destination of the application.
Change command button:	Clicking this command button will open a standard Windows Browse/Open dialog box to change the application destination folder. Note: Path/folder must be a local hard drive.

To create a Discovery Project Server, select Custom option and click Next to proceed to the Custom Setup step of the wizard.

Note: A Discovery Project Server can be created by using the Typical setup type and installing all the Discovery applications but a Custom setup type may be preferred because install options can be customized.

Go to STEP 6: Custom Setup

Return to STEP 4: Customer Information

Return to Beginning: Create Discovery Project Server

Discovery Project Server - STEP 6 - Custom Setup

This step of the wizard can be used to select certain features to be installed and change the application destination directory.

B Discovery 2012.0.0 - InstallShield Wizard	- X -
Custom Setup Select the program features you want installed.	Geo Graphix [.]
Click on an icon in the list below to change how a feature is installed. Click on an icon in the list below to change how a feature is installed. Feature Description GeoGraphix Discovery applications, Project Services and Tours and Tutorials Tours And Tutorials	
	This feature requires 0KB on your hard drive. It has 4 of 4 subfeatures selected. The sub
Install to:	
C:\Program Files (x86)\GeoGraphix\	Change
InstallShield	
Help Disk Space < Back	Next > Cancel

List Box and Feature Description:	When a feature is selected in list box, a description of the feature will appear at right in the Feature Description box.	
	Discovery	Feature Description GeoGraphix Discovery applications, Project Services and Tours and Tutorials This feature requires OKB on your hard drive. It has 5 of 5 subfeatures selected. The sub

Project Services	Feature Description ProjectExplorer and Services that must be installed for Discovery project management. Installing Project Services only can be used to create a network project server. This feature requires 12MB on your hard drive. It has 1 of 1 subfeatures selected. The sub Project Services feature cannot be disabled. Selecting Project Services feature by itself can be used to setup a network project server.
Project Services	Feature Description Writes information to the Windows event logs. This feature requires 42KB on your hard drive.
Seismic Modeling	Feature Description Seismic Modeling: LogM and Struct This feature requires 90MB on your hard drive.
Applications	Feature Description GeoGraphix Discovery including GESXplorer, Prizm and SeisVision This feature requires 512bytes on your hard drive. It has 0 of 1 subfeatures selected. The sub

Applications TracPlanner Xpress Utilities Note: The TracPlanner Xpress Utility is not selected by default. to install the TracPlanner Xpress I tility, click the down arrow and select	F L F	eature Description Jtilities needed for Discovery and TracPlanner such as adbin.exe, services.dat, etc.
an install option from the drop-down list. Installation of this utility is not necessary if OpenWorks for Windows is installed.	T X	his feature requires OKB on our hard drive.
		Feature Description Discovery Tours and Tutorials
Tours And Tutorials	Discovery T "SampleFile possible pro Stratton).	This feature requires 58MB on your hard drive. ours and Tutorials include creating a s" directory and installing zip projects for 3 ject areas (Moosehead, Powder and
Clicking the down arrow	ns to install o	or not install the feature:
This feature will be installed on local hard Image: This feature, and all subfeatures, will be installed	drive. nstalled on lo	ocal hard drive.
X This feature will not be installed.		
Clicking the Help button on this Custom Setup dialog will bring up the Custom Setup Tips dialog.		

	Discovery 2012.0.0 - InstallShield Wizard
	Custom Setup Tips Custom Setup allows you to selectively install program features R GeoGraphix
	The icon next to the feature name indicates the install state of the feature. Click the icon to drop down the install state menu for each feature.
	This install state means the feature
	Will be completely installed to the local hard drive.
	Will have some subfeatures installed to the local hard drive. (Available only if the feature has subfeatures.)
	¥ → Will not be installed.
	Will be installed on first use. (Available only if the feature supports this option.)
	Will be installed to run from the network. (Available only if the feature supports this option.)
	InstallShield
	OK
Install to:	This is the path/folder that will be used to install applications to on computer.
	The Change command button can be used to change the path/folder destination of the application.
Change command button:	Clicking this command button will open a standard Windows Browse/Open dialog box to change the application destination folder.

Select Project Services as the only feature to be installed (disable all other features):

B Discovery 2012.0.0 - InstallShield Wizard	×
Custom Setup Select the program features you want installed.	Geo Graphix [.]
Click on an icon in the list below to change how a feature is in Discovery Project Services Seismic Modeling Applications X TracPlanner Xpress Utilities Tours And Tutorials	ProjectExplorer and Services that must be installed for Discovery project management. Installing Project Services only can be used to create a network project server. This feature requires 14MB on your hard drive. It has 1 of 1 subfeatures selected. The sub
Install to: C:\Program Files (x86)\GeoGraphix\	Change
InstallShield	Next > Cancel

Click Next to proceed to the Local Projects Folder step of the wizard.

Go to STEP 7: Local Projects Folder Return to STEP 5: Setup Type (Typical vs. Custom) Return to Beginning: Create Discovery Project Server

Discovery Project Server - STEP 7 - Local Projects Folder

This step of the wizard determines where the local projects folder (path/folder) will be created during the installation.

Biscovery 2012.0.0 - InstallShield Wizard		
different	t folder.	
C	Install Discovery 2012.0.0 local projects to:	
	C:\ProgramData\GeoGraphix\Projects\	
	You must create a Local Projects Folder on the computer's local hard drive during installation.	
	After installation, you can create other Project "Home" folders using the File >> New >> Home command in ProjectExplorer. To create a Project Home folder on another computer such as a network server, install Discovery on the server and run the New >> Home command locally on that machine.	
	For further information on network projects, click the Help button on the Location page while running the New Home Wizard.	
InstallShield -		
	< <u>B</u> ack Next > Cancel	

Clicking the **Change** command button will open a **Change Current Destination Folder** dialog box where you can change the application destination folder.

Note: Local Projects Path\Folder must be a local hard drive.
--

After installation is complete (as text in dialog box indicates), projects on Discovery Project Server can be organized in Homes using ProjectExplorer >> File >> New >> Home. More information regarding network projects can be found in the ProjectExplorer Help files.

Click Next to proceed the Log Units of Measurement step of the wizard.

Go to STEP 8: Log Units of Measurement

Return to STEP 6: Custom Setup

Return to Beginning: Create Discovery Project Server

Discovery Project Server - STEP 8 - Log Units of Measurement

This step of the wizard determines what default log units will be setup for PRIZM and XSection.

Discovery 2012.0.0 - InstallShield V	Vizard		
Select Log Units Of Measurement Select the preferred units for log disp changed after installation.	olay. Settings can be	LM KR	Geo Graphix
 English - Vertical scale in inches/10 in inches. 	00 feet, Bulk Density in	gm/cc, Sonic	: in µs/ft and Caliper
🔘 Metric - Vertical scale in ratio, Bulk	Consity in gm/cc, Sonio	c in µs/ft and	d Caliper in inches.
Canadian Metric - Vertical scale in millimeters.	ratio, Bulk Density in kg	ŋ/m³, Sonic ir	n µs/m and Caliper in
installShield			
	< <u>B</u> ack	Next >	Cancel

Note:	The units can be changed in PRIZM and XSection after installation.

Select the appropriate Units option and click Next to proceed to the Ready to Install the Program step of the wizard.

Go to STEP 9: <u>Ready to Install the Program</u> Return to STEP 7: <u>Local Projects Folder</u> Return to Beginning: <u>Create Discovery Project Server</u>

Discovery Project Server - STEP 9 - Ready to Install the Program

This is the second to last step of the wizard.



Click **Install** to copy files and begin installing the Discovery software or click **Back** to review and make any changes as necessary.

Go to STEP 10: <u>InstallShield Wizard Completed</u> Return to STEP 8: <u>Log Units of Measurement</u> Return to Beginning: <u>Create Discovery Project Server</u>

Discovery Project Server - STEP 10 - InstallShield Wizard Completed (FINAL STEP)

After the Install is clicked in the Ready to Install the Program step, files are installed to the workstation....

🔡 Discover	y 2012.0.0 - InstallShield Wizard
Installing The prog	gram features you selected are being installed.
P	Please wait while the InstallShield Wizard installs Discovery 2012.0.0. This may take several minutes.
	Status:
	Copying new files
InstallShield -	
	< <u>B</u> ack <u>N</u> ext > Cancel

and when the installation is finished, the InstallShield Wizard Completed dialog box appears:



Discovery can now be started through the desktop shortcuts or start menu.

Note:	The Discovery Project Server must now be configured to connect to <u>Landmark Graphics</u> <u>Licensing (LAM)</u> .
	When the Discovery application is started through desktop shortcuts or start menu, a licensing check is performed on computer. During this licensing check, the connection to LAM can be established.
	Please refer to Product Licensing topic for further details.

This is the final step in creating a Discovery Project Server. If necessary, other components in a Network Administrator Installation (e.g. Workstation Installations) may now be installed.

Return to STEP 9: <u>Ready to Install the Program</u>

Return to Beginning: Create Discovery Project Server

Return to: Network Administrator Installation

Landmark Connectivity Installation

Landmark Connectivity Installation

Installing Landmark Connectivity will install the following Discovery applications\features:

WellXchange

- GridXchange
 - SeisXchange

Landmark Connectivity will be installed by default with the Discovery <u>Typical</u> setup type installation or can be custom installed by selecting the Landmark Connectivity feature in the Discovery <u>Custom</u> setup type of the installation.

Caution:	Note: To run Seisxchange, and GridXchange, Landmark OpenWorks for <u>Windows</u> 5000.0.2.7 and it's associated software components must also be installed.
	In addition, if you are utilizing SeisXchange, an NFS application such as Hummingbird ® NFS Maestro must also be installed and the configuration of several components to access SeisWorks will be necessary. (does not apply to WellXchange-OpenWorks Connect or GridXchange).
	Please refer to <u>Preparing the SeisXchange Environment</u> for further information if you will be utilizing SeisXchange and SeisVision on OpenWorks.

Go to: OpenWorks for Windows

Go to: Preparing the SeisXchange Environment

Return to: Installation

OpenWorks for Windows 5000.0.2.7

Note: Discovery on OpenWorks projects, GridXchange, and SeisXchange require OpenWorks for Windows.

Please refer to the OpenWorks 5000.0.2.7 Installation Procedures in Landmark OpenBooks 5000.0.2.0 for detailed, step-by-step instructions for installing OpenWorks for Windows 5000.0.2.7.

The Landmark OpenBooks 5000.0.2.0 will discuss installing all the software components associated with OpenWorks for Windows 5000.0.2.7:

- Oracle® Enterprise 10g Client 10.2.0.3g.
- X-Server (OpenWorks for Windows 5000.0.2.7 is certified with Hummingbird Exceed® v8.0)
- Adobe® Acrobat Reader 5.x
- OpenWorks for Windows 5000.0.2.7

Note: The OpenWorks full install requires Hummingbird Exceed. The Oracle client installation in use with OpenWorks Full requires that the "Administrator" option be selected. The "Administrator" option type includes the SQL Plus, the Oracle Database Utilities, and other components necessary to run Discovery on OpenWorks

<u>Note</u>: Hummingbird exceed is not required for the OpenWorks Basic install. If Openworks Basic installation is used, the Oracle client can be installed with "Administrator" installation type, which will include all of the needed components. Or, the Oracle client installation for the OpenWorks Basic installation can use the "Custom" install type however, the following components must be installed:

- Oracle Database Utilities 10.2.0.1.0
- SQL *Plus 10.2.0.1.0
- Oracle JDBC/THIN Interfaces 10.2.0.1.0
- Oracle Net 10.2.0.1.0

After these Oracle components are installed, run the upgrade patch to Oracle 10g 10.2.0.4 (32 bit).

Preparing the SeisXchange Environment

Once <u>OpenWorks for Windows</u> along with <u>Discovery</u> are in place, the installation and configuration of an NFS application along with configuration of the dir.dat file to access SeisWorks will be necessary if SeisXchange or SeisVision on OpenWorks will be utilized:

- 1. Install and configure NFS application as necessary.
- 2. Export the required UNIX ® /LINUX ® SeisWorks file systems for NFS.
- 3. Verify that all the required NFS daemons are running on the UNIX ® /LINUX ® computer.

4. Configure Windows ® environment variable OW_CONF_DIR which defaults to \$OWHOME/conf, where ithe district.dat file is located, which will point to the location of the dir.dat file associated with the district.

5. Configure dir.dat (example shown below) to find exported SeisWorks files systems.

🧮 dir. dat - WordPad 📃 🗖	X
<u>File E</u> dit <u>V</u> iew <u>I</u> nsert F <u>o</u> rmat <u>H</u> elp	
//geoden14/export/data1/SeisWorks_DATA sys global //geoden14/export/data2/SeisWorks_DATA global	
For Help, press F1	11.
Utilities

Utilities

You can install Discovery 2012.0.0 Utilities from the download of the <u>Discovery2012.0.0 Software from LSM</u> or from the Discovery 2012.0.0 Release DVD.

If you have downloaded <u>Discovery 2012.0.0 from LSM</u>, See the **GeoGraphix Discovery 2012.0.0 Utilities Read Me** to install the Utilities. Click on the **Install Guide** button **Iso** LSM to open the **GeoGraphix Discovery 2012.0.0 Utilities Read Me** file.

If you have downloaded <u>Discovery 2012.0.0 from LSM</u>, go to the **C:\Program Files (x86)\GeoGraphix\Utilities folder** (for XP 64 bit Operating Systems), or the folder you specified to save the Utilities folder during the download, and double click on the specific Utility executable file to begin.

If you have ordered the Discovery 2012.0.0 DVD, continue through this step.

Insert the Discovery/Landmark Connectivity/Seismic Modeling DVD-ROM into the DVD-Drive.

If you have ordered the Discovery 2012.0.0 DVD, Insert the Discovery/Landmark Connectivity/Seismic Modeling DVD-ROM into the DVD-Drive.

The GeoGraphix splash screen appears for a few seconds.

<u>Note</u> :	If the GeoGraphix splash screen does not appear automatically, go to the Start menu, and choose Run. In the Run dialog box, browse to the appropriate DVD-ROM drive and
	select the Install.exe file. Click OK.



then an install option window appears







The Utilities screen appears.....



There are two utilities available on the Utilities screen:

- Install PRIZM Chart Utility
- Install SeisVision SEG-Y Trace Viewer

Utilities - Install PRIZM Chart Utility

If you have downloaded the Discovery 2012.0.0 Utilities and used the default settings the PRIZM Chart Utility folder will be in the C:\Program Files (x86)\GeoGraphix\Utilities folder (for a typical download on Windows® XP 64 bit operating systems). If you have not used the default settings during the download, navigate to the folder specified for saving the Utilities. Clicking Setup.exe in the Prizm Chart Utility folder will open the Prizm Chart Utility dialog box.

If you have the Discovery 2012.0.0 DVD, insert the DVD into the DVD drive and select

Install PRIZM Chart Utility

on the Utilities screen of the Discovery install screen or the release DVD

to launch the PRIZM Chart Utility Setup program.



Utilities - Install SeisVision SEG-Y Trace Viewer

If you have the Discovery 2012.0.0 DVD, insert the DVD into the DVD drive and select



on the Utilities screen of the Discovery install

screen or the release DVD to launch the SeisVision SEG-Y Trace Viewer Setup program.



Uninstalling

Uninstalling Discovery 2012.0.0

Similar to uninstalling other Windows ® applications, Discovery 2012.0.0 can be removed from a computer using Add/Remove Programs in Control Panel.

Uninstall Windows® 7

Windows Vista

Uninstalling Discovery 2012.0.0 in Windows 7

There are 3 simple steps to removing Discovery 2012.0.0 on a Windows ® 7 computer:

<u>Note</u> :	All Discovery applications should be closed or exited before completing the following steps.
•	STEP 1 - Stopping GeoGraphix Services in Control Panel Services
•	STEP 2 - Getting Started with Add/Remove Programs in Control Panel

STEP 3 - <u>Removing Discovery Software</u>

Uninstall Discovery in Windows 7 - STEP 1 - Stopping GeoGraphix Services in Control Panel Services

From Windows ® 7 Taskbar, use Start >> Control Panel >> Administrative Tools >> Services to open the Services applet window.

There are three GeoGraphix Services that should be stopped before removing GeoGraphix software:

- GGX Database Service
- GGX List Service (v2)
- GGX Network Access Service

Services		M .				
Eile Action ⊻iew	Help	///				
⊨ ⇒ 🗔 🙆 🖬	🛛 📖 🕨 🗰	11/10				
Services (Local)	O: Services (Local)	111				
		-111				
	Select an item to view its	description.	Name	Description	Status	Startup Type
		- 111	🖳 Disk Defragmenter	Provides Dis		Manual
		11	🔍 Distributed Link Tracking Client	Maintains li	Started	Automatic
		11	Coordina	Coordinates		Manual
			Client DNS Client	The DNS Cli	Started	Automatic
			Encrypting File System (EFS)	Provides th	Started	Automatic
			Retensible Authentication Protocol	The Extensi		Manual
			🗣 Fale	Enables you		Manual
			Function Discovery Provider Host	The FDPHO	Started	Manual
			GFunction Discovery Resource Pub	Publishes th	Started	Automatic
			G TX Database Service	Performs da	Started	Automatic
			GGX List Service (v2)	Monitors th	Started	Automatic
			GGX Network Access Service	Manages us	Started	Automatic
			Google Update Service (gupdate)	Keeps your		Automatic (D.
			Google Update Service (gupdatem)	Keeps your		Manual
			Group Policy Client	The service	Started	Automatic
			G Health Key and Certificate Manag	Provides X.5		Manual
			G HomeGroup Listener	Makes local		Manual
			G HomeGroup Provider	Performs ne		Manual
			R Human Interface Device Access	Enables gen		Manual
			RE and AuthIP IPsec Keying Mod	The IKEEXT	Started	Automatic
			2 · · · · · · · · · · · · · · · · · · ·			

If a Service is not stopped, highlight the Service then right-click and choose **Stop** to stop the Service. All 3 Services should be stopped:

- m J	
🝓 GGX Database Service	Chart
GGX List Service (v2)	Start
GGX Network Access S	Stop N
Google Update Service	Pause

GGX List Service (v2)	Monitore th
GGX Network Access	Start .
Google Update Servic	Stop .
Google Update Servic	Pause .
Google Update Servic Google Update Servic	Stop Pause

GGX Network Access Service	Chart	ed
🔍 Google Update Service (gupda	Start	
Google Update Service (gupda	Stop	
Group Policy Client	Pause 13	ed

Note:	It is recommended that the above GeoGraphix Services are stopped before removing Discovery			
software but if the Services are not stopped, the Discovery Uninstall program will stop Se				
	during the uninstall/removal process.			

Go to STEP 2: Getting Started with Add/Remove Programs in Control Panel

Return to Beginning: Uninstalling Discovery 2012.0.0

Uninstall Discovery in Windows 7 - STEP 2 - Getting Started with Programs and Features in Control Panel

To start uninstall/removal of Discovery software, open the Programs and Features applet using Start >> Control Panel >> Programs and Features.

In the Programs and Features window, **highlight** Discovery 2012.0.0. Right-click and select Uninstall to remove Discovery or select the Change or Repair buttons to modify or repair a Discovery install.

and the				
🚱 🕞 💌 📶 « All Control Panel Items 🕨 Programs and Features 🔹 🔹 🚱				
File Edit View Tools Help				
Control Panel Home View installed updates	Uninstall or chang To uninstall a program	ge a program , select it from the list and	then click Uninstall, Change, or Repair.	
off	Organize 🔻 Uninstall	Change Repair	l	- • 🔞
Install a program from the network	Name	*	Publisher	Installed (*
network	Adobe RoboHelp 9 Adobe Shockwave Playe Adobe Shockwave Playe Adobe Technical Comm Apple Application Supp Composition Supp Convery Compon Printer for Wind Convery Coupon Printer for Wind Coupon Prin	er 11.5 nunication Suite 3 ort dows Uninstall Change Repair	Adobe Systems Incorporated Adobe Systems, Inc. Adobe Systems Incorporated Apple Inc. Environmental Systems Researc Scrybe, Inc. Coupons.com Incorporated Landmark Graphics GeoGraphix Google Inc. Google CitrixOnline	3/17/2011 3/15/2011 4/29/2011 3/15/2011 3/15/2011 3/25/2011 6/8/2011 8/18/2011 5/6/2011 2/14/201; 3/23/2011 11/28/201 2/14/201; 2/14/201; 2/14/201;
	Microsoft .NET Framework 4 Client Profile Microsoft		Microsoft Corporation	3/15/2011
	Microsoft DirectX SDK (August 2009)		Microsoft Corporation	3/25/2011
	Microsoft DirectX SDK (February 2010) Microsoft Corporation Microsoft Corporation Microsoft Composition		5/15/2011	
	•	III.		E.
	GeoGraphix	Product version: 14.0.0.860 Help link: http://cs	03 s.lgc.com/CustomerSupport/CustomerS	upportHom

Note: The Change button can be used to modify or repair Discovery installations. Modify can be used to add or remove specific Discovery features. Repair will re-install the Discovery software repairing any files or registry entries that may be missing or damaged.

Click the Remove button to proceed to the next step of removing/uninstalling Discovery software.

Go to STEP 3: <u>Removing Discovery Software</u>

Return to STEP 1: Stopping GeoGraphix Services in Control Panel Services

Return to Beginning: Uninstalling Discovery 2012.0.0

Uninstall Discovery in Windows 7 - STEP 3 - Removing Discovery Software (FINAL STEP)

After highlighting Discovery 2012.0.0 and clicking the Uninstall command in the Programs and Features window a progress bar will appear and Discovery will be removed from the computer...

Discovery 2012.0.0		
Please wait while Windows configures Discovery 2012.0.0		
Gathering required information		
Cancel		

<u>Note</u> :	Some data and project file directories may be left on the hard drive. These directories are typically the following (may be different if software was installed without default directory locations):			
	C:\Documents and Settings\All Users\Application Data\GeoGraphix			
	C:\Program Files\GeoGraphix			

This is the last step in uninstalling/removing Discovery software from your computer.

Return to STEP 2: <u>Getting Started with Add/Remove Programs in Control Panel Services</u> Return to Beginning: <u>Uninstalling Discovery Release 2012.0.0</u>



Contacting Technical Support

If you have questions or issues that cannot be answered by the GeoGraphix Help Systems, you can contact GeoGraphix Customer Support at various worldwide office locations.

Write:	Telephone:		
LMK Resources, Inc. Denver Place, south Terrace 1995 18th Street, Suite 650 Denver, Colorado 80202, USA	North American office hours are 7:00 AM to 5:00 PM Monday to Friday, Mountain Time. Additional extended hours for support operations are provided to cover other regions across the globe. 1-877-435-7542 - Toll Free U.S. and Canada 1-713-839-2200 - Local Houston and International		
E-mail:	Website:		
Issues, questions or comments: solutions@geographix.com	General information on products and services: <u>www.geographix.com</u>		
	Support site including latest updates and technical bulletins: http://css.lgc.com/CustomerSupport/CustomerSupportHome.jsp		