UXO Land
per Oasis montaj

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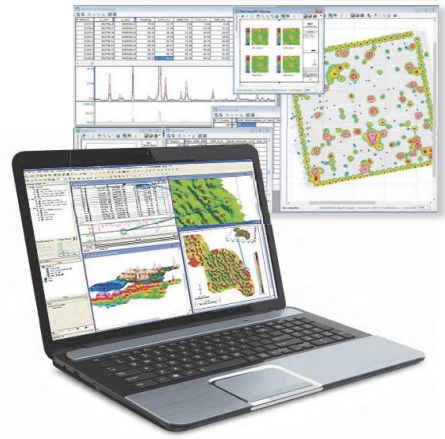
SEEQUENT
ADALTA
RIVENDITORE UFFICIALE PER L'ITALIA

La completa soluzione software per la Bonifica di Ordigni Inesplosi (UXO).



UXO Land è una estensione del software Oasis montaj e fornisce una suite di strumenti completi per localizzare e analizzare i target UXO basati su dati magnetici (total field and gradiometer) ed elettro-magnetici (EM61).
Un unico flusso di lavoro ti guiderà dalla pianificazione dell'indagine all'identificazione del target.

- Processa e visualizza facilmente grandi volumi di dati
- Performa velocemente il controllo e la garanzia di qualità
- Localizza e analizza efficacemente i target UXO
- Ottimizza la pianificazione e la reportistica dell'indagine

Caratteristiche Principali

Data QA and QC
Use a comprehensive set of quality assurance (QA) and quality control (QC) tools to identify and correct instrument and acquisition errors. Address repetitive data quality issues to prevent resurveying and improve productivity in UXO investigations. Automatically document results of standard QA/QC tests. Meet government data quality standards with tools to standardize the QA/QC process when collecting, processing and analyzing data for US Army Corps of Engineers (USACE) projects.

Data Processing
Process your data, and apply numerous filters and enhancements with ease Pre-process large volume total field and ertical gradient magnetic survey data as well as EM61 survey data. Apply lag, heading, sensor offset and base station corrections to remove unwanted signal from data. To improve signal to noise, use spatial, non-linear, and vertical derivative filters to enhance our data. Create an analytic signal grid from magnetic data to position positive peaks over the center or edges of potential UXO targets.

Target Selection
Pick targets from both magnetic and EM data. Automatically pick targets from profile data or grids. Pick peaks from analytic signal or dipoles from tota fieldmagnetic data. Interactively select additional targets from profiles and gridsRefine our final target list with inteactive target editing and grouping tools.

Target Analysis
Visualize UXO targets and conduct further analysis. Inversion and depth/size calculations help to characterize UXO targets and provide more accurate locations. Calculate the depth to source from a ratio of responses from the top and bottom EM coils. Measure the anomaly size by calculating the distance from the peak of an anomaly to its first inflection point. Apply Euler denvolution tool to calculate the apparent depths of selected magnetic targets.

Planning and Reporting
Access a variety of tools to make your survey planning and progress reporting more effective. Map making tools enable the creation of UXO target maps for visualization and display of the target locations and reporting. Create an audit log to track all data processing as a historical archive record.

Expand your UXO Solution with UX-Analyze
A powerful solution for advanced classification, modelling and analysis of UO targets using advanced electromagnetic sensors.
UX-Analyze extends the functionality of UXO Land to provide a complete solution for UXO surveys.

Features for geophysical target analysis and classification:
Set the project parameters; Import the target data; Define and refine anomaly footprints; Perform data corrections; Batch fitting a list of targets; Inspect and refine existing targets; Add new targets; Classify targets; Manage target lists; Produce maps and a progress report.