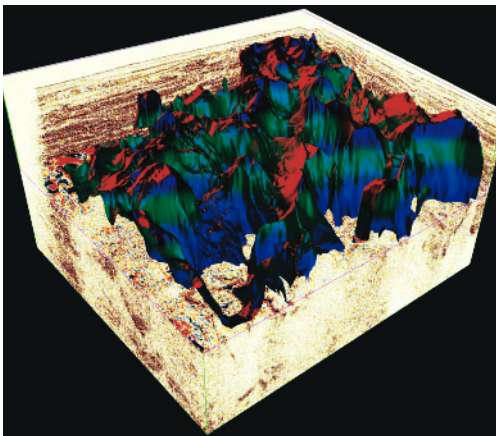


Faster, bigger, better 3D interpretation and visualization

GeoViz® 3D interpretation and visualization brings you power and flexibility for maximum impact on your workflows—whatever your workflows.

GeoViz rapidly reads and writes all data to the GeoFrame® integrated reservoir characterization database, which enables every member of your team to increase their throughput and understanding. Data types handled by GeoViz include seismic (2D, 3D and 4D); interpreted horizons and faults; wells (logs, markers, zones); geological cross sections; velocity models and structural models.



GeoViz used to rapidly interpret salt in a large Gulf of Mexico 3D survey. (Image provided by WesternGeco.)

As well as being the workhorse of the seismic interpretation workflow, GeoViz saves you time and adds accuracy to your structural modeling, depth conversion and geological workflows. It is a fast and efficient tool for the whole team to use in their daily work, whether working by themselves on a PC laptop or collaborating with colleagues in the iCenter* secure network collaborative environment.

Key benefits

- No data transfer saves you time.
- Use the same tool to work on large exploration data sets or perform detailed reservoir studies.
- Rapid fault interpretation and quality control (QC) of structural models.
- Live updates of real-time data allow you to monitor wells as they are drilled.
- Access to a large breadth of data types ensures you always see the big picture.

Seismic reconnaissance

Big data sets are no problem with GeoViz. Analyze your wealth of seismic data by rapidly scanning through several datasets using the new multiprobe workflow. Use sophisticated interpretation tools such as multiattribute voxel picking and ASAP® Automatic Seismic Area Picker to rapidly generate prospects. You may also use on-the-fly intelligent fault gridding to improve your structural understanding for quicker and more accurate 2D and 3D fault interpretation.

Go beyond your current memory limitations and still utilize all the seismic data available to you. GeoViz, as an extension of the main GeoFrame seismic interpretation applications, gives you access to all your seismic data, all of the time. This enables you to work effectively with large regional data sets, common in reconnaissance workflows, even on a desktop machine.

Reservoir studies

GeoViz gives you the detail that you need when examining your reservoir. You can work with multiple seismic volumes and have access to all the data generated within GeoFrame. Direct access to interpretation models and new volume blending techniques makes working with multiple seismic versions, such as those found in 4D/4C studies, easier than ever.

GeoViz provides the power and flexibility to work in 3D with datasets of any size on any hardware.

3D interpretation and visualization

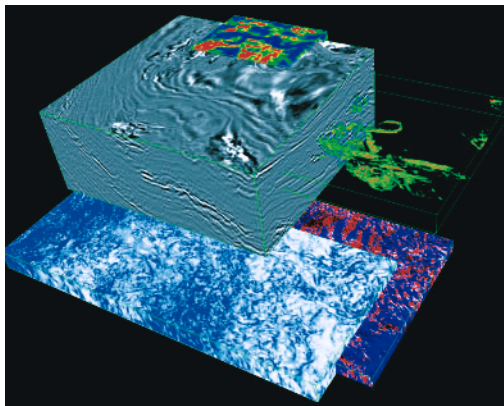
Using GeoViz in conjunction with InDepth® interactive velocity modeling and domain conversion or Framework 3D® semiautomated age-based framework construction saves you time during depth conversion or structural modeling, and provides you with the ideal tool to QC your work in 3D, producing precision results the rest of your team can depend on.

Plug in your workflows to GeoViz

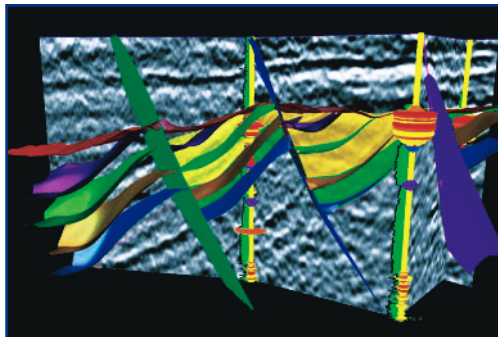
The GeoViz application protocol interface (API) allows third-party access to seismic volumes. This enables you to bring your own specialized workflow into the GeoViz canvas to streamline your productivity. The API already gives you access to the latest advanced volume-based, interpretation technology—SEA 3D⁺ from Foster Findlay Associates Ltd. (ffA), a world-leading originator and provider of high quality, multiplatform 3D image processing and analysis software to the oil and gas (O&G) industry.

Real time

Working within GeoViz, you automatically see changes made by others in your team that are working in other GeoFrame applications. If you are streaming real-time well data into GeoFrame, you can use GeoViz to monitor your well as it drills.



Multiple probes used to examine several attribute cubes simultaneously, aiding in channel identification and interpretation. (Image provided by WesternGeco.)



GeoViz is central to GeoFrame workflows. Here GeoViz is used to QC a structural framework with seismic and well data.

Why compromise?

3D interpretation and visualization of data is important in all your workflows. With GeoViz, you have access to the latest 3D tools and integration with all your data and the rest of your team. A modern, fast, sophisticated tool with a simple interface, GeoViz is easy to learn and use, and the only 3D tool you need to master. Don't limit your horizons. From the desktop to the iCenter, GeoViz impacts your workflows.

About GeoQuest

GeoViz is licensed and supported by GeoQuest, the software division of Schlumberger Information Solutions (SIS), an operating unit of Schlumberger Oilfield Services. SIS is the global industry leader for the supply of integrated business solutions comprising GeoQuest software, information management services, information technology and a complete range of expert services. Schlumberger—the leading supplier of services and technology to the international E&P industry—operates offices, service locations, and research and development facilities around the world.

- All data is read directly from GeoFrame, making GeoViz integral to your GeoFrame workflows.
- Rapidly explore and interpret huge seismic volumes.
- Use multiple probes and multi-attribute blending to get the most out of your seismic.
- GeoViz API allows you access to the latest industry technology and the ability to develop your own workflows on top of GeoViz.
- Monitor wells as they drill with real-time well data display.
- Get the detail and precision you need in production work.
- Fault interpretation made easy.
- Improve your structural modeling and depth conversion.



GeoQuest Voted
Best in Customer
Support

Contact your local GeoQuest office
or e-mail: sisinfo@slb.com for more
information about GeoViz.