Installation Guide for Volume Attributes Release 2014

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Introduction

Welcome to the 2414 release of the LMKR Volume Attributes software. LMKR Volume Attributes is standalone software that operates on seismic files to extract attribute volumes. The LMKR Volume Attributes software is available through the LMKR Support Portal – Downloads page, or, on request, on a DVD.

The Welcome Guide document included with the download from LMKR or on your DVD contains information on **LMKR Volume Attributes 2014** release. The Volume Attributes 2014 Release introduces the 2014.03.07.2 version of the Volume Attributes software.

If you have any questions or issues with installation, please contact Technical Support.

What is Volume Attributes setup?

LMKR Volume Attributes utilizes Microsoft Windows [®] Installer technology for installing the LMKR Volume Attributes application. The Windows[®] Installer is a service that runs on your operating system and enables the operating system to manage the installation and uses the information contained within the package file to install the software. Windows [®] Installer technology provides powerful features for installation and component configuration, network installations (distribution\deployment) and software removal\uninstall.



System Requirements

LMKR Volume Attributes is available for Windows[®] 7 64-bit. Before you run the **LMKR Volume Attributes** installer on your system, ensure the following requirements are met. The following system requirements are provided as general guidelines. In case of any issue contact your technical sales representative or technical support.

| Processor | Pentium 4 class or better |
|-------------------|--|
| | Intel [®] Core™ i3 or better |
| Operating System | Windows [®] 7 Professional x64 |
| | Windows® 7 Enterprise x64 |
| | Windows [®] 7 Ultimate x64 |
| RAM | 2 GB Minimum |
| | 8 GB Recommended |
| Internet Explorer | You must obtain and install the appropriate language version of Internet |
| | Explorer 6.0 or higher prior to installing LMKR Volume Attributes. |



We recommend using the latest Microsoft service packs and security patches.

Before you start the installation process, **LMKR Volume Attributes** recommends that you follow these guidelines.

- 1. Install the LMKR license server on the computer to be used.
- 2. Obtain your new license file.
- 3. Ensure that **Microsoft .NET Framework 4.0** is installed.



Installation

To install the **LMKR Volume Attributes** you must have administrative rights to the local computer that will run the installer. The installation procedure includes the following steps:

- 1. Getting Started with LMKR Volume Attributes 2014 Release
- 2. Installing Microsoft .NET Framework 4.0
- 3. InstallShield Wizard Startup
- 4. License Agreement
- 5. Destination Folder
- 6. Ready to Install the Program
- 7. InstallShield Wizard Completed

1. Getting Started with LMKR Download or Release DVD

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

- If you have downloaded LMKR Volume Attributes from LMKR, go to the Download folder and double click on the VolumeAttributes 2014 Setup.exe file to begin.
- If you have ordered the LMKR Volume Attributes DVD, insert the LMKR Volume Attributes 2014 DVD-ROM into the DVD-Drive and click Install LMKR Volume Attributes when prompted.
- 2. Installing Microsoft .NET Framework 4.0

LMKR Volume Attributes version 2014.03.07.2 must have Microsoft's .NET 4.0 installed first, if not, the following message box appears.

| Volume Attributes - InstallShield Wizard | | | | | |
|---|-------------------------------------|--|--|--|--|
| Volume Attributes requires the following items to be installed on your computer. C Install to begin installing these requirements. | | | | | |
| Status | Requirement | | | | |
| Pending | I Microsoft .NET Framework 4.0 Full | | | | |
| | Install Cancel | | | | |



Click Install button to install the Microsoft .NET 4.0.

The Microsoft .NET Framework 4.0 will install and finish.

| Volume Attributes - InstallShield Wizard | | | | |
|--|--|--|--|--|
| Volume Attributes requires the following items to be installed on your computer. Click Install to begin installing these requirements. | | | | |
| Status Requirement | | | | |
| Installing Microsoft .NET Framework 4.0 Full | | | | |
| Installing Microsoft .NET Framework 4.0 Full | | | | |
| | | | | |
| Install | | | | |

3. InstallShield Wizard Startup

Once the **Microsoft** .NET Framework is finished installing, the InstallShield Wizard is started.





The Welcome to the InstallShield Wizard for LMKR Volume Attributes appears on your screen.



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

4. License Agreement

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



- a) Select I accept the terms in the license agreement option.
- b) Click Next to proceed to the Destination Folder step of the wizard.



5. Destination Folder

Destination Folder appears in this step of the wizard.

| 🔡 LMKR Va | olume Attributes 2014.0 - InstallShield Wizard |
|----------------|---|
| KR™™ | |
| Destinat | ion Folder |
| Click Ne: | xt to install to this folder, or click Change to install to a different folder. |
| Þ | Install LMKR Volume Attributes 2014.0 to: C:\Program Files\LMKR\Volume Attributes\ |
| | |
| | |
| TestallChield | |
| unstanornela - | < <u>B</u> ack Next > Cancel |

- a) Choose the destination folder to install the **LMKR Volume Attributes**. Click the **Change** button if you need to change the location that is shown.
- b) Click Next to proceed to the Ready to Install the Program step of the wizard.

6. Ready to Install the Program

This is the second to last step of the wizard.

| HMKR Volume Attributes 2014.0 - InstallShield Wizard |
|--|
| |
| Ready to Install the Program |
| The wizard is ready to begin installation. |
| Click Install to begin the installation. |
| |
| exit the wizard. |
| |
| |
| |
| |
| |
| |
| |
| |
| InstallShield |
| < <u>B</u> ack Install Cancel |

Click **Install** to copy files and begin installing the software. If you want to make any changes to the install options click the **Back** button.



7. InstallShield Wizard Completed

After the **Install** button is selected, files are installed to the workstation.

| 🛃 LMKR Vo | lume Attributes 2014.0 - InstallShield Wizard | | | | |
|-----------------------|--|--|--|--|--|
| LM KR [™] | | | | | |
| Installing | LMKR Volume Attributes 2014.0 | | | | |
| The prog | ram features you selected are being installed. | | | | |
| 17 | Please wait while the InstallShield Wizard installs LMKR Volume Attributes 2014.0. This may take several minutes. | | | | |
| | Copying new files | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| InstallShield - | | | | | |
| | < Back Next > Cancel | | | | |

When the installation is finished, the InstallShield Wizard Completed dialog box appears.



Click **Finish** to complete the install. The **LMKR Volume Attributes** software can now be started through Desktop shortcut or Start Menu Program.



When the **LMKR Volume Attributes** application is started through Desktop shortcuts or Start Menu Programs, a licensing check is performed on the workstation. Please refer to the LMKR Licensing for further details.



LMKR Licensing

If no license file is configured for LMKR Volume Attributes the following message appears.



All of the licensing of LMKR products is configured using this tool. Use this tool to set a client license for a single computer or to set up a network license on a server.

1. Select Start >> All Programs >> LMKR >> Licensing >> License Management Tool to launch the LMKR License Management Tool.

| LMKR License Management Tool | | |
|---|-------|--|
| Welcome | | |
| I want to configure client licensing for this computer | | |
| I want to setup or manage a network license server on this computer | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| KR | About | |

- You can configure a client license for a computer by clicking I want to configure client licensing for this computer option on the Welcome page.
- You can set up a network license server by clicking I want to setup or manage a network license server on this computer option on the Welcome page.



2. Setup a client License by clicking I want to configure client licensing for this computer on the Welcome page of the LMKR License Management Tool.

| P LMKR License Management Tool | |
|-------------------------------------|-----------|
| Client Licenses | |
| | |
| | |
| | |
| | |
| | |
| | |
| | Move Up |
| | Move Down |
| Linkaad Sile Add Senier Remove View | |
| | |
| Back | Done |

Use this page to configure the license for LMKR Volume Attribute.

- Click the Upload File button to select the license file from a location somewhere on your computer. Click the Add Server button if you want to point to a client license on a server. Click the Next button to view the validation of the license.
- When license has been configured properly the License Validation page will confirm that the license Passed. If the license is not valid or if the network connection is not functioning properly, the validation page will list the license as Failed.

| P | LMKR License Management Too | 1 | | |
|---|---|---|------|------|
| L | cense Validation | | | |
| | @10.1.52.205 - Pass Client1.lic - Pass Client2.lic - Pass | '@10.1.52.205' has passed the validation. | | |
| | M | | Back | Done |

- 5. Click the I want to setup or manage a network license server on this computer option on the Welcome page of the License Management tool if you want to set up a network license.
- 6. Click the **Upload** button to locate the server license.
- 7. If you want to remove a server license, click the **Remove** button.



| LMKR License Ma | nagement Tool | | |
|-----------------|--|--------|------|
| Update Service | | | |
| Service Name | LMKR License Service | Remove | |
| Port Number | 0 V Auto | | |
| License File | C:\ProgramData\LMKR\Licensing\Server.lic | Upload | View |
| | | | |
| Log File | C:\ProgramData\LMKR\Licensing\LMKR License Service.log | Browse | |
| Lmkr.exe | C:\Program Files\LMKR\Licensing\LMKR.exe | | |
| Lmgrd.exe | C:\Program Files\LMKR\Licensing\Imgrd.exe | | |
| | | | |
| - | | | |
| KR | | Back | Next |

8. Click the **Next** button and use the corresponding buttons to **Stop** and **Start** the license service, **Restart** (refresh) the server, **View a Log** file or **Validate** the current license.

| LMKR License Management Tool | | |
|-----------------------------------|------|------|
| Service Name LMKR License Service | | |
| Start Stop Restart | | |
| View Log Validate | | |
| | | |
| | | |
| | Back | Done |
| KR | | |

9. Click the **Done** button to return to the **Welcome** page, where you can **Close** the License Management Tool.



Uninstalling

- 1. Getting Started with Programs and Features in Control Panel
 - a) To start the uninstall/removal of LMKR Volume Attributes software, open the Programs and Features applet using Start >> Control Panel >> Programs and Features.
 - b) In the **Programs and Features** window, select **Volume Attributes**. Right-click and select **Uninstall** to remove **LMKR Volume Attributes**.

| Good State Control Panel | All Control Panel Items Programs and Features | | | Search Pr | ograms and Featu | 185 | |
|--|--|---------------------------|--------------|-----------|------------------|------|---|
| Control Panel Home View installed updates | Uninstall or change a program To uninstall a program, select it from the lat and then click Uninstall, Change, or Repair. | | | | | | |
| off | Organize - Uninstall Change Repair | | | | - H | - 61 | 6 |
| | Name | Publisher | Installed On | Size | Version | | |
| | Microsoft Web Deploy dbSqlPackage Provider - er | nu Microsoft Corporation | 5/24/2013 | 764 KB | 10.3.20225.0 | | |
| | O Microsoft Web Platform Installer 4.0 | Microsoft Corporation | 5/24/2013 | 4.13 MB | 4.0.1622 | | |
| | MKS Platform Components 9.x | Mortice Kern Systems | 8/23/2011 | 213 MB | 9.4.0000 | | |
| | Wozilla Firefox 12.0 (x86 en-US) | Mozilla | 4/26/2012 | 36.7 MB | 12.0 | | |
| | D Mozilla Maintenance Service | Mozilla | 4/26/2012 | 214 KB | 12.0 | | |
| | MSXML 4.0 5P2 (K8973688) | Microsoft Corporation | 4/29/2011 | 1.33 MB | 4.20.9876.0 | | |
| | MSXML 4.0 SP2 Parser and SDK | Microsoft Corporation | 2/18/2011 | 1.22 MB | 4.20.9818.0 | | |
| | S NVIDIA Display Control Panel | NVIDIA Corporation | 2/18/2011 | 135 MB | 6.14.12.5936 | | |
| | S NVIDIA Drivers | NVIDIA Corporation | 2/18/2011 | 65.1 MB | 1.10.62.40 | | |
| | NVIDIA PhysX | NVIDIA Corporation | 2/18/2011 | 80.0 MB | 9.10.0224 | | |
| | NVIDIA Stereoscopic 3D Driver | NVIDIA Corporation | 2/18/2011 | | 7.17.12.5936 | | |
| | Gracle VM VirtualBox 4.1.14 | Oracle Corporation | 11/20/2013 | 137 MB | 4.1.14 | | |
| | Prerequisites for SSDT | Microsoft Corporation | 5/24/2013 | 6.36 MB | 11.0.2100.60 | | |
| | Python 2.5 numpy-1.0.3 | | 2/23/2011 | | | | |
| | Python 2.5.1 | | 2/23/2011 | | | | |
| | 🖓 SQL Anywhere 12 | iAnywhere Solutions, Inc. | 1/2/2013 | 429 MB | 12.1.3457 | | |
| | 16" TortoiseSVN 1.7.5.22551 (64 bit) | TortoiseSVN | 2/16/2012 | 52.1 MB | 1.7.22551 | | |
| | 19 Volume Attributes | LMKR | 11/25/2013 | 5.35 MB | 0.0 | | |
| | WCF RIA Services VI.0 SP2 | Microsoft Corporation | 5/24/2013 | 25.2 MB | 4.1.61829.0 | | |
| | G Web Denloyment Tool | Microsoft Corporation | 7/17/2012 | 3.09 MB | 1.1.0618 | | |

2. Removing LMKR Volume Attributes Software

After selecting **Volume Attributes** and clicking the **Uninstall** option in the **Programs and Features** window a progress bar will appear and **LMKR Volume Attributes** will be removed from the client computer.

This is the last step in uninstalling/removing LMKR Volume Attributes software from your computer.



Contacting Technical Support

If you have questions or issues that cannot be answered by the LMKR Help Systems, you can contact LMKR Customer Support via web: <u>support.LMKR.com</u>, email: <u>support@lmkr.com</u> or telephone at our various worldwide office locations:

| The Americas | Europe, Middle East & Africa | | |
|--|--|--|--|
| 8am-6pm CST *Excluding bank holidays [Monday – Friday] Toll Free (US/Canada): +1 855 GGX LMKR Colombia: + 57 1381 4908 United States: +1 303 295 0020 Canada: +1 587 233 4004 | UAE (Dubai GMT+4): 8am - 5pm [Sunday – Thursday] *Excluding bank holidays + 971 4 3727 999 UK: 8am - 5pm [Monday - Friday] *Excluding bank holidays +44 20 3608 8042 Egypt: [Sunday – Thursday] *Excluding bank holidays +0800-000-0635 | | |
| Asia Pacific & Australian Continent | Southwest Asian countries | | |
| Malaysia (Kuala Lumpur GMT+8): 9am - 6pm [Monday – Friday] *Excluding bank holidays +60 32 300 8777 | Pakistan (Islamabad GMT+5): 9am - 6pm [Monday – Friday] *Excluding bank holidays + 92 51 209 7400 | | |

Helpful Internet Links

| Name | Website Address |
|---------------------|-------------------------|
| LMKR Homepage | http://www.lmkr.com |
| LMKR Support Portal | http://support.lmkr.com |