

Oasis montaj 2025.2 Release Notes

Oasis montaj 2025.2 delivers a major update to radiometric data processing with the introduction of a new Radiometric Extension. This release also brings substantial enhancements to gravity data workflows; alongside various updates aimed at improving usability and integration across the platform.

This release addresses the evolving needs of geoscientists working in mineral exploration, mapping, and data integration, with a focus on supporting modern survey methods, industry standards, and efficient workflows.

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New and Improved Features

Radiometric Extension: modernising radiometric data processing

Radiometric data is increasingly important for mapping surficial geology, driven by the search for critical minerals and initiatives such as the USGS Earth MRI programme. However, many users have found that existing tools no longer meet the requirements of today's surveys. These tools were limited in their support for modern sensors, and workflows were often unclear or difficult to follow, especially for those who process radiometric data infrequently.

The new Radiometric Extension addresses these challenges directly. Developed in partnership with [Medusa Radiometrics](#), the extension supports data from the latest sensors, including those with 512, 1024, 4096, or more spectral windows. This ensures compatibility with current and future survey equipment, removing previous limitations.

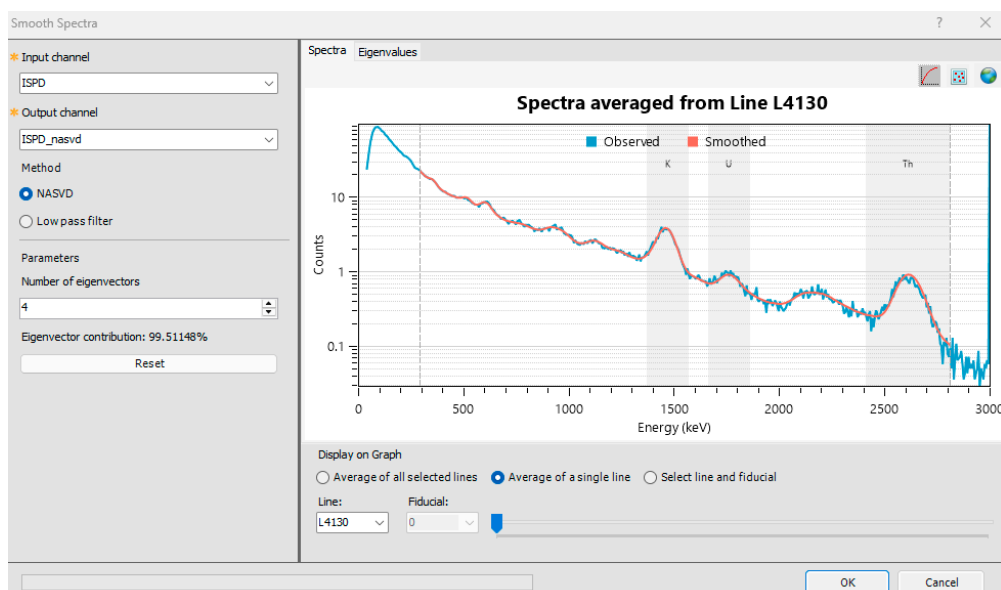


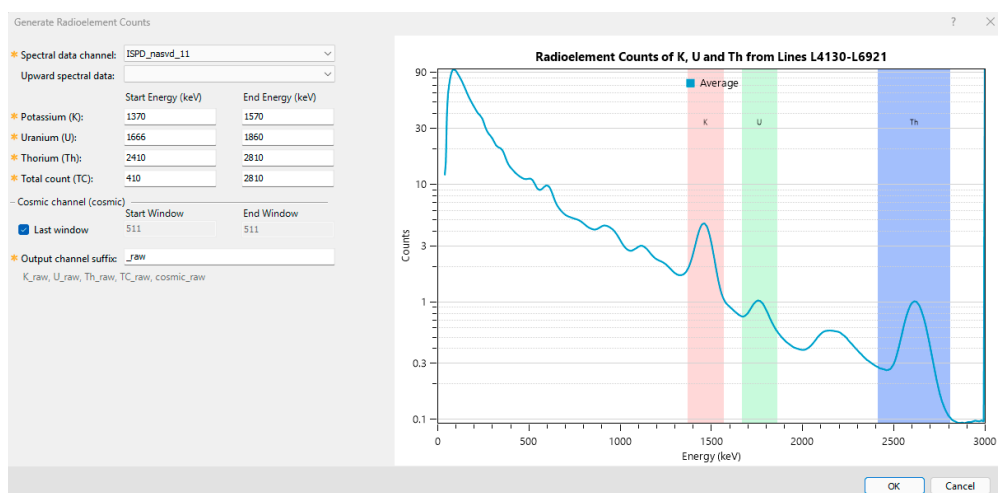
The workflow has been rebuilt to follow with International Atomic Energy Agency (IAEA) standards, providing a transparent, guided process from data import to final results. At each step, users can see which parameters are being applied, reducing uncertainty and the risk of errors. The workflow is also fully scriptable, making it straightforward to automate repetitive tasks and maintain consistency across projects.

A key feature is the inclusion of Noise Adjusted Singular Value Decomposition (NASVD) for spectral smoothing, developed in collaboration with [Medusa Radiometrics](#). NASVD is widely recognised as an industry standard, and its integration allows users to clean noisy data efficiently, with clear guidance on parameter selection. Low-pass filtering is also available as an alternative smoothing method.

The extension replaces both the 256 Channel Radiometric Processing extension and the Praga extension, consolidating radiometric processing into a single, modern toolset. Praga will be retired and is no longer available for sale or renewal. Maintained users of 256 Channel will automatically receive access to the new extension.

The Radiometric Extension provides a future-ready solution for radiometric data processing, supporting the latest hardware, industry standards, and user needs. It removes previous barriers and enables more confident, accurate interpretation of radiometric data.





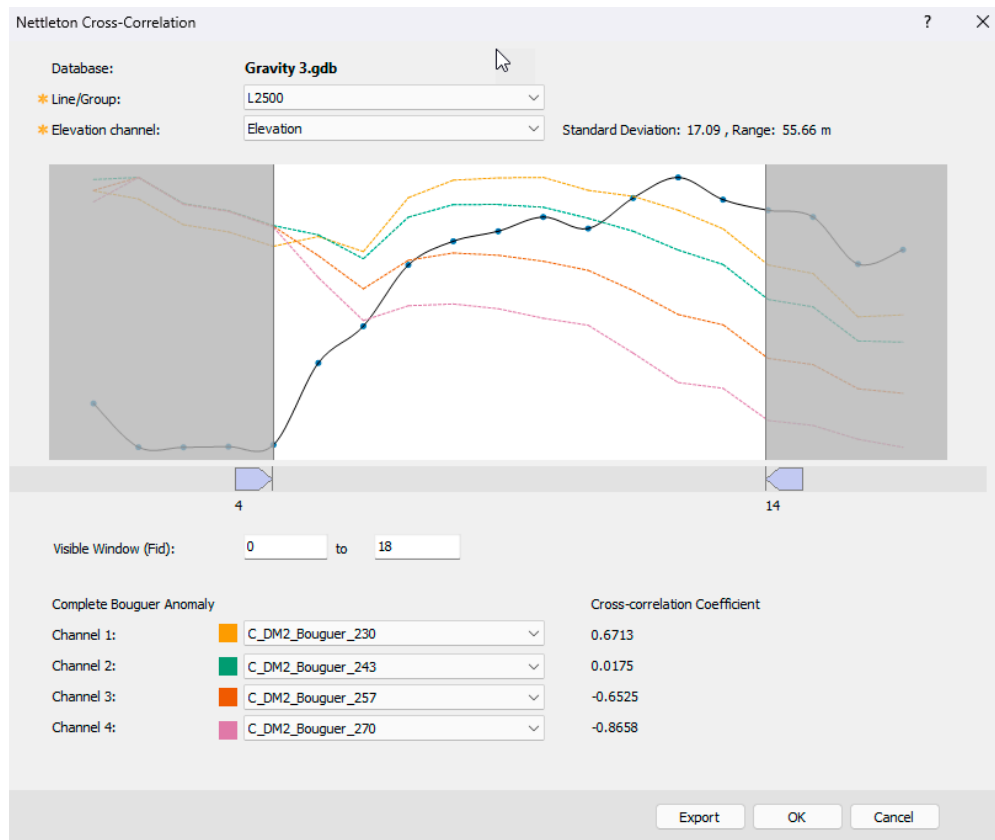
Gravity terrain corrections for high resolution DEMs

Processing gravity data with high-resolution digital elevation models (DEMs) is increasingly common, but traditional desktop systems often struggle with the computational demands. With Oasis montaj 2025.2, as part of a technical preview users can perform gravity terrain corrections using Seequent Evo compute services. This approach delivers about 100x faster computations initially, with further improvements expected as the service is optimised. By offloading these calculations, users can process large datasets in the background, freeing up their desktop for other work and reducing the risk of crashes or delays. This update is especially valuable for those working with detailed terrain models and large survey areas.



Improved gravity data processing

The Nettleton Cross-Correlation tool has also been added, enabling users to compare multiple Bouguer anomaly densities and select the most appropriate value for their survey. This supports best practice in gravity data processing and helps users achieve more accurate results.



Usability and integration enhancements

Menus grouped by product

Menus are now grouped by product, making it easier to locate tools and understand what features are included in each package or extension. This update helps users and sales teams quickly see which tools are available in their configuration.

Row highlighting in databases

Highlighting the current row in databases allows users to compare data across channels at a glance, reducing mistakes when working with multi-channel datasets.

Retrieve layer parameters from context menus

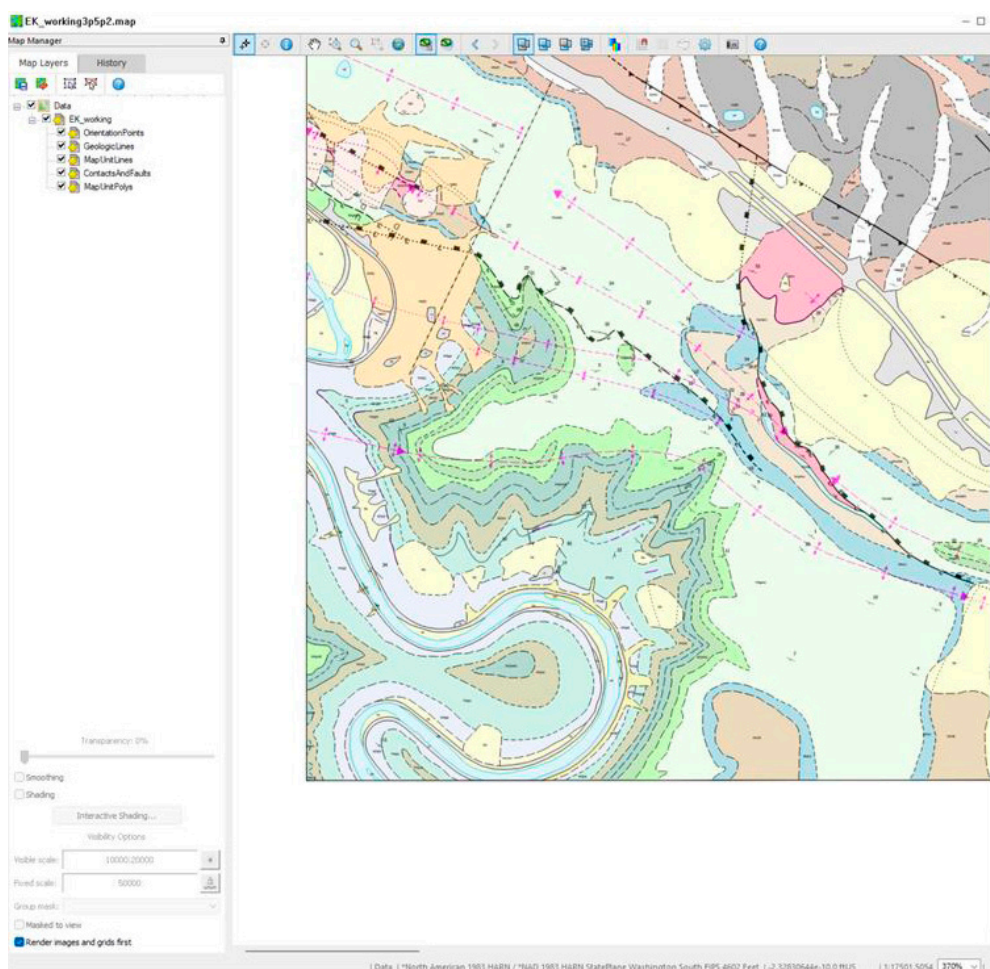
Parameters used to create map layers can now be accessed directly from context menus in both the map and Map Manager windows. This saves time when updating or troubleshooting complex maps, making it easier to review and adjust layer settings.

Smoother Seequent Evo instance selection

Integration with Seequent Evo has been improved, with smoother instance selection and more consistent behaviour across products. This update makes it easier to connect to the right Evo instance and manage data processing tasks, reducing confusion and setup time.

ArcGIS Pro 3.3+ LYRX file import

Support for importing ArcGIS Pro 3.3+ LYRX files ensures compatibility with the latest GIS workflows, reducing the need for workarounds and manual file conversions.



Identity and licensing updates

As part of the ongoing transition to Bentley Account and Entitlement services, users now have more flexibility when choosing or switching identity providers during installation and use. Updates to the Seequent Connector ensure that all products remain accessible, regardless of the chosen identity provider.

Bug fixes

Oasis montaj 2025.2

The following issues have been addressed for Oasis montaj **2025.2**:

General

CN: 00161694	When exporting a map to a raster format with “Auto Recolour Grid” enabled and high DPI, the output now correctly applies the recolour flag and preserves the viewed region’s colour stretch, ensuring the exported image matches the on-screen map without inconsistent tile colours.
CN: 00229537	Database channels no longer shift to the far left or right when selecting headers or cells after scrolling.
CN: 00253445	Images georeferenced using 3 Model Tie points are now correctly positioned and oriented in 2D maps and 3D views, with coordinates matching those printed on the image and tie points accurately plotted.
CN: 00257829	Updating to Oasis montaj 2025.2 resolves the update issue in 2025.1: “Unable to determine your license provider. Please try again or contact support.” The update now installs and runs as expected.
CN: 00267227	The issue that caused RAM memory leaks during import, export, and scanning of very large files (e.g., ASEG-GDF2) has been resolved. Memory allocated for these processes is now properly released after execution.
CN: 00263306	When exporting to ASEG-GDF2 format, channel names are preserved except for the X and Y coordinate channels, which are renamed based on the projection: LONGITUDE/LATITUDE for Geographic or EASTING/NORTHING for PCS. If channels with these names already exist, an underscore is prefixed.
CN: 00269995	When importing ASEG-GDF2 format data, the Date channel is now correctly formatted, ensuring accurate calculations in tools like IGRF.

IGRF

CN: 00257657	The ‘IGRF Channel’ tool now correctly calculates output values when a constant is specified for the ‘Elevation channel’ parameter.
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UXA

CN: 00247669	In UX-Analyze, importing large HDF datasets no longer causes the importer to freeze. A progress indicator now shows total files and current file. If interrupted, partially imported data remains in the database, and details are logged in <i>Import_HDF_messages.log</i> .
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UXO MARINE

CN: 00209711	In UXO Marine, the ‘Gradient Sensor Offset Correction’ tool now correctly handles heading interpolation wrap-around between 0° and 360°, preventing circular line paths.
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Target 2025.2

The following issues have been addressed for Target **2025.2**:

CN: 00161694	When exporting a map to a raster format with “Auto Recolour Grid” enabled and high DPI, the output now correctly applies the recolour flag and preserves the viewed region’s colour stretch, ensuring the exported image matches the on-screen map without inconsistent tile colours.
CN: 00229537	Database channels no longer shift to the far left or right when selecting headers or cells after scrolling.
CN: 00253445	Images georeferenced using 3 Model Tie points are now correctly positioned and oriented in 2D maps and 3D views, with coordinates matching those printed on the image and tie points accurately plotted.
CN: 00257829	Updating to Target 2025.2 resolves the update issue in 2025.1: “Unable to determine your license provider. Please try again or contact support.” The update now installs and runs as expected.
CN: 00267227	The issue that caused RAM memory leaks during import, export, and scanning of very large files (e.g., ASEG-GDF2) has been resolved. Memory allocated for these processes is now properly released after execution.
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CN: 00269995	When importing ASEG-GDF2 format data, the Date channel is now correctly formatted, ensuring accurate calculations in tools like IGRF.

Geosoft Viewer 2025.2

The following issues have been addressed for Geosoft Viewer **2025.2**:

CN: 00161694	When exporting a map to a raster format with “Auto Recolour Grid” enabled and high DPI, the output now correctly applies the recolour flag and preserves the viewed region’s colour stretch, ensuring the exported image matches the on-screen map without inconsistent tile colours.
CN: 00229537	Database channels no longer shift to the far left or right when selecting headers or cells after scrolling.
CN: 00253445	Images georeferenced using 3 Model Tie points are now correctly positioned and oriented in 2D maps and 3D views, with coordinates matching those printed on the image and tie points accurately plotted.
CN: 00257829	Updating to Geosoft Viewer 2025.2 resolves the update issue in 2025.1: “Unable to determine your license provider. Please try again or contact support.” The update now installs and runs as expected.
CN: 00267227	The issue that caused RAM memory leaks during import, export, and scanning of very large files (e.g., ASEG-GDF2) has been resolved. Memory allocated for these processes is now properly released after execution.

CN: 00263306	When exporting to ASEG-GDF2 format, channel names are preserved except for the X and Y coordinate channels, which are renamed based on the projection: LONGITUDE/LATITUDE for Geographic or EASTING/NORTHING for PCS. If channels with these names already exist, an underscore is prefixed.
CN: 00269995	When importing ASEG-GDF2 format data, the Date channel is now correctly formatted, ensuring accurate calculations in tools like IGRF.

DAP Server 2025.2

The following issues have been addressed for DAP Server **2025.2**:

DAP Admin / DAP Server Enterprise

DAP applications now support Azure Active Directory Integrated Authentication:

SAML authentication with Azure Active Directory (Azure AD/MS Entra ID) support added.