

Osiris Projects Rates Coda Seismic+

The first element in the Coda Survey Engine range, Seismic+, provides Osiris Projects, UK, with a solution for effective and efficient seismic data processing, interpretation and reporting.

The size of ultra-high resolution datasets ordinarily presents a significant challenge to geophysicists, the impact of which is drastically minimised with Seismic+. The Coda Survey Engine has been developed using the latest in database technology allowing fast access to all survey information, providing the end user with a distinct advantage in terms of efficiency. This allows more considered interpretations and, ultimately, improves the standard of reporting. Senior Geophysicist with Osiris Projects Robert White comments that Seismic+ has greatly improved the way in which the company manages and interprets large seismic datasets. Being able to select and view lines instantly in their entirety whilst including interpretation from intersecting lines means a better more informed interpretation can be made within a shorter timescale.

As a multi-disciplinary firm, consistency and compatibility of data is another key concern for Osiris Projects. Supporting the widest range of file formats, Seismic+ offers a coherent, intuitive platform for accurate comparison of data. The GIS overview function displays the track of every line in the database, overlaid onto charts or other relevant survey imagery such as side-scan mosaics, multibeam bathymetry or magnetometer contours. This level of functionality and flexibility is ideal for complex projects incorporating various acoustic methods, such as Round 3 offshore wind projects. Osiris Projects undertook a complete Round 3 wind farm survey in 2010, using Seismic+ for all geophysical data processing, interpretation and reporting with excellent results.

Seismic+ enables raw data to be effectively combined and transformed into comprehensive, precise site visualisations. As these visualisations are used to inform decision-making and progress to the next stage of the project, using high quality data is financially viable; reducing uncertainty, lowering risk and therefore potentially the cost of capital, allowing greater access to project financing.