GeoGraphix® Discovery™ Suite

*The industry’s most complete and integrated Windows®-based Geology and Geophysical Interpretation System.*

The Discovery™ Suite is a powerful Windows®-based geologic and geophysical interpretation system that combines industry-leading technologies supported by a common data and project architecture. It enables an individual geoscientist or the entire asset team to work more efficiently in a fully integrated and collaborative environment. The Discovery™ Suite provides unparalleled benefits across your company by reducing business risk and increasing asset team productivity while keeping IT costs in check.

The Discovery™ Suite is ideal for more effectively interpreting reservoirs, supporting field development and exploiting mature assets. It provides all the tools necessary for seismic, geological and petrophysical interpretations. Fast QC interpretations in "what-if" scenarios can be conducted during the asset evaluation phase resulting in faster turnaround and better, more accurate decisions. And, because all members of the asset team work with the same data simultaneously, costly mistakes caused by out-of-date versions of the project are eliminated.

**Comprises**

The Discovery™ Suite includes LMKR GeoGraphix's Advanced Geologic Interpretation and Petrophysical System, the Advanced Seismic Interpretation System, and LeaseMap™. For operators needing more advanced interpretation functionality, LMKR GeoGraphix also offers numerous add-on and stand-alone geology modules for the Discovery™ Suite including FrameBuilder™ and smartSTRAT™.

**Benefits**

*Uses best-of-breed technology*

The Discovery™ Suite provides the "best-of-breed" Windows®-based technologies for geology, geophysical, and engineering disciplines. While the sum of the parts adds up to the Discovery™ Suite, each component application will stand alone for the specialist in his or her field.
Minimizes project duplication
Geologists spend up to 70 percent of their time synchronizing redundant projects between different applications. Discovery™ Suite applications share the same powerful Sybase database, so no data transfers or project synchronizations are required. More time is spent interpreting and less on managing data.

Take it home or work on the road
The Discovery™ Suite goes where you go. It handles large projects in a networked office environment or on a stand-alone laptop. Applications automatically adapt to laptop usage when disconnected from a network environment and synchronize with the project database once reconnected.

Features
Sophisticated project and data management
- A true multi-user system where all members of the asset team can access the same project data
- Set-up sub projects for more detailed work, without duplicating the data

Fast, easy-to-use geologic interpretation
- Includes all tools required by the geologist for geologic interpretation
- Raster or vector logs are easily correlated using Xsection™ software
- Conduct quick area evaluations of production potential

Log analysis
- Complete quick evaluations or more sophisticated multi-well petrophysical studies, utilizing Petrophysical Log Analysis Software (PRIZM™)

Integrated seismic interpretation
- Develop regional or detailed 2-D or 3-D evaluations
- Incorporate your seismic analysis into your geologic evaluations for a more complete and accurate interpretation

Fast, accurate mapping
- Develop detailed maps of even the most complex areas using one of the 10 proven algorithms

High-quality final presentation displays
- Use the industry-standard ESRI technology as the native format, GeoGraphix® GeoAtlas™ provides the power and flexible display options of CAD programs
- Ensure you are working with the latest map data. Stream online map services directly into your project

Requirements
Hardware (MINIMUM)
- 2.4GHz 64-bit Intel class or better
- 4GB RAM
- 1,024 x 768 graphics resolution
- CD-ROM drive
- 19-inch monitor

Hardware (RECOMMENDED)
- Quad 2.4 GHz 64-bit Intel class or better
- 8 GB RAM or greater
- NVIDIA GeForce or Quadro - 2GB video RAM
- DVD-RW drive
- Dual 21+-inch monitors

Software
- Microsoft® .NET 4.0
- Microsoft DirectX 11

Operating System(s)
- Windows® 7 Professional x64
- Windows® 7 Enterprise x64
- Windows® 7 Ultimate x64