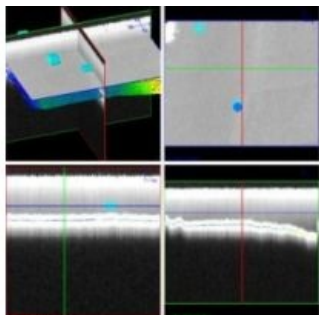


Optech Showcases Airborne Terrain and Bathymetry Sensors



Optech, specialised in the development, manufacture and support of high-accuracy Lidar 3D survey systems and productivity-enhancing workflow software, is exhibiting at the USA's largest intelligence event, the GEOINT 2013 Symposium, from 14 to 17 April.

Anyone interested in the latest in airborne seamless topography and bathymetry technology to address ISR needs is welcome to drop by Optech booth 7051 to see the compact and UAV-compatible [Orion](#) airborne Lidar system, which enables high-altitude, wide-area GEOINT base mapping with excellent accuracy characteristics, maximising coverage efficiency without sacrificing detail and data accuracy. Also on display will be the Optech line of aerial camera systems, including the multispectral [CS-MS1920](#), medium-format [CS-10000](#), and [CS-6500](#), all of which are compatible with the Orion through their

common control software and numerous co-mounting options.

For missions requiring seamless topo/bathy with airborne efficiency even in turbid water conditions, enabling submerged object detection, water column analysis, and bottom characterisation, get a glimpse of what is possible by also attending the lightning talk that Defense & Security US sales manager Barry Cross will give on 14 April between 11:00 am – 12:30 pm at the Tampa Marriot Waterside Hotel, Ballroom E/F. In his presentation, he will demonstrate how the [Optech CZMIL HydroFusion](#) workflow software uses full-waveform data analysis and voxelisation to give CZMIL its industry-leading depth penetration and underwater object detection capabilities. Optech CZMIL is a system validated and in regular use by multiple government agencies, able to perform in turbid waters and capable of mapping up to 80m in clear waters.

<https://www.hydro-international.com/content/news/optech-showcases-airborne-terrain-and-bathymetry-sensors-2>
