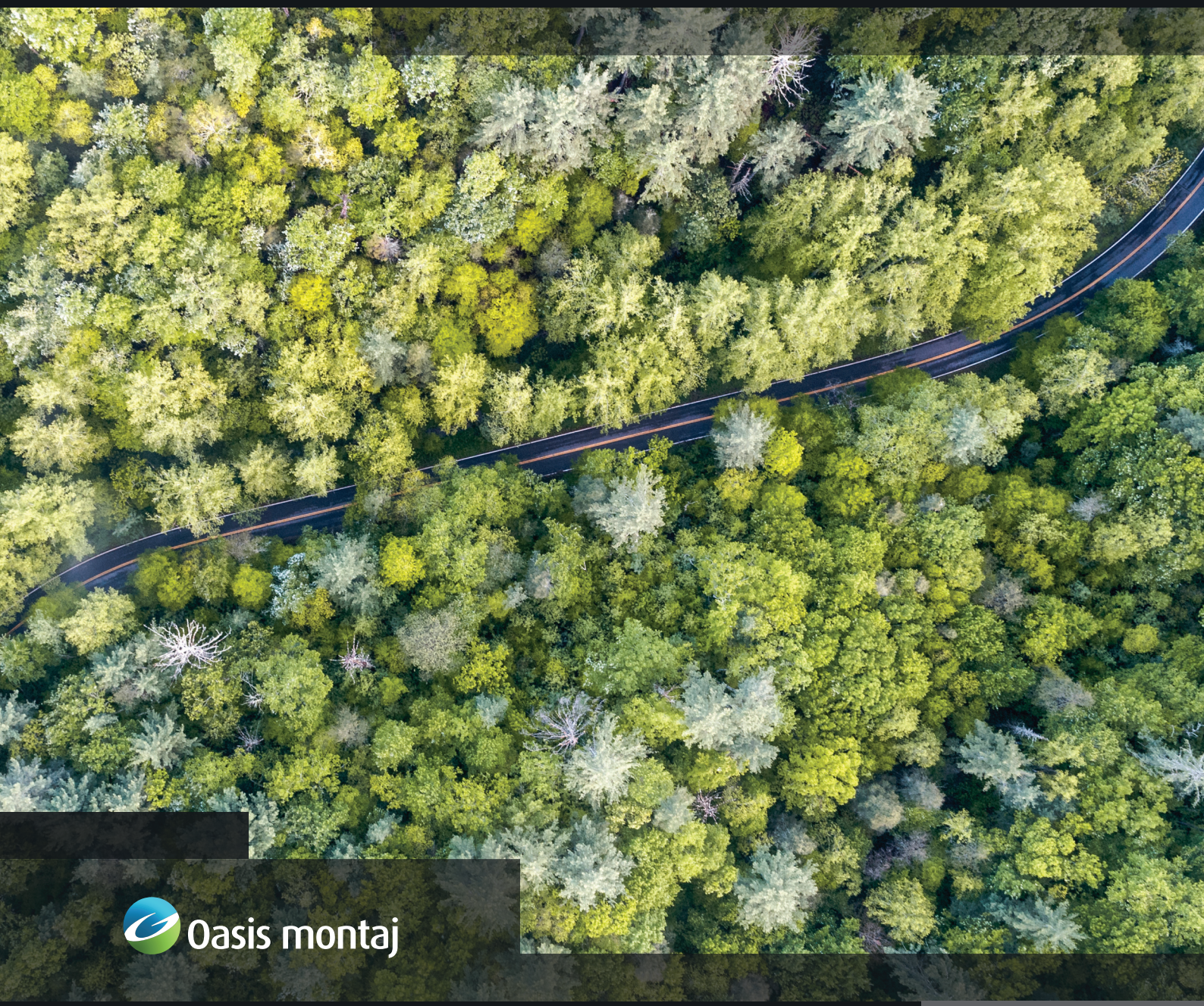
SEEQUENT



Oasis montaj

Transform data into decisions with Oasis montaj

Visualise, analyse, and integrate all of your geoscience data

Seequent, The Bentley Subsurface Company

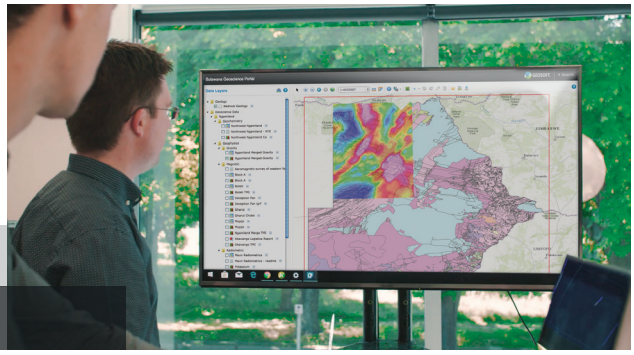
Setting the standard in geophysical modelling and interpretation for over 30 years – and still evolving

Process big data with ease

View, QA/QC, transform, and analyse all raw data – geology, geochemistry, and geophysics – with powerful 2D and 3D modelling capabilities.

Rapidly assess and experiment with large data sets in real-time, running numerous filters and processes. Spatially align all data with real-time coordinate projection.





Integrate all geoscience data

Import, overlay, and work with more than 50 common formats from CAD to GIS to mine planning and modelling. Directly import data from many online geoscience repositories.

Bring geoscience data together to build a complete model – and easily pass off files to teams working with different formats. Code your processes through the Oasis montaj open API.

Customise your workflows

Each project is unique. Record and automate repetitive and complex data processing tasks. Streamline collaborative workflows and save time to focus on generating insights.

Plus, add custom tools and workflows for the geoscience data you need with Oasis montaj extensions.





Extend your data processing power

Select from over 25 Oasis montaj extensions to visualise, QA/QC, process, and interpret specialised data, including magnetic and gravity, resistivity, radiometrics, geochemistry, and geology.



Advancing your geoscience data analysis

Work seamlessly across geoscience and GIS environments with built-in Esri integration and plug-in connectivity with MapInfo.

Import and organise project data

Import and work with more than 50 supported data types and formats. Efficiently store large geoscientific datasets in high-performance databases to improve data access.

Project real-time coordinates

Have data in Latitude and Longitude, and in Easting and Northing? Oasis montaj automatically aligns geospatial information when you overlay data, no matter the format. Re-project data into another coordinate system in real time so you always know you're in the right place.

Visualise geoscience data

View, manipulate, and analyse geophysics, geology, and geochemistry data with powerful 2D and 3D modelling capabilities. Quickly create detailed models to visualise and clearly communicate your insights to other teams and stakeholders.

Integrate surface and subsurface maps

Create integrated maps using geology, geophysics, geochemistry, GIS data, and satellite imagery to better understand the subsurface. Create grids, add contours, geophysics, and remote sensing data to enhance your interpretations and guide decision-making.

Apply fast gridding techniques

Interpolate data to produce grids using minimum curvature, bi-directional, multi-trend, direct, tinning, or kriging gridding routines. Quickly produce 3D grids (voxels), using direct gridding, IDW, or kriging algorithms optimised for large-volume geoscience data.

Merge geophysical grids

Rapidly and accurately merge geophysical grids regardless of cell size, projection, or grid type with two advanced methods. A blending method for smoothly merging grids and a suturing method for manually defining the join path.

Find and extract geospatial data

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 and WMS servers without leaving Oasis montaj.

Link common features or areas of interest

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 to make QA/QC, anomaly location, and target selection more efficient.

Share maps and data

Easily connect between Oasis montaj and GIS or specialised modelling applications with available plug-ins and data conversion options. Esri technology is built-in to ensure seamless creation.

Oasis montaj Extensions

More than 20 extensions are available to conduct industry, workflow, or method specific geophysical processing, analysis, and interpretation.

		Geophysical Method						Industry		
					Electrical					
Data-to-Discovery Journey	Extension	Gravity	Magnetics	Radiometric/Spectrometry	EM	IP/Res	Seismic	Mining	Environment and Civil	Energy
Acquisition, QC & Processing	Geophysics*	√	√		√	√	√	√	√	√
	Gravity and Terrain Correction Extension	√						√	√	√
	Isostatic Residual	√								√
	Airborne Quality Control	√	√	√	√			√	√	√
	Geophysics Levelling	√	√	√				√	√	√
	Compudrape	√	√					√	√	√
	GridKnit	√	√	√				√	√	√
	UXO Land and UX-Analyze*		√		√				√	
	UXO Marine*		√						√	
	UAV Geophysics		√					√	√	
	256-Channel Radiometrics Processing			√				√	√	
	Praga3 Radiometrics Extension			√				√	√	
	Induced Polarization					√		√	√	
	EM Utilities				√			√	√	√
Analysis	2D Filtering	√	√					√	√	√
	Grav/Mag Interpretation	√	√					√	√	√
	Depth-to-Basement	√	√							√
	CET Grid Analysis	√	√		√	√		√		√
	CET Porphyry Detection		√					√		
Interpretation	GM-SYS - 2D modelling	√	√				√			√
	GM-SYS - 3D modelling	√	√				√			√
	VOXI 3D cloud-based inversion	√	√		√	√		√	√	√

*Also used for analysis

SEEQUENT

A better understanding of the earth
creates a better world for all

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