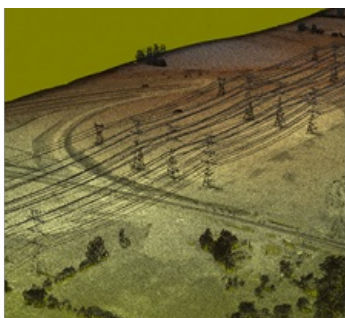


Teledyne Optech to Showcase New GIS Collection Tools at Esri UC



Teledyne Optech will present the latest Lidar and imaging solutions at the Esri 2016 User Conference in San Diego, California, USA. GIS professionals from around the world are invited to see the full spectrum of remote sensing technologies on 28-30 June. The most eye-catching solution will be the new [Optech Eclipse](#), an airborne collection system which does not need an in-air operator.

The new [Optech Eclipse](#) is designed to radically reduce surveying costs by eliminating the need for an in-air operator. Instead, the pilot can turn on the Eclipse's eye-safe Lidar and digital metric camera with a single button.

Visitors can also learn how to bridge the gap between water and land with the multispectral [Optech Titan](#) airborne Lidar, which provides depth information at $>15 \text{ pts/m}^2$ for high-resolution mapping of complex water bodies, and captures 3D multispectral data day or night for improved target classification. Those interested in dedicated land surveying can hear about the [Optech Galaxy](#), which improves efficiency by up to 40% in rugged terrain by using its SwathTRAK technology to maintain a constant swath width on the ground.

Teledyne Optech has announced several new and upcoming product advances in ground-based Lidar systems. The [Optech Lynx](#) now comes in three models, from the economical mapping-grade Lynx MG to the mid-range Lynx SG-S, and the high-powered Lynx SG. Teledyne Optech has recently upgraded the SG-S and SG with industry-leading scanner technology that creates 300 to 600 lines/sec respectively, resulting in evenly spaced point cloud data – also when surveying at highway speeds.

All of these products are joined together by the [Optech LMS](#), a highly automated workflow that co-processes Lidar and camera data to maximise their accuracy, converts data to the desired reference frame using the Blue Marble GeoCalc SDK, and outputs data for direct ingestion by popular third-party software tools.

Find out more at www.teledyneoptech.com