



# GEOMEDIA PDF

## INSTALLATION GUIDE

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**CUSTOMERS.** Globally, a wide variety of organizations rely on our products daily including local, state and national mapping agencies, transportation departments, defense organizations, engineering and utility companies, and businesses serving agriculture and natural resource needs. Our portfolio enables these organizations to holistically understand change and make clear, reliable decisions.

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# Overview GeoMedia PDF Installation

The GeoMedia PDF Installation Guide in conjunction with the GeoMedia Installation Guide provides information for installing the product.

## Before You Install GeoMedia PDF

Verify that your system meets or exceeds the requirements for GeoMedia PDF listed in the GeoMedia PDF Release Guide document (accessed from the **Hexagon Geospatial Setup Manager** dialog box or the Support page on the Customer Support Portal [www.hexagongeospatial.com/support](http://www.hexagongeospatial.com/support) (<http://www.hexagongeospatial.com/support>). GeoMedia PDF runs on Windows® 7, Windows® 8.1, or Windows® 10 64-bit operating systems.

Verify that you have administrator privileges on the system where you want to install GeoMedia PDF.

Verify that previous versions of GeoMedia and GeoMedia add-ons have been removed.

Verify that the required version of GeoMedia Desktop Essentials, Advantage or Professional tier has been installed.

Turn off the User Account Control (UAC). The UAC security measures can be re-instated after installation of the product.

## Loading GeoMedia PDF on a 64-bit Operating System

This section provides the system administrator and end user with information on installing and deploying GeoMedia PDF on a 64-bit operating system. GeoMedia PDF is a 32-bit application but is run on systems with 64-bit processors and operating systems only. Loading GeoMedia PDF on a 64-bit operating system results in folder and registry entries as follows:

**Folder Location** - GeoMedia PDF product folders install under *C:\Program Files (x86)\Hexagon\GeoMedia PDF*, and common file folders install under *C:\Program Files (x86)\Common Files\Intergraph*.

**Registry Entries** - HKEY\_LOCAL\_MACHINE entries for GeoMedia PDF on a 64-bit operating system is *HKEY\_LOCAL\_MACHINE > Software > Wow6432Node > Intergraph*.

## GeoMedia PDF Documentation Set

The following documents are installed (or are available for installation) with the product, or they are provided on the delivery media:



Document	Description
GeoMedia PDF Help	A CHM file that contains instructions for using tools and commands.
GeoMedia PDF Release Guide	A PDF file that lists the enhancements, product defects that have been fixed, and system configuration requirements for the current release.
GeoMedia PDF Installation Guide	A PDF file that contains instructions for installing the product.

To access these documents, select **Start > All Programs > Hexagon GeoMedia PDF 2016**, select the links on the Hexagon Setup Manager dialog, or look in the *C:\Program Files (x86)\Hexagon\GeoMedia PDF* folder. You can also locate them on the Customer Support Portal [www.hexagongeospatial.com/support](http://www.hexagongeospatial.com/support) (<http://www.hexagongeospatial.com/support>) for your product.

## Installing GeoMedia PDF Using Hexagon Geospatial Setup Manager

GeoMedia PDF uses **Hexagon Geospatial Setup Manager** to install the software.

### Overview of Hexagon Geospatial Setup Manager

**Hexagon Geospatial Setup Manager** (*Setup.exe*) is a tool that you use to install and maintain Hexagon Geospatial software. Once the software is installed, you can also use the tool to perform the following software maintenance tasks:

- Modify
- Repair
- Remove
- Run configuration processes

If the following options are available for your site, you can also use **Hexagon Geospatial Setup Manager** to:

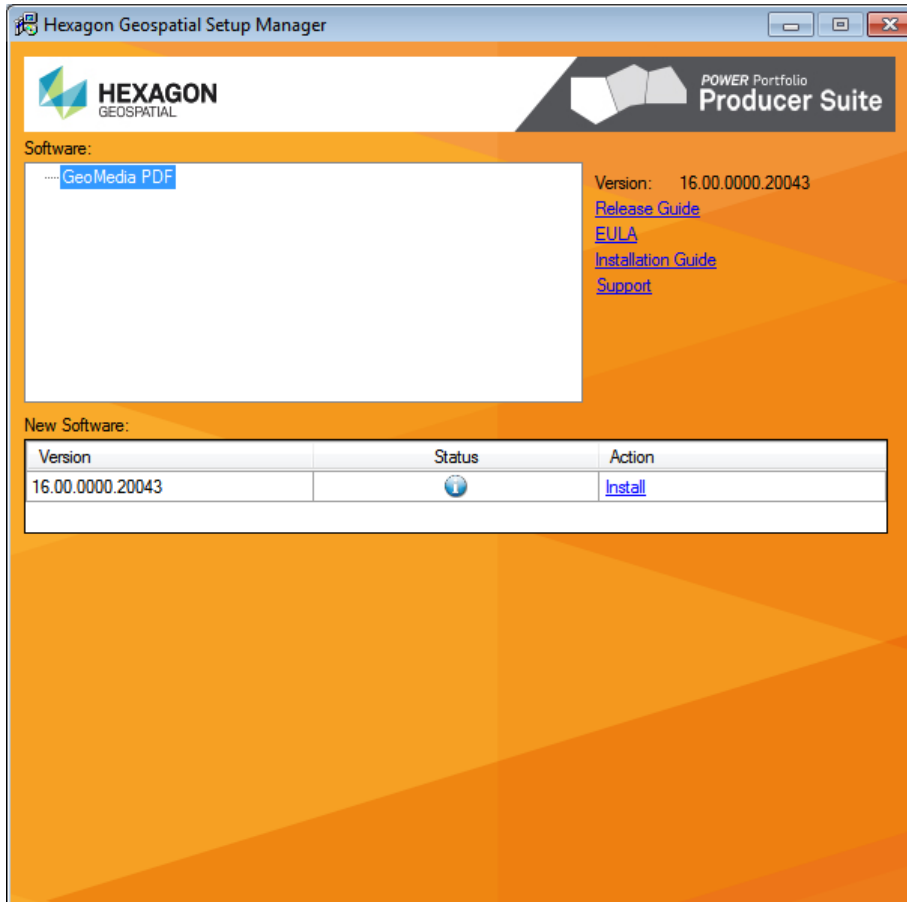
- Install complementary software
- Run the installation process in batch or silent mode.

**NOTE** If you are an application developer who wants to create a complementary software setup for **Hexagon Geospatial Setup Manager**, see *Complementary Software in Installing GeoMedia in Silent Mode* (see "Installing GeoMedia PDF in Silent Mode" on page 31).

## Hexagon Geospatial Setup Manager User Interface

The Hexagon Geospatial Setup Manager dialog opens when you double click *Setup.exe* to start the installation process.

See *Installing GeoMedia PDF* (on page 15) for the installation workflow.



### Dialog Box Options

#### Software

The **Software** box displays the list of products that you can install. Select these one at a time to install software or modify, repair, or remove software. When you select a product, the user interface updates to display the current status of the software installation, which is reflected in the **New Software** or **Installed Software** list.

### Manager

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#### Version

To the right of the **Software** box is the **Version** number of the selected product.

#### Documentation Links

Listed under the **Version** number are links that provide access to information about the selected software. The **Support** link takes you directly to the *Customer Support Portal* [www.hexagongeospatial.com/support](http://www.hexagongeospatial.com/support) (<http://www.hexagongeospatial.com/support>) website. If a document is not available for the selected software the corresponding link is disabled.

#### New Software or Installed Software

If no software products have been installed, the **New Software** box is displayed so you can install new software. Once software is installed, the label of this box changes to **Installed Software**. The **Version**, **Status**, and **Action** columns are explained below:

Version	Status	Action
<p>If you are installing software, this field displays the version available for installation.</p> <p>If you are modifying, repairing, or removing software, this field displays the version currently installed on your computer. This is a read-only field.</p>	<p>Displays an icon reflecting the status of the software you selected. See the <b>Icons</b> section below for more information.</p>	<p>The links displayed under <b>Action</b> change to reflect what actions you can perform during the installation or modify, repair, or remove process.</p>

#### Configuration

**NOTE** This box may not be implemented for all product installations.

If additional configuration steps are required for your software, the **Configuration** box opens after installation is complete. Select the application from the list and click **Configure**.

### Manager

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#### Complementary Software

Complementary software is software that is useful for or needed to run with your Hexagon Geospatial software. If complementary software is available for your site, the **Complementary Software** box opens after installation is complete. Select the application from the list and click **Install**.

**NOTE** Complementary Software is available for your site only if an application developer creates it. For more information, see *Complementary Software in Installing GeoMedia in Silent Mode* (see "Installing GeoMedia PDF in Silent Mode" on page 31).

#### Icons

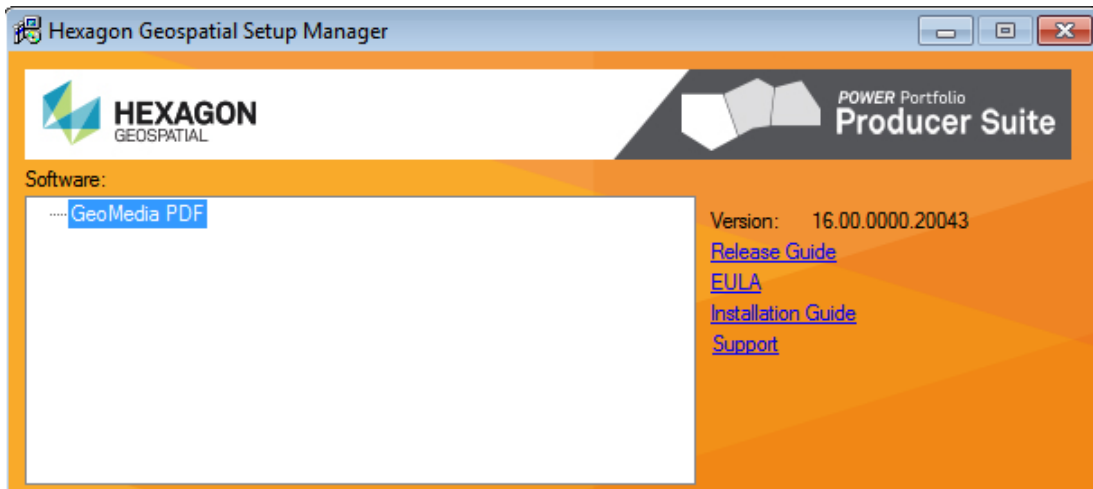
The following icons appear in the **Status** list. These icons and their corresponding tooltips change to reflect the current status of the installation or modify, repair, or remove process.

Icon	New or Installed Software	Configuration	Complementary Software
	Indicates the selected software is not installed.  Or Indicates an installation failure. Check the Event Log for information.	Indicates the installed application of the selected software is not configured.  Or Indicates a configuration failure. Check the Event Log for information.	Indicates the complementary software is available but is not installed.  Or Indicates an installation failure. Check the Event Log for information.
	Installation is in progress.	Configuration is in progress.	Installation is in progress.
	Installation is successful.	Configuration is successful.	Installation is successful.

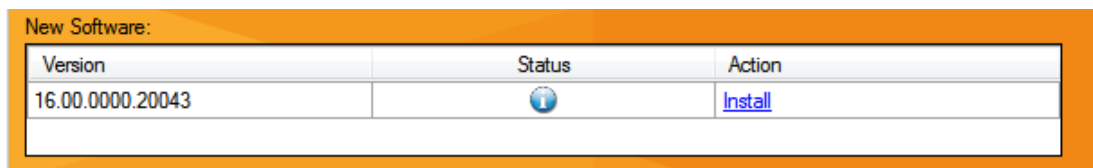
## Installing GeoMedia PDF

To Install GeoMedia PDF

1. From your delivery media, right click *Setup.exe* and select **Run as administrator**.
2. Select the appropriate product from the list of software.



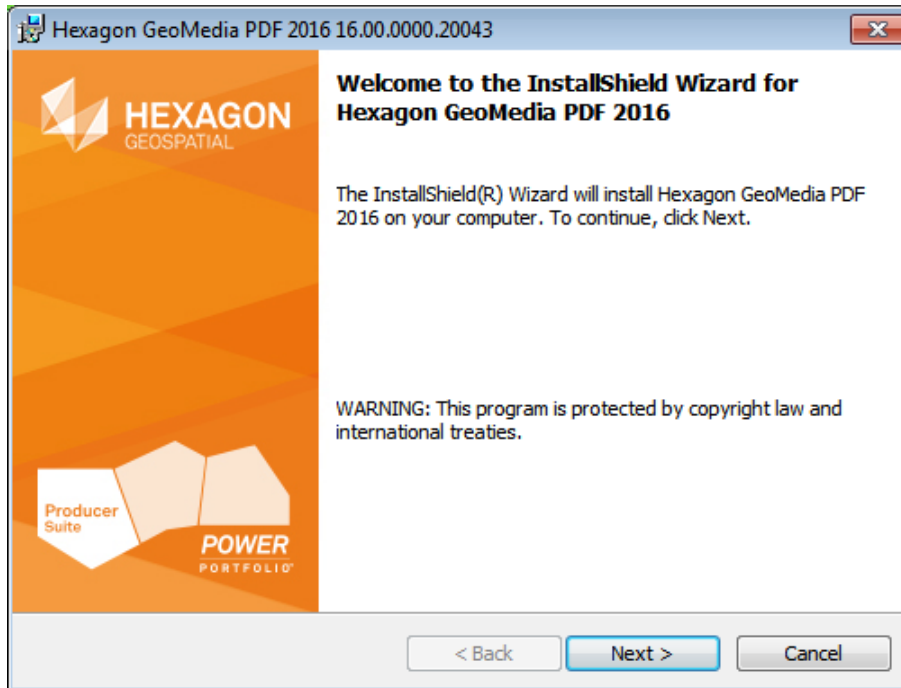
3. *Optional:* Click a link to the right of the **Software** list box to open and review documentation as required for the selected product.
4. In the **New Software** box, click **Install** under **Action**.



*The installation process begins for the selected software by displaying the splash screen and starting the InstallShield Wizard.*

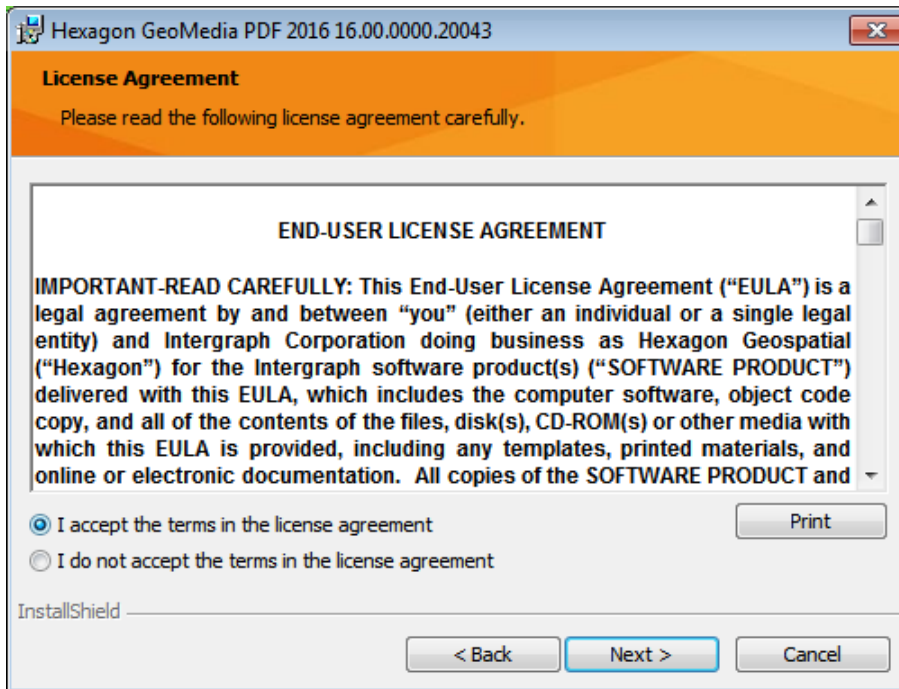
**NOTE** Once software is installed, the **New Software** title changes to **Installed Software**, and the **Action** column displays **Modify, repair, or remove** for the selected software.

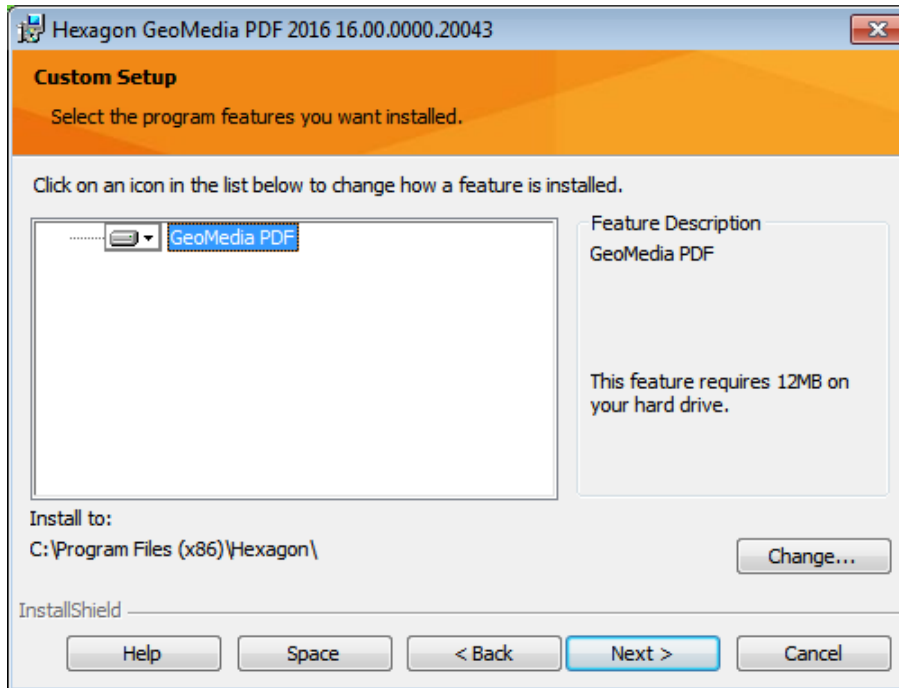
5. Click **Next** on the InstallShield Wizard Welcome screen.



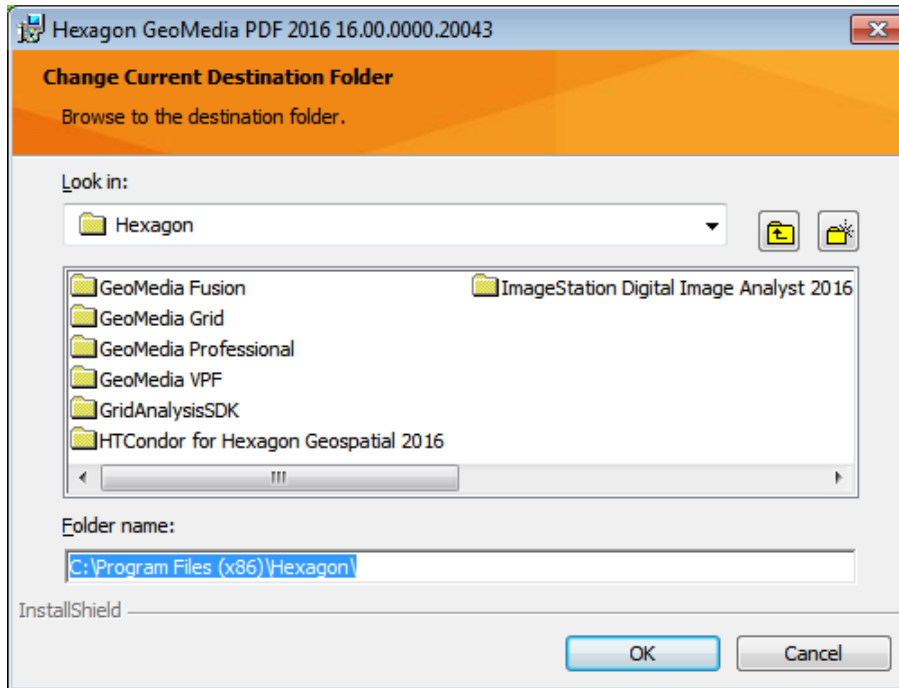


- Accept the terms in the license agreement, and then click **Next** to advance to the **Custom Setup** dialog.





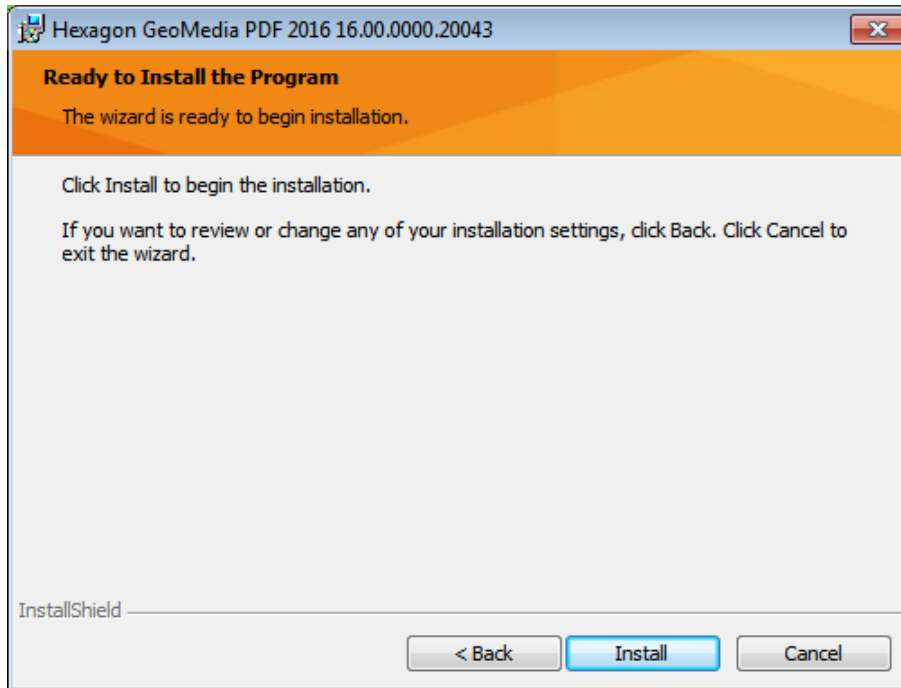
7. *Optional:* Click **Change** on the **Custom Setup** dialog box to change the installation folder and or drive on the **Change Current Destination Folder** dialog box, and then click **OK** on that dialog to return to the **Custom Setup** dialog.



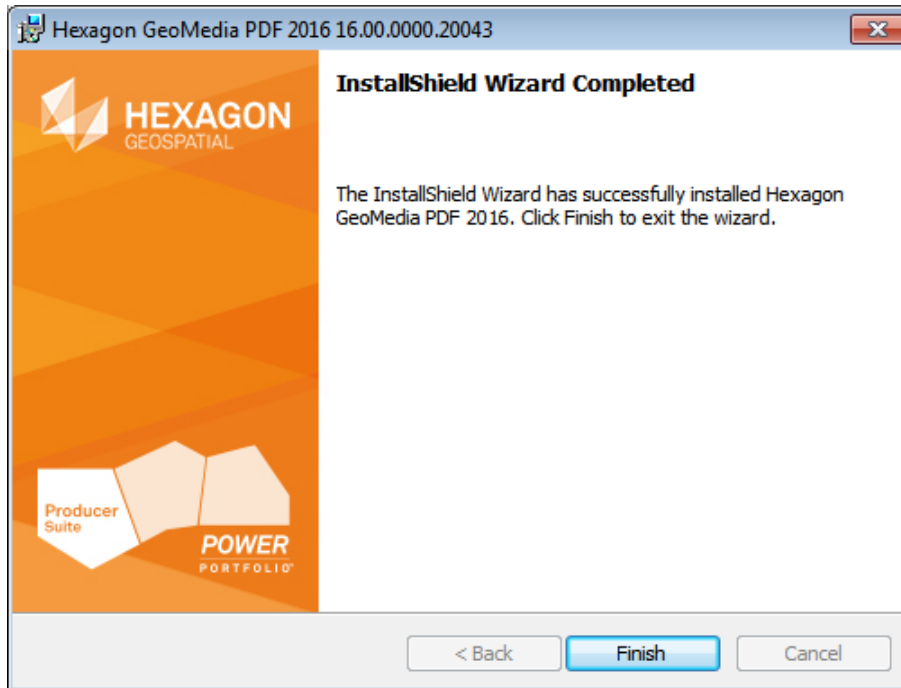
OR

Continue to the next step without changing the destination folder.

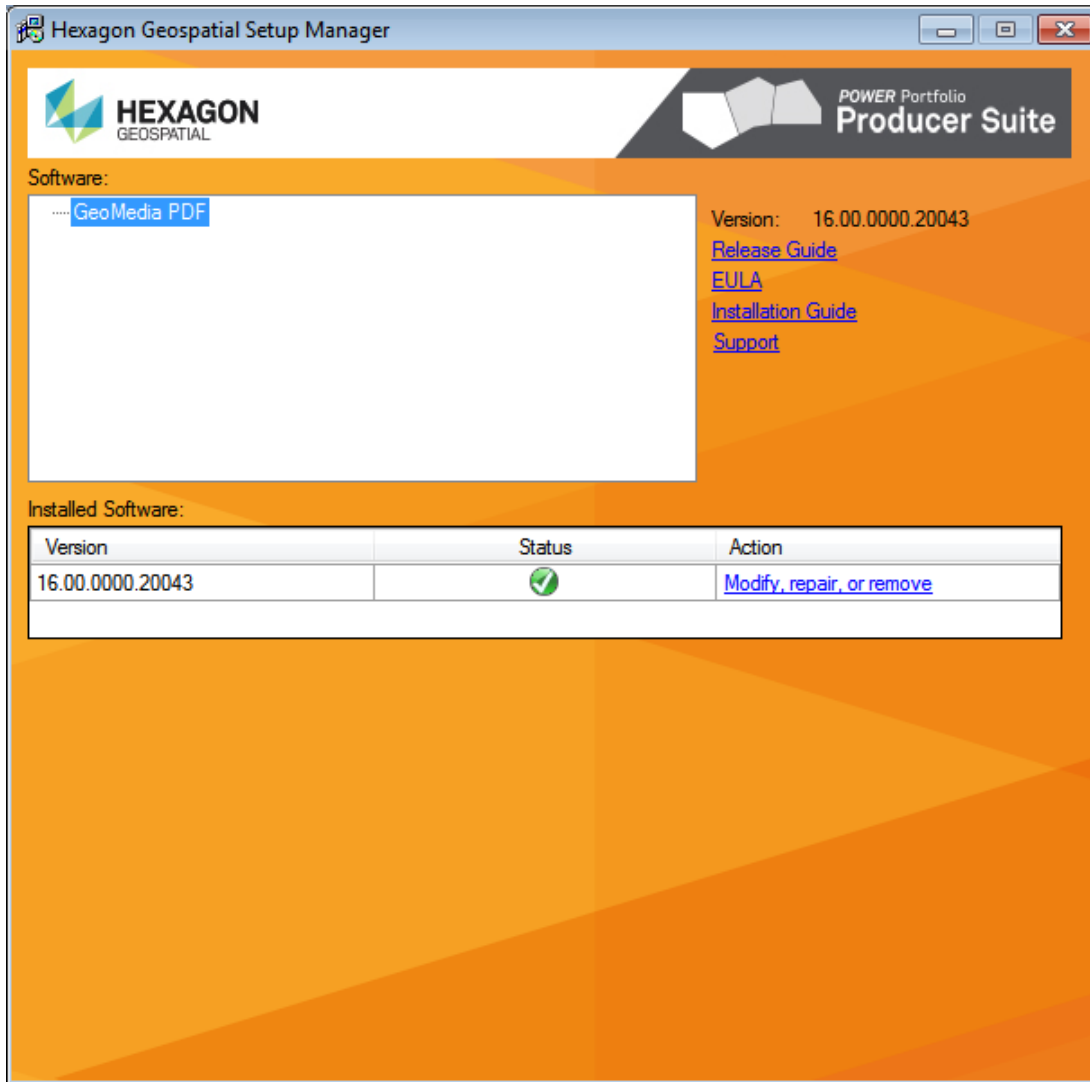
8. Click **Next** on the **Custom Setup** dialog.
9. Click **Install** to start installation.



10. When the product is installed, click **Finish**.



The **New Software** title on the **Hexagon Geospatial Setup Manager** dialog box changes to **Installed Software**, and the **Action** column displays **Modify, repair, or remove** for the selected software.



## Installing Languages and Changing the Runtime Language of GeoMedia


The GeoMedia product installation does not provide additional language options. GeoMedia product language options are provided as Language Packs on the *Hexagon Geospatial Product Download Portal* <http://download.hexagongeospatial.com/> and can be downloaded and installed as necessary. If GeoMedia Language Packs have been installed, the GeoMedia Configuration Wizard will recognize the installed language and provide them as an option on the **GeoMedia <product> Language** dialog box.



Language Packs are specific to versions of the GeoMedia product installation. They require that the corresponding version of GeoMedia product has been installed on the machine prior to the installation of any Language Packs.

GeoMedia PDF Language Pack installation requires that the corresponding language pack for GeoMedia Desktop has been installed.

### **To install languages:**

1. Download the required Language Pack from the *Hexagon Geospatial Product Download Portal* <http://download.hexagongeospatial.com/>.
2. Install the downloaded Language Pack by selecting Setup.exe (*Hexagon Geospatial Setup Manager*).
3. When the installation is finished, the Status icon on *Hexagon Geospatial Setup Manager* will change to a green check mark .

### **To change language:**

If you want to change the runtime language:

1. Run GeoMedia Desktop Configuration Wizard from Start menu.
2. Select the required language from the **Installed GeoMedia Desktop Languages** list on the **GeoMedia Desktop Language** dialog box.
3. Upon completion of defining the required language in the Configuration Wizard, click **Finish**.



- This will change the runtime language of GeoMedia Desktop and GeoMedia PDF (and any other GeoMedia add-on products).
- Only installed languages are available for selection as the runtime language in the GeoMedia Configuration Wizard.
- If the corresponding language pack is not available (installed) for the add-on product (such as GeoMedia PDF), then language of the add-on product will revert to English.



Region and Language settings of the Operating System, which are set via the Control Panel, must correspond to the runtime language in order to run GeoMedia with the selected language. The settings are on the **Formats** tab > **Format**, and the **Administrative** tab > **Language for non-Unicode programs**.

## Licensing GeoMedia PDF

The GeoMedia suite of applications uses a licensing scheme based on FlexNet Publisher®, a popular license manager used in the software industry. The two modes of FlexNet Publisher licensing used by the GeoMedia suite of products are nodelocked and concurrent.

Please visit our licensing website link (<http://www.hexagongeospatial.com/support/licensing>) through which you can access the Hexagon Geospatial & Intergraph Licensing ([https://sgisupport.intergraph.com/infocenter/index?page=licensing\\_resources](https://sgisupport.intergraph.com/infocenter/index?page=licensing_resources)) website to generate or to manage your licenses. There are help topics on this page to assist you if you have difficulty in generating or managing your license or configuring a license server.

To obtain your software license(s), you will need the License Authentication Code (LAC) included with your software package and a Host ID for the license server system. The LAC should have been included with your software package.

### NOTES

- If you need to configure your workstation as a license server you can install **Intergraph Licensing** from under **Supporting Software** on the **Hexagon Geospatial Setup Manager** dialog box of the GeoMedia Desktop product installation media, or get it from <http://download.hexagongeospatial.com>.
- If you receive a *License Not Found* error, there is a problem with the product license. A valid license is required for this product. For new installs, it is possible the license is either in the wrong location or has not been configured properly.
- For concurrent license users, make sure there is an available license and not all the existing licenses on the license server are being used.



## Starting GeoMedia PDF

To start working with GeoMedia PDF product:

- Select **Start > All Programs > Hexagon GeoMedia Desktop 2016 > GeoMedia Professional (or Advantage, or Essentials)**.
- Open a GeoWorkspace, and select the **PDF** tab from the GeoMedia ribbon bar to display the command panel.

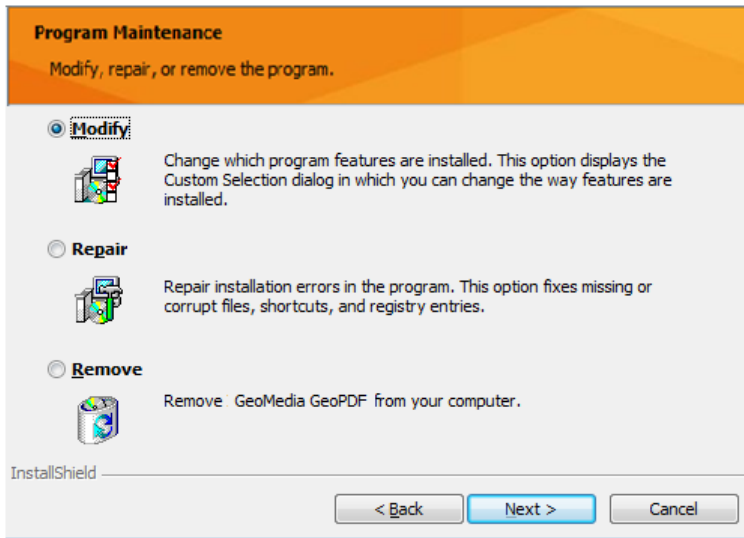
## Removing GeoMedia PDF

You can remove GeoMedia and add-on products with either Hexagon Geospatial Setup Manager or Windows Control Panel; however, Hexagon Geospatial Setup Manager is the recommended method.

To Remove GeoMedia Products with Hexagon Geospatial Setup Manager

1. From your delivery media, right click *Setup.exe* and select **Run as administrator**.
2. In the **Software** list box, select the product you want to remove.
3. In the **Installed Software** box **Action** list, click **Modify, repair, or remove**.
4. When the Wizard dialog box opens, click **Next** to open the **Program Maintenance** dialog.

5. *Carefully* read what the **Remove** option does, and if appropriate, select the **Remove** option, and then click **Next**.



6. Follow the prompts to remove the product.

### To Remove GeoMedia Products with Control Panel

1. From the **Start** menu, navigate to **Control Panel**.
2. Select **Programs > Uninstall a program**.
3. On the **Uninstall or change a program** dialog box, select the product to remove, and then click **Uninstall**.

## Removing Language Packs

You can remove Language Packs with either **Hexagon Geospatial Setup Manager** or Windows **Control Panel**; however, **Hexagon Geospatial Setup Manager** is the recommended method.

To remove Language Pack with Hexagon Geospatial Setup Manager:

1. From your delivery media, right click *Setup.exe* and select **Run as administrator**.
2. In the **Installed Software** box **Action** list, click **Modify, repair, or remove**.

3. When the Wizard dialog opens, click **Next** to open the Program **Maintenance** dialog.
4. Carefully read what the Remove option does, and if appropriate, select the **Remove** option, and click **Next**.
5. Follow the prompts to remove the product.

To remove Language Pack with Control Panel:

1. From the **Start** menu, navigate to **Control Panel**.
2. If viewed by Category, select **Programs > Programs and Features**.  
OR  
If viewed by Large Icons or Small Icons, select **Programs and Features**.
3. On the **Uninstall or change a program** dialog box, select the Language Pack to remove, and then click **Uninstall** or right click the Language Pack and select **Uninstall**.

## Troubleshooting Installation Using Logs

When an installer fails, there are a few options to get more information and act upon it:

- Create a Log file for the installation -- This can be requested by using a registry key or by specifying command-line parameters.
- Examine (and possibly Export) the Application Event Log -- This gives you access to OS events generated during installation and configuration of a product.

You can generate MSI (Windows Installer) and Application Event Logs.

**NOTE** Turning on MSI Logging from the registry, rather than from the command line, is recommended.

## Enabling Microsoft Windows Installer (MSI) Logging

You can enable MSI logging for every installation action that happens on your system.

1. From the Microsoft Windows **Start** menu, click **Run**, and type **regedit** to open the Registry Editor.
2. Find or add the following subkey Installer in the Windows registry: **HKEY\_LOCAL\_MACHINE > Software > Policies > Microsoft > Windows > Installer**.

**NOTE** You may need to create the **Installer** key.

- a. Insert Debug as a REG\_DWORD, and set its value to 7.
- b. Insert Logging as a REG\_SZ, and set its value to voicewarmup.

Once the registry strings above have been created, every time you install, repair, modify, or remove, a log file will be created in the directory identified by your TEMP environment variable.

## Creating an MSI Log for One Specific Installation

**NOTE** Turning on MSI Logging from the command line is a last choice effort.

It is highly preferred to use the registry key above to enable MSI logging because it allows you to use your standard install, uninstall, and repair workflows. The workflow below should only be used in special circumstances, for example, if you are not allowed to update the system registry, or you really only want to create the one MSI log, and you are confident you can reproduce your exact problem on the command line.

You can request a log for one specific installation if you know the specific command-line parameters that are required to reproduce your problem. You must be quite careful because entering wrong parameters (like omitting the ACCEPT\_EULA switch required by the Install in Silent Mode process) can cause your command-line installation to fail for reasons unrelated to the problem you are investigating.

### Logging the Installation of Product XYZ

```
msiexec /l*v "C:\1LogInstallation\logs\InstallationXYZ.log" /i  
"C:\msi\XYZ.MSI ACCEPT_EULA=1"
```

### Logging the Patching of a Product that Already Has Been Installed

It is also possible to log the installation of an MSP (a patch or hot-fix).

```
msiexec /l*v MyProdMSP.log /p MyProduct.msp REINSTALL=ALL REINSTALLMODE=omus  
/qbb
```

## Viewing and Exporting Application Event Log Information

Installation and configuration of software products generates some events that are seen by the Microsoft Windows Operating System itself. This type of logging is always available – you do not need to enable it. You can find it by launching the Event Viewer, and can save the events out for someone else to analyze.

1. Select **Start > Search programs and files**, and then type *eventvwr* to start the Event Viewer.
2. On the left, select **Windows Logs > Application**.

3. On the right, click **Save All Events As**.
4. Save the file as type **Event Files (\*.evtx)**.

## Hexagon Geospatial Setup Manager Logging

As noted above, logging from the registry key is highly preferred. In the case where logging from the command line is necessary, try one of these examples:

```
Setup.exe /s {SoftwareProductName} /ni ACCEPT_EULA=1 /L* MyLogFile.log  
Setup.exe /s {SoftwareProductName} /ni ACCEPT_EULA=1 /V"/L* MyLogFile.log"
```

where {SoftwareProductName} is one of the Installable Applications under SoftwareProductName identified in Installable Application Names Table in Installing ProductName in Silent Mode document.

## Tips for Resolving Issues in Installation Log

### Component Based Servicing Log

The Component-Based Servicing Log can be helpful if you get a message like this in your Installation log:

```
MSI (s) (44:14) []: Assembly Error (sxs): To get more diagnostic information, enable the Component Based Servicing Log.
```

The Component Based Servicing Log is located in %windir%\logs\cbs\cbs.log (C:\Windows\Logs\CBS)

To get the cbs log you may first need to set:

```
HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Component Based Servicing  
EnableLog=dword:00000001
```

### Windows Installer SDK Tools

Wilogutl.exe assists the analysis of log files from a Windows Installer installation, and it displays suggested solutions to errors that are found in a log file. You can use it to debug installation, repair and removal of a product.

For more information go to <http://msdn2.microsoft.com/en-us/library/aa372811.aspx> (<http://msdn2.microsoft.com/en-us/library/aa372811.aspx> (see <http://msdn2.microsoft.com/en-us/library/aa372811.aspx> - <http://msdn2.microsoft.com/en-us/library/aa372811.aspx>)).

## Technical Notes

The following topics provide explanations and/or workarounds for issues that operators may encounter.

### Issue with Specific Projections

Altering parameters in certain projections will cause the projection information in the output geospatial PDF file to not match GeoMedia's Projection Parameters dialog. For the following projections, the listed parameters should be not altered.

Projection	Parameter
Equiarectangle	Standard parallel
Mercator	Latitude of true scale
Oblique Mercator	Longitude of center
Robinson	Latitude of origin
Sinusoidal	Latitude of origin
Stereographic	Radius of standard circle, Central meridian, and Scale factor
Van der Grinten	Latitude of origin
Universal Polar Stereographic (UPS)	Latitude of true scale

## Installing GeoMedia PDF in Silent Mode

This topic contains information and background useful for those who might want to use the Windows command line to deploy GeoMedia PDF and its related Update or Service Packs installers. Using the command line to deploy a product is often useful for those who want to execute silent installations or uninstallations of Windows Installer-based installers. To enable logging during an installation or uninstallation, there are some guidelines to follow, as noted in the *Troubleshooting Installation Problems Using Logs* topic.

This document assumes that you possess a basic knowledge of Windows command line scripting techniques, and are familiar with both Windows environment variables and the concepts of variables and properties.

## Installing and Configuring GeoMedia PDF

### Prerequisite Installations

GeoMedia Desktop

### Basic Parameters for Hexagon Geospatial Setup Manager

To start the Hexagon Geospatial Setup Manager, which is *Setup.exe* in the root directory of your media, use the following syntax format for all commands:

```
setup.exe /s "GeoMedia PDF" Operation OptionalArguments
```

*Operation* and *OptionalArguments* are explained in the *Operation and Optional Arguments Parameters Table*.

### Installable GeoMedia Names Table

These are the valid names for installable GeoMedia products. These names can be found in the ProductInfo.xml file for that GeoMedia product.

<b>Name as it appears in the Hexagon Geospatial Setup Manager dialog box</b>	<b>SubfolderName under Repository folder on Media/DVD</b>	<b>SoftwareProductName</b>	<b>ConfigurableApplicationName</b>
GeoMedia PDF	GeoMediaPDF	GeoMedia PDF	GeoMedia PDF

### Installable GeoMedia PDF Language Names Table(if available)

These are the valid names for installable GeoMedia PDF Language Packs. These names can be found in the *ProductInfo.xml* file for that Language Pack.

Name as it appears in the Hexagon Geospatial Setup Manager dialog box	SubfolderName under Repository folder on Media/DVD	SoftwareProductName	ConfigurableApplicationName
GeoMedia PDF German Language Pack	GeoMediaPDF	GermanGMPDF	GermanGMPDF



Other available languages would be the same as <Language>GMPDF. Example: FrenchGMPDF.

### Operation and Optional Arguments Parameters Table

Operation	Description	Optional Arguments
/n[i r s x]	Install/modify/upgrade, repair, status of install, remove software	Parameters to be passed to product setup, for example: ACCEPT_EULA=1
/u[s]	Launches customer-authored complementary software setup within the script.	Parameters to be passed to complementary software setup.

### Installing GeoMedia PDF – Silent Mode

There are a variety of scripting languages you can use to set up unattended installation. All the examples here demonstrate the batch script commands an administrator would need to install or modify GeoMedia PDF.

These batch script commands should be run from the root directory of the DVD or extracted zip file that contains the installation.

To install GeoMedia PDF, you need to start the Hexagon Geospatial Setup Manager.



### To Install

```
setup.exe /s "GeoMedia PDF" /ni ACCEPT_EULA=1
```

### Installing GeoMedia Language Packs – Silent Mode

There are a variety of scripting languages you can use to set up unattended installation. All the examples here demonstrate the batch script commands an administrator would need to install, configure, or modify Language Pack.

These batch script commands should be run from the root directory of the extracted zip file that contains the Language Pack installation.

To install and to configure GeoMedia Language Pack, you need to start the **Hexagon Geospatial Setup Manager** for Language pack installation and **Hexagon Geospatial Setup Manager** for GeoMedia configuration separately.

### To install

```
setup.exe /S GermanGMPDF /ni ACCEPT_EULA=1 INSTALLDIR=\\\"<GeoMedia PDF Install folder>\\\"
```

### Where

GermanGMPDF is SoftwareProductName as indicated in the **Installable GeoMedia Language pack Names Table**.

<GeoMedia PDF Install folder> is the install folder of GeoMedia PDF. The default folder is "C:\Program Files (x86)\Hexagon". If you use the different drive/folder for GeoMedia PDF installation, you must specify the same folder here such as "D:\Program Files (x86)\Hexagon"

### To configure

For Language installation, the LCID (runtime language) will be set automatically upon the interactive Language Installation. The corresponding *Intergraph.GeoMedia.ConfigurationWizard.exe.config* for the language has been provided in the language folder.

On silent installation, we need to run the following command line to configure the language:

```
setup.exe /s GeoMedia /c GeoMedia
```

Where *Setup.exe* is root directory of the DVD or extracted zip file that contains the *GeoMedia product* installation, *GeoMedia* is SoftwareProductName and *GeoMedia* is ConfigurableApplicationName, as indicated in the **Installable GeoMedia Names Table in GeoMedia Desktop Installation Guide**.



The silent configuration for the language pack must run against *Setup.exe* for GeoMedia products, not *Setup.exe* for the Language Pack.

### Complete Set of Parameters for Hexagon Geospatial Setup Manager

Parameters that are available for Hexagon Geospatial Setup Manager are listed in the following tables.

Option	Parameters	Description
/s		Specifies silent mode

Option	Parameters	Description
/n	[i r s x] OR [i] PROPERTY=VALUE	Installs/modifies/upgrades, repairs, returns installation status, or uninstalls the specified product. The /n option requires the /s option above.
		i Used to install new software, modify a current installation, or upgrade a previous installation. It is a default parameter. Windows Installer public property values can be appended at the end of this parameter. Spaces are not allowed between property name, =, and property value.  When a property value contains spaces, you must enclose that property value with a backslash and double quotation mark (\").  Example: INSTALLDIR=\"c:\Test Installations\"
		r Repairs existing software installation in silent mode.

Option	Parameters	Description
	s	Returns installation status. Valid exit code values are as follows: <ul style="list-style-type: none"> <li>▪ 0 – Not installed.</li> <li>▪ 1 – Installed version is up-to-date.</li> <li>▪ 2 – Installed version is lower.</li> <li>▪ 3 – Installed version is higher.</li> <li>▪ -1 – Unable to find installation status.</li> </ul>
	x	Uninstalls software in silent mode.
	product public properties	The following are the public properties: INSTALLDIR – Destination folder for the installation. ACCEPT_EULA – End user license agreement flag. <ul style="list-style-type: none"> <li>▪ 0 - The EULA is not accepted. This is the default value.</li> <li>▪ 1 - The user has read and accepted the EULA. The software does not install until the value is 1.</li> </ul>
	Windows Installer public properties	Some commonly used standard Windows Installer public properties are as follows: ADDLOCAL-Installs a list of selectable features delimited by commas, or ALL. Features are listed in the <i>GeoMedia PDF Installer Features</i> table. Feature names are case sensitive. REMOVE-Uninstalls a list of selectable features delimited by commas, or ALL. Features are listed in the <i>GeoMedia PDF Installer Features</i> table. Feature names are case sensitive.

Option	Parameters	Description
/u	[s] OR [<ParameterList> ]	<p>Launches customer-authored complementary software setup within the script Repository\SubfolderName\ComplementarySoftwareSetup.wsf or returns the complementary setup install status. Requires the /s option above.</p> <p>A complementary software setup program can support installation, repair, upgrade, and removal, including silent/batch mode support based on its requirements, and defines its own parameter list. A complementary software setup program can take parameters using command line arguments or a file (for example, .xml, .config or any other file type). The file name and location can be an input command line argument.</p> <p>See the <i>Complementary Software</i> section later in this appendix.</p> <p>When a property value contains spaces, you must enclose that property value with a backslash and double quotation mark (\").</p> <p>Example: INSTALLDIR=\"c:\Test Installations\"</p>
	s	<p>Returns complementary software setup status. Valid exit code values are as follows:</p> <ul style="list-style-type: none"> <li>▪ 0 – Not configured.</li> <li>▪ 1 – Configured.</li> <li>▪ -1 – Unable to find complementary software install status.</li> </ul>

### Installing GeoMedia PDF – Batch Script

The following is the usage of an example batch script:

```
C:\Temp\InstallGeoMediaPDF.bat FileShareName
```

Where, FileShareName is the file share name containing the GeoMedia PDF DVD image.

### Example Batch Script

To perform a silent install of GeoMedia PDF by using a batch (.bat) file, copy the following code to a new file named *InstallGeoMediaPDF.bat*, and store it under *C:\Temp* folder.

```
@ECHO OFF
NET USE T: %1%
T:
setup.exe /s "GeoMedia" /ns
IF %ERRORLEVEL% EQU 0 GOTO Install
ECHO Install status: %ERRORLEVEL% Expecting 0.
ECHO GeoMedia must be installed before installing GeoMedia PDF.
GOTO EOF

:Install
ECHO Installing...
setup.exe /s "GeoMedia PDF" /ni ACCEPT_EULA=1
setup.exe /s "GeoMedia PDF" /ns
IF %ERRORLEVEL% EQU 1 GOTO EOF
ECHO Install status: %ERRORLEVEL% Expecting 1.
ECHO GeoMedia PDF did not install properly.

:EOF
C:
NET USE T: /DELETE /Y
EXIT /B 0
```

## Additional Examples

You can modify the basic silent install syntax to perform additional installer functions such as removing or repairing software.

### Remove Software

To completely uninstall GeoMedia PDF:

```
Setup.exe /s "GeoMedia PDF" /nx
```

### Override the Default Installation Location

To install GeoMedia PDF at the '*C:\Test Installations*' folder:

```
Setup.exe /s "GeoMedia PDF" /ni ACCEPT_EULA=1 INSTALLDIR="\c:\Test  
Installations\"
```

### Get Install Status

To get the install status of GeoMedia PDF:

```
Setup.exe /s "GeoMedia PDF" /ns  
echo GeoMedia PDF install status is %ERRORLEVEL%
```

### Uninstall a Removable Update

To uninstall a removable update (Engineering Patch, Service Pack, and Minor Release) of GeoMedia PDF:

```
Setup.exe /s "GeoMedia PDF" /ni MSIPATCHREMOVE=UpdateID
```

The UpdateID is listed in *.\GeoMediaPDF\Program\UpdateInfo.txt*.

### Repair an Existing Installation

To repair an existing installation of GeoMedia PDF:

```
Setup.exe /s "GeoMedia PDF" /nr
```

## GeoMedia PDF Installer Features

Feature codes can be employed to install specific portions of the application. They are used in conjunction with the ADDLOCAL and REMOVE parameters listed in *Complete Set of Parameters for Hexagon Geospatial Setup Manager* table.

Feature ID	Subfeature of	Description	Required
GeoMedia PDF		Installs the required files needed to run GeoMedia PDF.	Yes

## Complementary Software

This information applies if you have received complementary software along with your distribution of GeoMedia PDF.

### Install

To install the complementary software:

```
Setup.exe /s "GeoMedia PDF" /ui
```

### Get Setup Status

To get the complementary software setup status of GeoMedia PDF:

Pseudo code only; syntax depends on the scripting language.

```
RetVal = Setup.exe /s "GeoMedia PDF" /us
```

### Uninstall Setup

To uninstall the complementary software setup of GeoMedia PDF:

```
Setup.exe /s "GeoMedia PDF" /u /x
```

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# Technical Support and Information

Hexagon Geospatial® provides several ways to access information and to contact support, including self-help tools, Hexagon Geospatial Community, Hexagon Geospatial Developer Network, and phone support.

## **Hexagon Geospatial Community**

You can find support-related discussion boards and knowledge bases across the Hexagon Geospatial products on the *Hexagon Geospatial Community* <http://community.hexagongeospatial.com>. Find more information about the community on a *Community blog* <http://blog.hexagongeospatial.com/join-the-community/>.

## **Blogs**

Get the latest on our technologies: from what engineering is working on, to news about the latest APIs, as well as developer tips and tricks.

## **Discussions**

Discuss topics with other Hexagon Geospatial Product pioneers and experts.

## **Knowledge and Support**

Learn more about our products, find answers, get the latest updates, and connect with other Hexagon Geospatial Community members, or get support from our *support teams* <http://www.hexagongeospatial.com/support>.

## **Developer Network**

Share technical information with other developers who use Hexagon Geospatial's SDKs and M.App Portfolio. To get full access to the Developer Network you need to purchase a Hexagon Geospatial Developer Network (HGDN) Subscription. With HGDN, you get broad access to select Hexagon Geospatial development products in one place. You will also get access to powerful toolkits, including currently published APIs and SDKs. You also get access to in-depth resources such as tutorials, collaborative samples, and web-based training.

Find more information about HGDN on a *Community blog* <http://community.hexagongeospatial.com/t5/About-the-Community/HGDN-Subscription/ba-p/3597>.

## **eTraining**

Short, to-the-point videos showcasing specific workflows for many tasks and organized by product. We add new videos constantly, so check back often.

## **Tutorials**

Written, step-by-step instructions for our most asked-about tasks. Includes helpful hints and introduction material to get you started with our products.



***Professional Service Team***

For support phone numbers or to submit sales inquiries, general questions, and comments, click the appropriate tabs at the top of the *Hexagon Geospatial Support* (<http://www.hexagongeospatial.com/support>) page.