SEEQUENT

Oasis montaj

Oasis montaj 2024.1

new release

Release Notes

The latest Oasis montaj release empowers users to work faster with less friction, delivering new features that streamline analysis. By continuing to address customer requests, this update reflects Seequent's commitment to improving user experience and providing solutions that meet the evolving needs of the geophysical community.
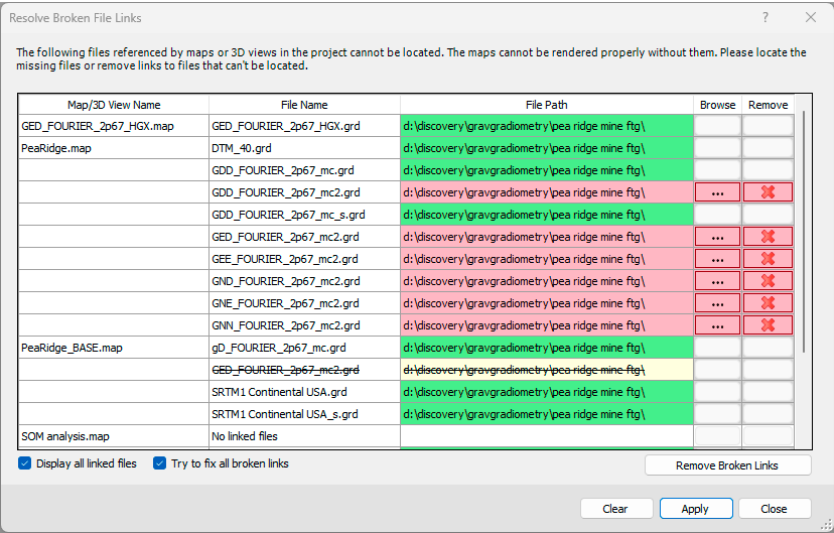
New user-centric features in Oasis montaj 2024.1 include efficient colour, file, and background job management. Improvements to interactive grid shading and accent character rendering improve usability while UX-Analyze delivers faster inversion processing and UltraTEM sensor support.

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New and improved features in Oasis montaj 2024.1

Colour management

In a single step apply a colour scheme to multiple grids or voxels. Apply an existing scheme or generate a new colour scheme using the combined statistics. Intuitively access the Colour Tool via the Project Explorer, Map Manager, or 3D View Manager.

Favourite colour schemes

Mark any colour scheme as a "favourite" and access it easily from the Colour Tool or the Project Explorer.

Background job management

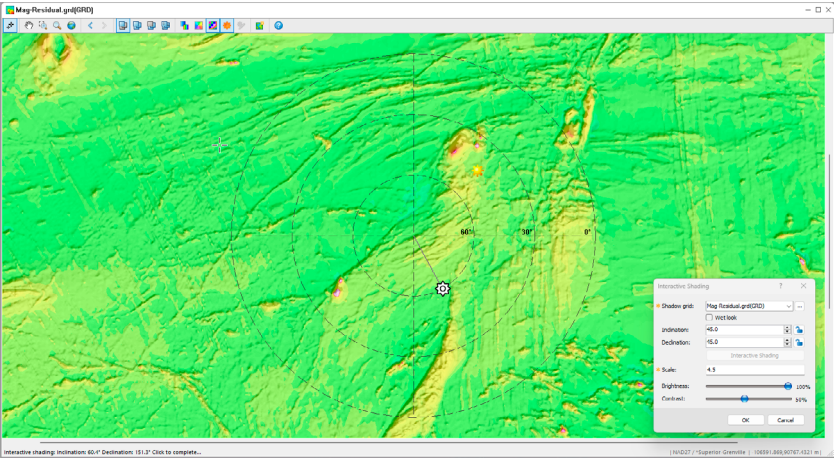Monitor and manage gridding jobs running in the background in the Jobs Tab.

Resolve broken links

Move an Oasis montaj project and its data to a different location and easily remap links to files in maps and 3D views.
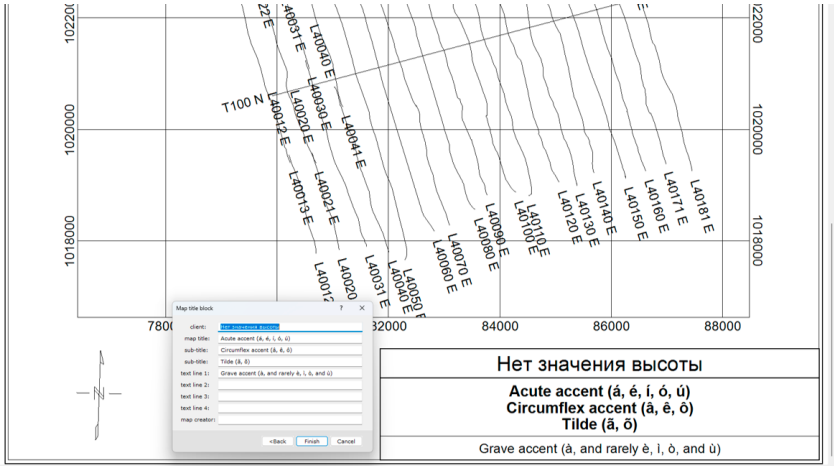

Interactive grid shading

An interactive interface for shading adjustments that offers real-time feedback and a visual guide to determine the ideal shading angle.
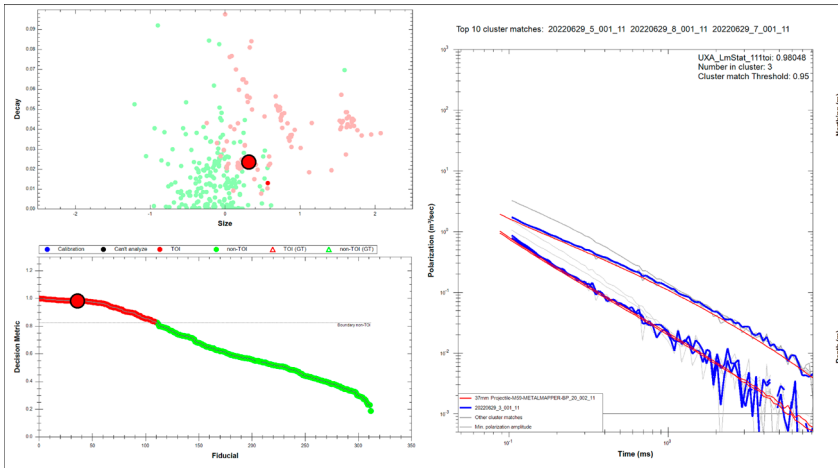

Accent characters in base maps

Extended (accent) characters now render correctly in the base map title block.

UX-Analyze Inversion

A faster inversion algorithm and clear progress indicators for the Classify and Rank tools.
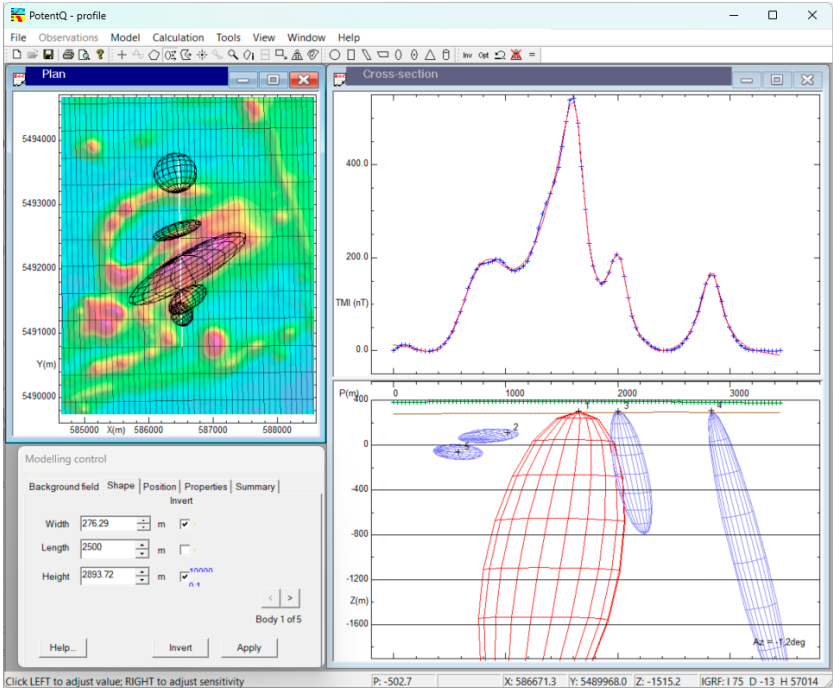

UltraTEM HDF version 1 support

Projects using an UltraTEM Classifier system can now directly import data in the HDF v1 format to Oasis montaj. This enhancement simplifies the data integration process, aligning with the DoD's 2023 mandate.

Sensor	HDF v1
Metal Mapper 2x2	Pending
TEMSense	Supported
MPV	Supported
APEX	Supported
UltraTEM	Supported

Improved PotentQ functionality

Removing the three-body limit PotentQ marks the initial step in transferring Potent functionality to Oasis montaj.

Bug Fixes

Oasis montaj 2024.1

The following issues have been addressed for Oasis montaj **2024.1**:

General

CN: N/A	The 'Colour Legend Bar' tool now allows you to apply changes interactively to the colour bar on the map.
CN: N/A	You can now select multiple grids and uniformly apply the same colour scheme and colour distribution to all.
CN: N/A	You can now select multiple voxels and create and apply a colour scheme based on aggregated statistics from all the selected voxels.
CN: 00089024	In the 'Interactive Shading' tool, the preview of the shaded grid rendering has now been improved.
CN: 00111198	Colour shading now works as expected on rotated grids.
CN: 00141119	The tool 'Sample a Grid' now includes an option for selecting the sampling/interpolation method.
CN: 00150285	In the colour bar legend, when using custom intervals and posting data values, the end values are now annotated in the same size as the other annotations.
CN: 00162295	The 'Colour Legend Bar' tool now offers enhanced options for displaying end values in the colour bar legend; this includes the addition of a label prefix to represent 'less than or equal to' and 'greater than or equal to' values.
CN: 00177346	The tool 'Grid Section(s)' now provides optimized performance when gridding a large number of database lines.
CN: 00187275	When gridding multiple channels in the background (i.e., the option 'Run in background' is enabled in the 'Grid Multiple Channels' dialog), the advanced gridding options are now honoured.
CN: 0019044	The error "You cannot paste array channel data to a single column data channel" no longer occurs when values from single or multiple cells are copied from Excel or a text editor into a Geosoft database.

Geosoft Extensions

Geophysics

CN: 00191660	The IGRF computation and coefficients have been updated for the most recent model year.

Geophysics Levelling

CN: 00142233	When performing microlevelling, the error "NLFilt_DU: Invalid Filter Width" no longer occurs if the database lines have "dummy" X & Y coordinate values. Moreover, lines with invalid locations are now documented in the log file.
CN: 00191660	The IGRF computation and coefficients have been updated for the most recent model year.

Gravity and Terrain Correction

CN: 00191820	When importing Scintrex (CG-3, CG-5 or CG-6) data using a base station database with multiple readings, the matching base station is now correctly identified and imported with the expected designation; the error "No base station readings have been detected" is no longer produced.
CN: 00129700	When importing CG-5 or CG-6 gravity data ('Import Gravity Survey' dialog), if the Ice and Water channels are not specified in the import survey file, they will be automatically filled with zero values.

Induced Polarization & Resistivity

CN: 00181646	Dynamic data linking (database to map linking) now works correctly for pseudo-section maps; the cursor is accurately represented on the map, and the QC tools depict the correct cursor location along the IP lines.

UAV Merge Sorties

CN: 00188001	When running UAV base station corrections, readings measured more than 10 seconds apart are now correctly interpolated.
CN: 00191660	The IGRF computation and coefficients have been updated for the most recent model year.

UXO Marine

CN: 00182999	Abort no longer occurs on modeling/inverting targets using a survey database with more than 128 channels. Related to: <sBinSite_DU>.

VOXI

CN: 00109361	The IGRF magnetic field strength can no longer be set to zero when defining a susceptibility or MVI model.
CN: 00153986	In the 'Add/Modify Data' dialog, changing the 'Field data' selection no longer results in an error, and the 'Minimum error' parameter is recalculated automatically.
CN: 00176689	The error "Boundary is invalid in the required projection" is no longer triggered when creating a DCIP or EM VOXI model with an oriented mesh.
CN: 00184524	In VOXI DCIP, the error "Unable to calculate statistics on data…" is no longer produced when changing the electrode location option from "Below surface" to "At surface".

Target 2024.1

The following issues have been addressed for Target **2024.1**:

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CN: 00177346	The tool 'Grid Section(s)' now provides optimized performance when gridding a large number of database lines.
CN: 00187275	When gridding multiple channels in the background (i.e., the option 'Run in background' is enabled in the 'Grid Multiple Channels' dialog), the advanced gridding options are now honoured.
CN: 00196044	The error "You cannot paste array channel data to a single column data channel" no longer occurs when values from single or multiple cells are copied from Excel or a text editor into a Geosoft database.

Geosoft Viewer 2024.1

The following issues have been addressed for Geosoft Viewer **2024.1**:

General

CN: N/A	You can now select multiple grids and uniformly apply the same colour scheme and colour distribution to all.
CN: N/A	You can now select multiple voxels and create and apply a colour scheme based on aggregated statistics from all the selected voxels.
CN: 00196044	The error "You cannot paste array channel data to a single column data channel" no longer occurs when values from single or multiple cells are copied from Excel or a text editor into a Geosoft database.

DAP Server 2024.1

The following issues have been addressed for DAP Server **2024.1**:

DAP Admin / DAP Server Enterprise

CN: N/A	In DAP Admin Portal, multiple acQuire connectors can be updated successfully at the same time; the message "Error in worker thread while process entry=" is no longer recorded in the log file.