

# Teledyne Optech Introduces Surveying Solutions at Intergeo



[Teledyne Optech](#) is launching survey instruments and workflow solutions for the productive and accurate collection of 3D spatial data at [Intergeo 2016](#) in Hamburg, Germany. These include new solutions for survey-grade static and mobile mapping, as well as new efficiency feature sets for Teledyne Optech's airborne mapping solutions.

Visitors to booth A4.002 in hall A4 will see the unveiling of several new and improved static and mobile mapping systems. These additions to Teledyne Optech's product line include a brand-new static surveying system that combines the latest Lidar technology with highly automated software to make survey-grade mapping widely available to new users; a new option for vehicle-based mobile surveying. Additionally, Teledyne Optech promises an exciting

new solution that lets surveyors map locations that cannot be reached by traditional mobile systems.

## Airborne systems at the booth

Several Teledyne Optech airborne systems will also be at the booth, including the Optech Eclipse, which has lowered the barrier to entry into airborne Lidar surveying with low-cost automated operation and an excellent price-to-performance ratio. Visitors can also play in an augmented reality sandbox to see first-hand how the [Optech Galaxy's](#) SwathTRAK technology improves survey efficiency and consistency in variable terrain. Forestry and coastal data from the [Optech Titan](#) will also be available, with Teledyne Optech experts ready to explain how its revolutionary multispectral Lidar technology enables topo/bathy surveys, land classification, and biomass estimation.

Groups interested in surveying deeper in turbid waters than any other airborne Lidar can also drop by the booth to hear more about the new [Optech CZMIL Nova](#), including its latest project, mapping the Great Pacific Garbage Patch with The Ocean Cleanup project. Even smaller organisations with limited budgets can now make use of CZMIL Nova thanks to redesigned hardware usable in aircraft as small as a Piper Navajo, plus rental opportunities through the CZMIL Project Program.

Finally, Teledyne Optech will also demonstrate the new [Optech LMS 4.0](#) processing software. This major revision uses polynomial corrections to refine accuracy in airborne surveys, performs land-water classification for the Titan, creates trajectories directly within the workflow, and delivers many ease-of-use improvements like an image mask tool, enhanced summary reports, and more.