

Operations Optimization / Survey Design and Planning

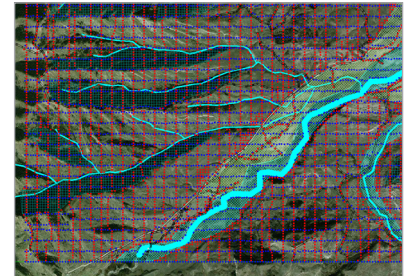
MORE EFFICIENT WORKFLOWS FOR SURVEY DESIGN AND VALIDATION - ION AND NORSAR COLLABORATION

At a time when technical innovation is not enough, our innovative partnership can help customers streamline powerful workflows for survey design optimization across two industry leading platforms. The collaboration between ION and NORSAR allows our users to share data across our products, MESA Expert and NORSAR 3D, to design optimal survey acquisitions in the most challenging environments, both surface and subsurface.

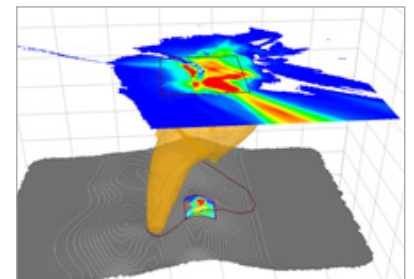
The MESA Expert and NORSAR 3D Connector provides clients with a unique, complementary and seamless capability to validate coverage of survey designs through exclusive illumination workflows based on seismic modeling. This new streamlined seismic acquisition and modeling routine, increases efficiency when designing surveys while decreasing chances of errors due to data transfers.

KEY BENEFITS

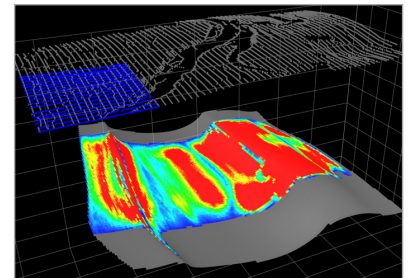
- Access to a complete acquisition design and modeling platform
- Time saving through efficient connection of two industry leading, complementary software packages
- Increased confidence in ensuring that the survey design is adequately sized for a given prospect
- Enhanced decision making due to the iterative nature of the new interface



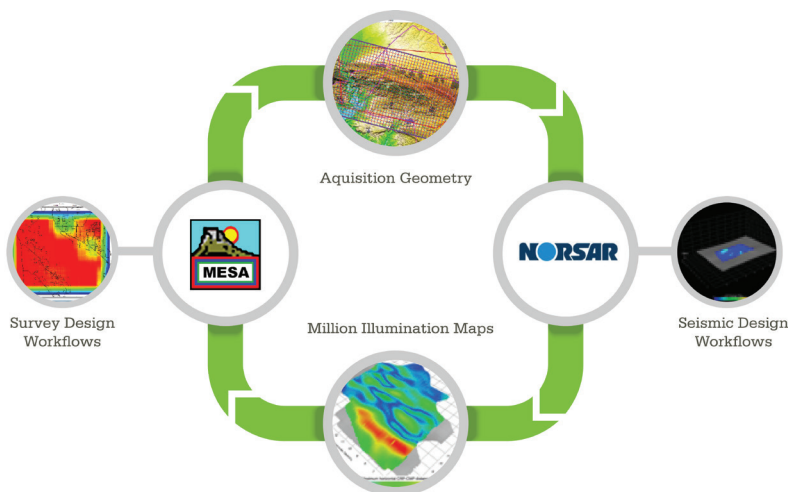
Use MESA Expert's unmatched tools for layout and editing to create and transfer land, OBS and marine geometries to NORSAR 3D



Unique raytracing tools within NORSAR 3D provide insight into determining the proper size and orientation of the survey design



New workflow combines MESA's survey design features with NORSAR's raytracing capabilities to validate illumination requirements



About NORSAR

NORSAR is an internationally recognized, independent, not-for-profit, research foundation within the field of geoscience. Our core competencies are seismology and applied geophysics, and related software development. For more information visit norsar.no or contact info@norsar.no

About ION

ION has been a technology leader for 50 years with a strong history of innovation. Leveraging innovative technologies, ION creates value through data capture, analysis and optimization to enhance companies' critical decision-making abilities and returns. Our offerings are focused on improving E&P decision-making, enhancing reservoir management and optimizing offshore operations. For more information visit iongeo.com or contact MESAsupport@iongeo.com