



Contents

- [General Information](#)
- [What's in this Release?](#)
- [Service Pack Dependencies](#)
- [New Features](#)
- [Fixed Issues](#)
- [Install Instructions](#)
- [Silent Install Instructions for GVERSE Geomodeling and Geophysics](#)
- [Files Updated](#)
- [Contact Support](#)

General Information

Date	May 28, 2018
Products	GVERSE™ Geophysics, PRIZM, XSection, smartSECTION/GVERSE™ Geomodeling, & WellBase
Version	2017.2 Service Pack 1 for GeoGraphix®
Build Number	17.2.17749.0
ECCN	This GeoGraphix service pack is exported under license exception TSU
Platform	Windows® 7 or 10, 64-bit
Prerequisite Updates	GeoGraphix 2017.2 must be installed
Supersedes Version	None
Compatible Releases	2017.2
Checksum for .exe (MD5)	94c3b445b60d846a4560b4e0e6c85bf9 Discovery2017.2.1setup.exe

What's in this Release?

This service pack includes new features and enhancements. The Fixed Issues section highlights customer reported bugs fixed in this service pack.

Service Pack Dependencies

GeoGraphix 2017.2 must be installed prior to the installation of this service pack.

New Features

GVERSE Geophysics

Custom Trace Range for Synthetic

A range of traces can be defined to display alongside the synthetic trace in SynView. You can use this option to compare the synthetic with seismic traces of your choice.

Preview 2D/3D Data Geometry during SEG-Y Loading

While loading 2D/3D data, you can preview survey location with respect to the overall project extents within the SEG-Y loader.

Addition of Extremum Attribute in Attributes Library

A new attribute named Extremum has been added to the Attributes library. The Extremum attribute calculates the value that has the largest difference from zero within a specified analysis window.

Multiple Data Types Added to SEG-Y Loader

The data types that can be selected while loading SEG-Y data have been increased from 3 to 13. These data types have been added for both 2D and 3D data.

PRIZM

Enhancements

- Significant performance improvements have been made in PRIZM to swiftly fetch results for filter options. What took 100 seconds previously, now just takes 5 seconds to fetch (combination filters of Wells with Curves & Formation Tops). The invert filter option has also been optimized.



- Performance of exporting a LAS file on a network path is greatly increased. Previously a LAS file exported on a network path took fairly long to export but now it only takes a few seconds.

Fixed Issues

XSection

ID	Fix Description
158762	Fixed memory allocation for deviated depth data to eliminate the access violation error. Previously, XSection used to crash when views were switched between Structural and Stratigraphic, with wells in the cross section in True Vertical Depth.
51103	Fixed the memory allocation for deviated depth data to eliminate memory corruption on loading XSection templates. Previously, exceptions used to pop up when XSection templates were used in cross sections.

smartSECTION/GVERSE Geomodeling

ID	Fix Description
153881	Fixed the transform for rendering issue. Previously, the Isomap layers with transparency option enabled, appeared rotated when displayed in GVERSE Geomodeling.
161383	Fixed the slow performance and apparent hang in the unconstraining process in some interpretations. Previously, the unconstraining process caused the application to hang when conformance settings were reset.

WellBase

ID	Fix Description
160362	The performance of fetching formation records is improved significantly.
161272	The completion and perforation data imports successfully. Previously, such data was not imported properly for projects having wells with protected completions.

Install Instructions

To install:

1. **GeoGraphix 2017.2** must be installed.
2. Shutdown all **GeoGraphix 2017.2** applications and services.
3. Download **Discovery2017.2.1Setup.exe** to a folder on your hard drive.
4. Right-click **Discovery2017.2.1Setup.exe**, and then select **Run as Administrator** from the context menu.

Silent Install Instructions for GVERSE Geomodeling and Geophysics

To install GVERSE Geomodeling and Geophysics applications in silent mode:

1. Install GeoGraphix in silent mode using **GeoGraphix2017.2.1** msp or exe files.
2. Install GVERSE Geomodeling and/or GVERSE Geophysics in silent mode using **Geomodeling.Install.msi** or **VVI.Install.msi** installers respectively. These installers become available after GeoGraphix installation in the **GVERSE-Installers** folder. The default location of this folder is *C:\Program Files (x86)\GeoGraphix*. This path can be different depending on where GeoGraphix is installed on the disk.
Note: Since GeoGraphix installer does not support silent install of GVERSE applications, you must use the provided msi files.
3. Use the following instructions to install these applications in silent mode:

GVERSE Geophysics:

```
msiexec /i "C:\Program Files (x86)\GeoGraphix\GVERSE-Installers\VVI.Install.msi" /qn
```

GVERSE Geomodeling:

```
msiexec /i "C:\Program Files (x86)\GeoGraphix\GVERSE-Installers\Geomodeling.Install.msi" /qn
```



Uninstall Instructions

To uninstall the GeoGraphix service pack:

1. Open the **Programs and Features** applet by selecting **Start >> Control Panel >> Programs and Features**.
2. Click **View Installed Updates** on the left panel of the **Programs and Features** applet.
3. Select **Discovery 2017.2.1**.
4. Right-click, and then select **Uninstall** to remove the service pack.

GVERSE Geophysics must be uninstalled with GeoGraphix service pack uninstall. To do so:

1. Make sure that **Discovery 2017.2.1** is uninstalled.
2. Download **GVERSE_Geophysics_2017.2.1_Unpatch.exe** utility to a folder on your hard drive.
3. Right-click **GVERSE_Geophysics_2017.2.1_Unpatch.exe**, and then select **Run as Administrator** from the context menu.

Files Updated

- XSection.exe
- SeisVision.exe (32-bit & 64-bit)
- SEGYPatch.exe



DISCLAIMER

If you have any questions or encounter any problems, please visit the **LMKR Support website**:

<http://support.lmkr.com>

Or, contact Customer Support in your region. Refer to the section [Contacting LMKR](#) for details.

Contacting LMKR

Our new dedicated system is accessible via local call-in numbers* and is an alternative way for you to submit a technical support case and/or speak directly with a GeoGraphix Support Analyst.

*Contact Us:

North & South America

Toll Free (US/Canada): + 1 855 GGX LMKR (449 5657)

Colombia: +57 1381 4908

United States: +1 303 295 0020

Canada: +1 587 233 4004

Europe, Middle East & Africa

UAE: +971 4 3727 999

Asia Pacific & Australian Continent

Malaysia: +60 32 300 8777

Southwest Asian countries

Pakistan: +92 51 209 7400

Support via Web Portal

You can also submit a support request directly to LMKR Customer Support by registering a case through the **LMKR Customer Support Portal**: <http://support.lmkr.com>

To request support in the LMKR Customer Support Portal:

1. In the main support page, **login** using your registered email and password. Please register your email before you access the site.
2. Select the **Case Management** tab or use the **Manage Cases** link on the main support page.
3. In the **Case Management** tab, click the **Create a New Case** link.
4. In the **Create Case** page, fill in the necessary information. Provide details about your technical concern, including any error messages, the workflow steps where the problem occurred, and attach screenshot that display the problem. You can also attach other files, such as example data files, which may help understanding the issue
5. Click the **Create Case** button. A support analyst in the nearest Technical Assistance Center will respond to your request.

We will ensure a quick and satisfactory answer to your query. If the problem cannot be resolved over the phone at the regional level, an escalation team will take over the resolution of your support case and will get back to you without delay.