Title

LMKR Volume Attributes™ 2014.2 Installation Guide

Contents

Introduction

Welcome to the 2014.2 release of the LMKR Volume Attributes™ software. LMKR Volume Attributes is standalone software which operates on seismic files to extract attribute volumes. The LMKR Volume Attributes software is available through LMKR 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 2014.2 release.

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.

Important Notes:

- LMKR Volume Attributes 2014.2 is compatible with GeoGraphix 2015.0.

- The LMKR Volume Attributes 2014.2 release requires the latest License Management Tool (LMT). There are mandatory LMT upgrades so that users can configure licensing for this release. This upgrade can occur before or after installation of the Volume Attributes software. See the 'LMKR Licensing' section for more information.

This document provides important information regarding system requirements, main application features, and known issues.

LMKR Volume Attributes is standalone software, compatible with SeisVision™, which operates on seismic files to extract attribute volumes. LMKR Volume Attributes gives you the capability of generating the following attributes:
- Time-Based Attributes
- Spectral Decomposition using CAPS (Continuous – Time Amplitude Phase Spectra)
- Frequency-Based Attributes
- Expression-Based Attributes

System Requirements

LMKR Volume Attributes is available for Windows® 7 64-bit. Before you run the LMKR Volume Attributes installer on your system, please ensure the following requirements are met. These 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**.

Current service pack versions are listed. We recommend using the latest Microsoft service packs and security patches.

Before you start the installation process, we recommend that you follow these guidelines:

1. Obtain an appropriate license file (if required).
2. Install the LMKR License Management Tool (LMT) on the required machines to set up/configure license.

Installing LMKR Volume Attributes

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

1. Getting Started with LMKR Volume Attributes 2014.2 Release
2. Installing Microsoft .NET Framework 4.5.1

Installing Volume Attributes

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 application's (exe) file to begin.
   - If you have ordered the **LMKR Volume Attributes DVD**, insert the **LMKR Volume Attributes 2014.2 DVD-ROM** into the DVD-Drive and click **Install LMKR Volume Attributes** when prompted.

2. **Installing Microsoft .NET Framework 4.5.1**

   LMKR Volume Attributes 2014.2 must **have Microsoft's .NET 4.5.1 version** installed first, or the following message box appears.
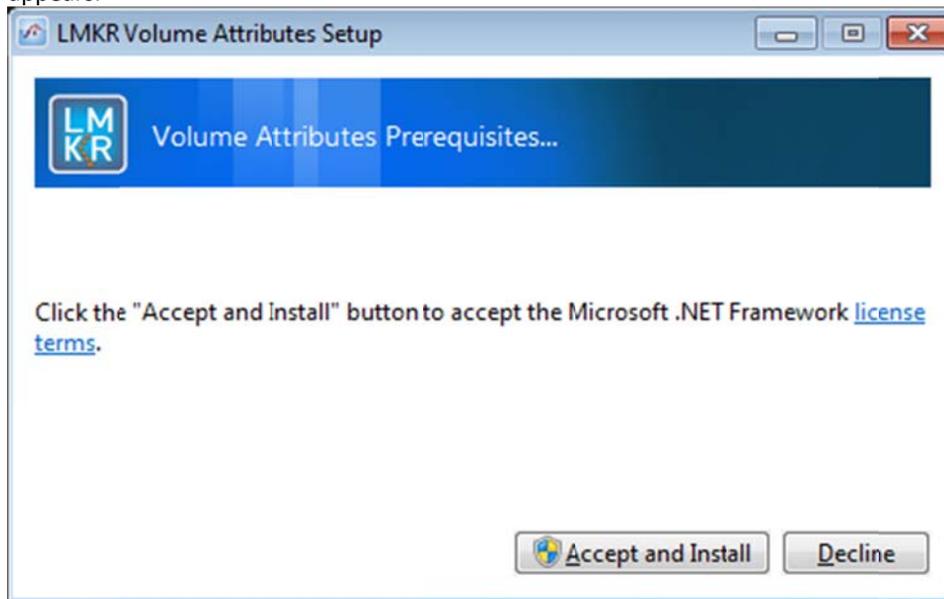
Click **Accept and Install** to install Microsoft .NET 4.5.1.
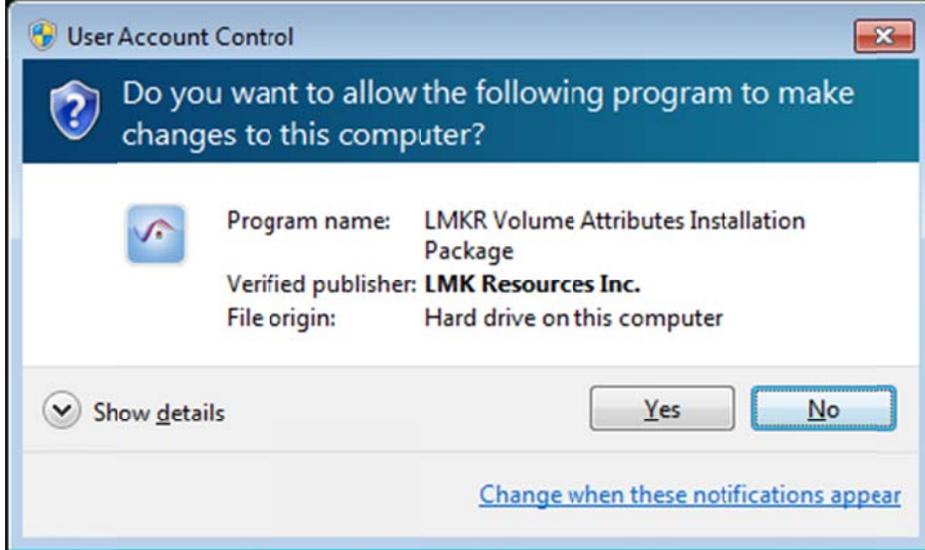
Click **Yes.** The Microsoft .NET Framework 4.5.1 installation initiates and the screen displays the progress.
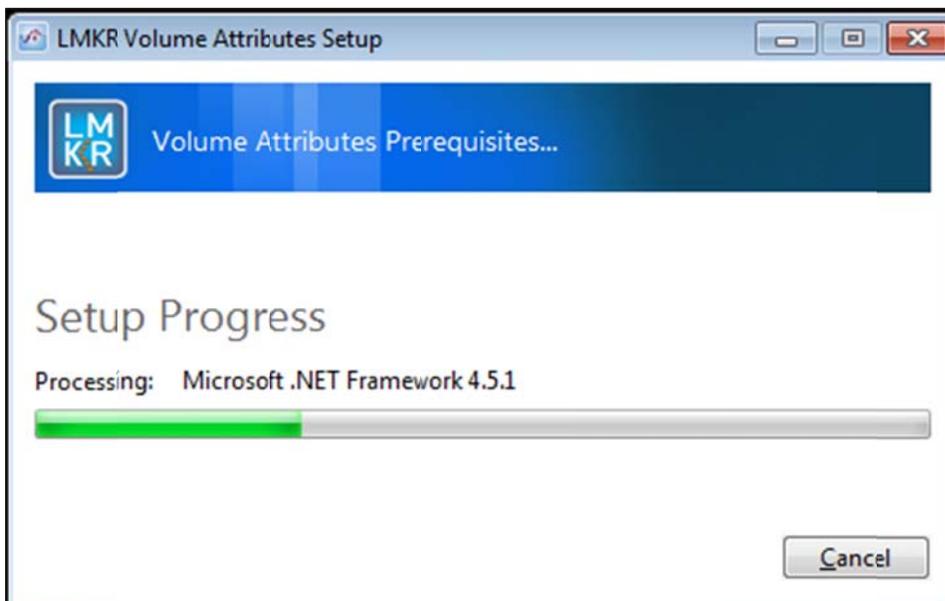
3. **Volume Attributes Setup**

Once the Microsoft .NET Framework has been is installed, the **Volume Attributes** installer starts, and the **License Agreement** screen displays.

Review the license agreement carefully and click **Install** to copy files and begin installing the software.

If you want to change the location of Volume Attributes installation, click [···] to specify a new path.

Once Volume Attributes is installed on your machine, the following screen appears.
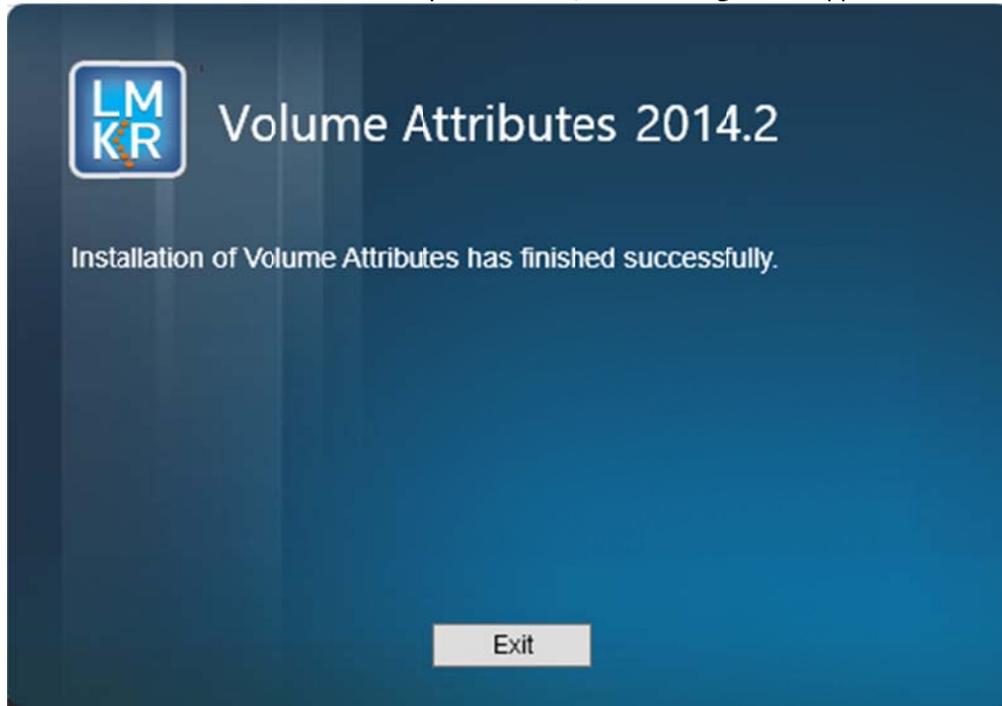
Click **Exit** to complete the install. The LMKR Volume Attributes software can now be accessed through Desktop shortcut or Start Menu Program.

> 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.
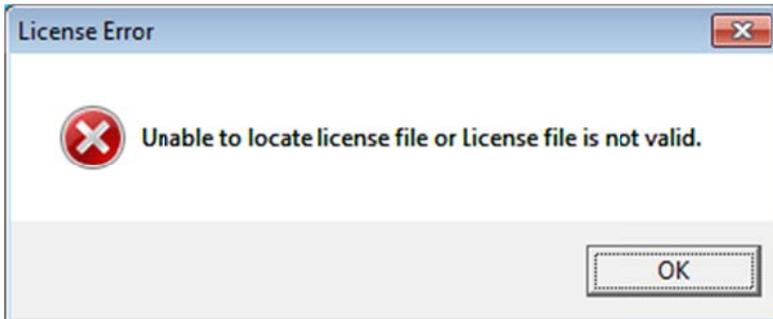
Licensing for all the LMKR products is configured using this tool. Use this tool to set a license for a single computer or to set up a network license on a server.

> Select **Start >> All Programs >> LMKR >> Licensing >> License Management Tool** to launch the **LMKR License Management Tool.**
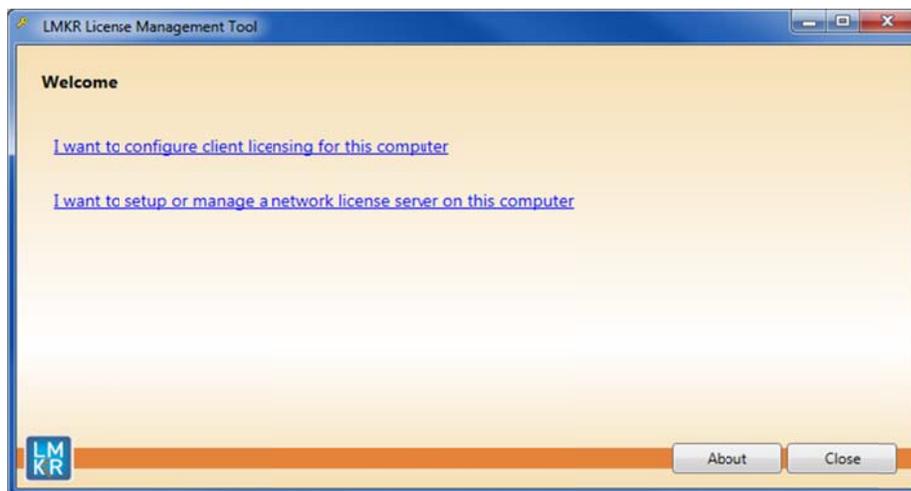
- You can configure a license on client side for a computer by clicking **I want to configure client licensing for this computer** on the **Welcome** page.
- You can configure a network license server by clicking **I want to setup or manage a network license server on this computer** on the **Welcome** page.

Client License

Configure a license on the client side by clicking **I want to configure client licensing for this computer** on the **Welcome** page of the **LMKR License Management Tool**.
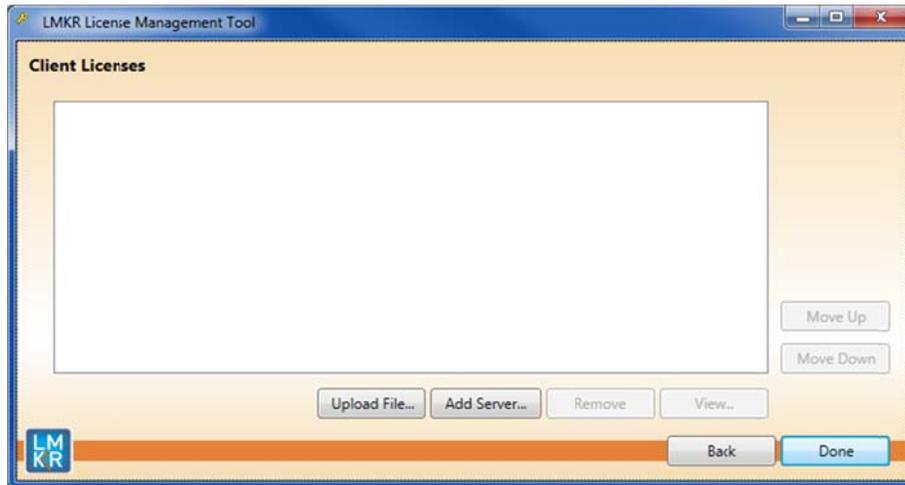
Client side license can be configured in the following ways:

- Click **Upload file** to select a standalone client license file, or
- Click **Add Server** to refer to a running license server.

Use the buttons at the bottom and right hand side of the window to add servers to the list, remove servers from the list, or move the servers up or down the list. The LMKR License Management Tool will look for license files on each server in order, from top to bottom.
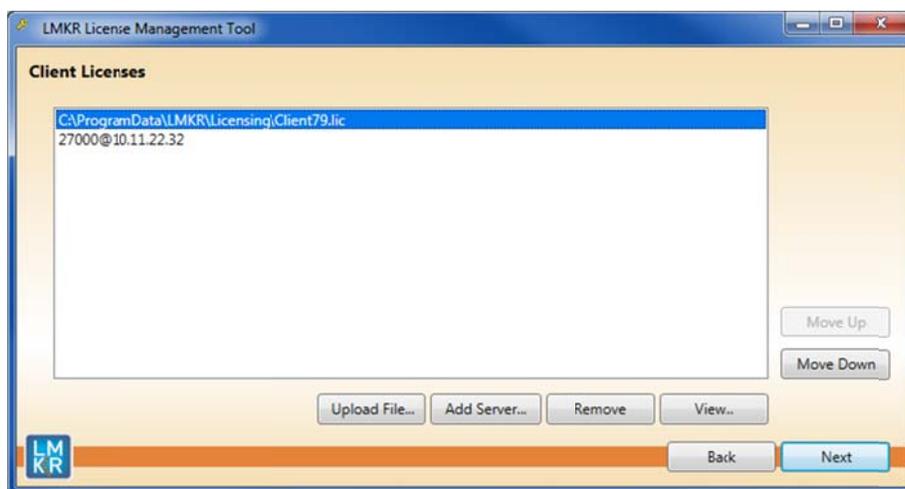
Click **Next** to view the validation of the license.

When license has been configured properly, the **License Validation** page will confirm that the license **Passed** (as shown in the image below). If the license is not valid or if the network connection is not functioning properly, the validation page will list the license as **Failed**.
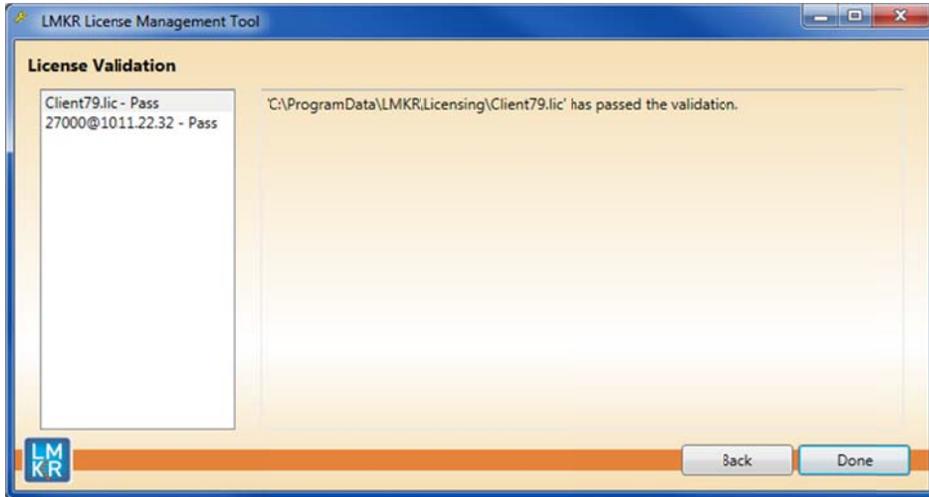
Network License

Configure a network license server by clicking **I want to setup or manage a network license server on this computer** on the **Welcome** page.

The Update Service page appears showing the location of the license server. This page lists the location of where a license server is installed on the local computer.
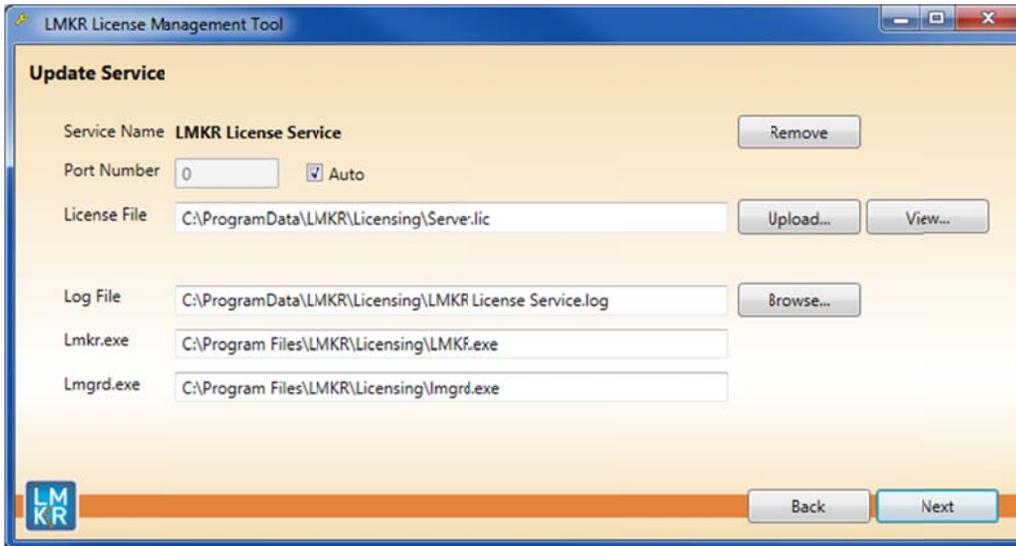
Click **Next** to access the **LMKR License Service** page where you can Start, Stop, Restart, Validate or View the license service log. The image below shows a License server in the 'Started' state.
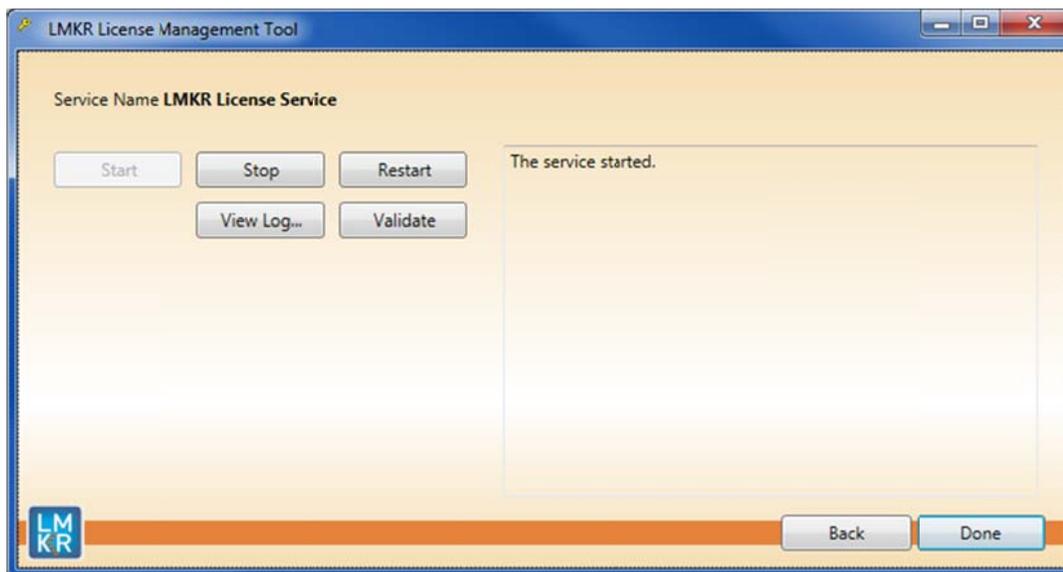
Uninstalling LMKR Volume Attributes

1. **Getting Started with Programs and Features in Control Panel**

    a) To uninstall/remove the **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**.
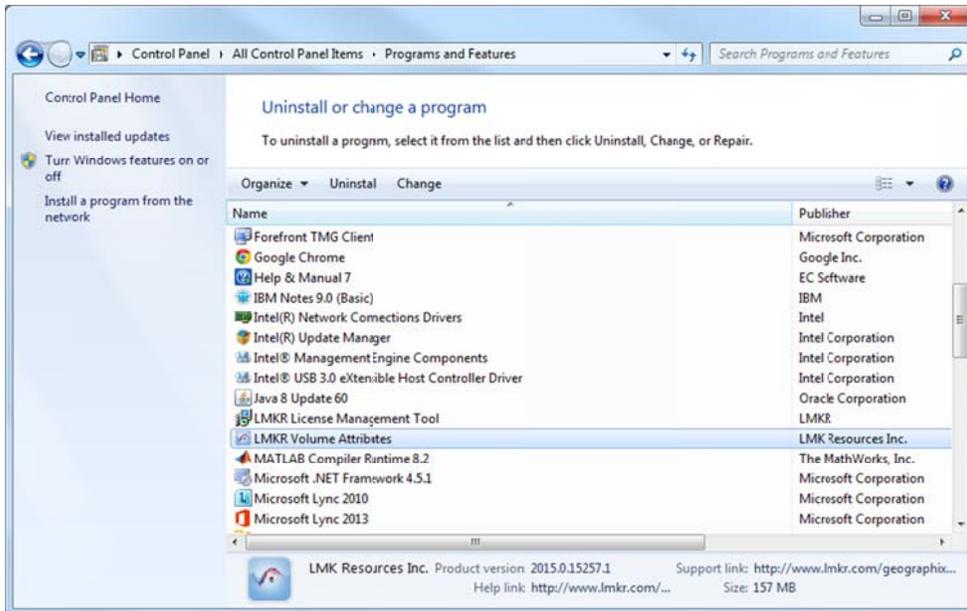
2. **Removing LMKR Volume Attributes Software**

After selecting **LMKR Volume Attributes** and clicking **Uninstall** in the **Programs and Features** window, the following screen appears.

Click **Uninstall**. A progress bar appears and LMKR Volume Attributes is removed from the computer. This is the last step in uninstalling/removing LMKR Volume Attributes software from your computer.

When Volume Attributes is uninstalled from your machine, the following screen appears.

Click **Exit** to complete the uninstallation process.

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: support.LMKR.com , email: support@lmkr.com or telephone at our various worldwide office locations:

The Americas	Europe, Middle East & Africa
8am-6pm CST [Monday – Friday] *Excluding bank holidays 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
E-mail	Website
Issues, Questions or comments support@lmkr.com	General Information on products and services www.lmkr.com Support Site including latest updates and technical bulletins Support.lmkr.com

Helpful Internet Links

Name	Website Address
LMKR home page	http://www.lmkr.com
LMKR Support Portal	http://support.lmkr.com