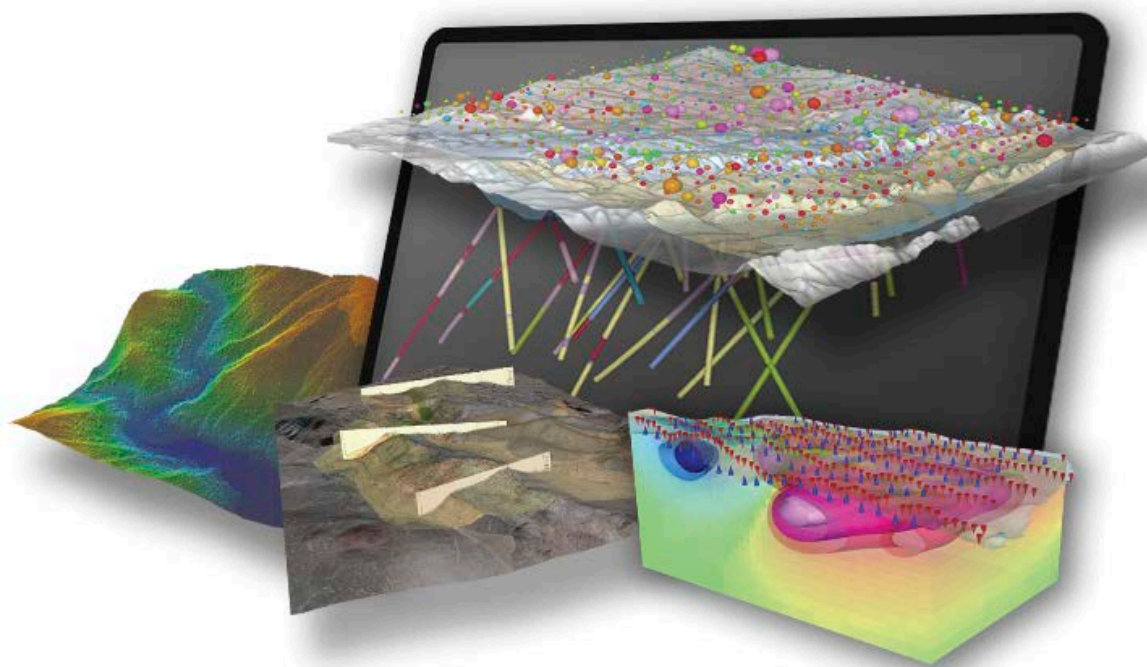


Oasis montaj



Visualize and interpret geoscience data within one dynamic, 3D environment



Performance Advantages

Oasis montaj provides a powerful way to visualize your data, for an integrated and interactive geoscience analysis and interpretation. For today's collaborative and multidisciplinary earth exploration and investigation, Oasis montaj provides a powerful suite of modelling and analysis tools for advanced understanding of the Earth's subsurface and subsea environments.

- Process, map, QA and interpret all your data, including ground and airborne survey geophysics, geochemistry, and geology, within one dynamic, 3D environment
- Visualize and analyze all available data to improve the quality of interpretations and inform project decision making
- Create complex 3D earth models of the subsurface for sharing information with colleagues and other stakeholders
- Access over 15 geoscience extensions for all your data processing, interpretation and modelling needs

Oasis montaj essentials

Data Import and Organization	Import and work with more than 50 supported data types and formats including CAD, GIS, mine planning and modelling formats. Efficiently store large geoscientific datasets in high-performance Geosoft databases and improve data access and usability throughout your project lifecycle.
Data Processing and QA/QC	Process and conduct quality control on your ground and airborne survey geophysics, geochemistry and geology data. Combine data and keep multiple profile windows open for comparison with maps. Work with collections of data points or treat individual points.
Integrated Mapping and Analysis	Create integrated maps using geology, geophysics, geochemistry, GIS data and satellite imagery to increase your subsurface understanding. Create grids, add contours, geophysics and remote sensing data to enhance your interpretations and guide decision-making.
Subsurface Visualization	View, manipulate and analyze of all your data - geology, geochemistry and geophysics - with powerful and fully integrated 3D capabilities. Create rich, detailed 3D views to visualize your geoscience data.
3D Gridding and Isosurfaces	Produce 3D voxels, using direct gridding, IDW or kriging algorithms optimized for large-volume geoscientific data. Interpolate data to produce grids, using minimum curvature, bi-directional, trended, gradient, tinning or kriging gridding routines. Grid processing and enhancement tools include interactive shading display, grid windowing, the ability to create shaded relief grids and display grid outlines. Once a voxel is created, you can easily generate open or closed isosurfaces from the voxels.
Gridknit	Rapidly and accurately merge geophysical grids regardless of cell size, projection or grid type with two advanced methods. A blending method for merging grids and a suturing method for defining a join path. The blending method quickly merges grids via standard smoothing functions. The suturing method enables you to automatically or manually define a join path then applies a proprietary multi-frequency correction to eliminate differences between the grids along the path.
Dynamic Data Linking	Click on a point on a map and immediately see the exact data point within the database, profile, graph, map, model and/or data view in one, two and three dimensions. Interact with data throughout your project, and immediately evaluate results, to make QA/QC, anomaly location and target selection quicker and more efficient.
Digitizing and Wireframing	Digitize geological interpretations on section and plan maps. Use wireframing tools to easily join interpretations to build 3D subsurface geological models. Manage your interpretations by using a single geostring file to store all the interpretations for a drill hole project.
Sharing and Collaboration	Easily connect between Oasis montaj and GIS or specialized modelling applications with available plug-ins and data conversion options. Collaborate with colleagues and stakeholders by using the Viewer to share projects, maps, grids, 3D views and interpretations. Esri technology is built in to ensure seamless creation, viewing and sharing of ArcGIS MXD and Geosoft Map files between Geosoft and Esri users.
Spatial Data Search	Find, display and extract geospatial data from a variety of data servers for complete investigation and informed decision making. Search internal as well as public servers, including Geosoft DAP, ArcIMS, and Tile servers without leaving the Geosoft environment.

Oasis montaj extensions

Add more capabilities to Oasis montaj Essentials subscription to meet all your multi-disciplinary data processing, interpretation and modelling needs within an integrated geoscience platform.

Over 15 geoscience extensions are available as subscription bundles:

Geophysical Processing

Industry-standard tools for basic and advanced geophysical data processing.

- AIRBORNE QC & LEVELLING
- GRAVITY & TERRAIN CORRECTION
- INDUCED POLARIZATION
- PRAGA RADIOMETRICS

Geology & Geochemistry

A complete solution for 3D geological modelling and interpretation combined with geochemical analysis tools, for a great value.

- GEOLOGICAL INTERPRETATION

**Includes a geochemical analysis and QA/QC toolset designed for the exploration geologist.*

Geophysical Interpretation

Multifaceted interpretation and integrated analysis of all your geophysical data.

- MAGMAP GEOPHYSICAL FILTERING
- GRAVITY & MAGNETIC INTERPRETATION

Unexploded Ordnance

Industry-leading technology for land and marine UXO detection, analysis and survey project planning.

- UXO LAND
- UXO MARINE
- UX-ANALYZE

**UXO Land and UXO Marine are also available in a combined package.*

Geophysical Modelling

Powerful technology for gravity and magnetic modelling and 3D inversion.

- GM-SYS PROFILE MODELLING
- GM-SYS 3D MODELLING
- VALEM
- VOXI EARTH MODELLING

**GM-SYS Profile and GM-SYS 3D are also available as a combined package.*

Partner Software

Solve unique data challenges with Oasis montaj toolsets developed by Geosoft Partners.

- CET GRID ANALYSIS
- CET PORPHYRY DETECTION
- COMPUDRAPE
- POTENT Q
- PREDICTIVE TARGETING

Value and flexibility

Choose the subscription option that best fits your business requirements to access the tools you need simply, conveniently and cost-effectively. Easily manage your software usage, access support and an extensive learning library within one secure, online space.

- Get affordable, single-user access to Geosoft software
- Add more subscribers, or more tools, to your subscription to meet changing team and project requirements
- Select from monthly, annual and multi-year terms
- All subscriptions include upgrade coverage, ensuring you always have the most up-to-date Geosoft technology
- Get continuous support and access to online learning resources in My Geosoft
- Increase productivity with value-added Geosoft training and software services



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