

Optech announces all-new Lidar Rectification Software for ALTM Owners

Toronto, Canada, April 15, 2010 – Optech Incorporated, the world's leading manufacturer of advanced lidar survey instruments, announced today that it will be releasing the OLMS V1.0 (Optech Lidar Mapping Suite V1.0), a new software package for its ALTM Airborne Laser Terrain Mapper clients.

OLMS V1.0 offers a paradigm shift via its all-new lidar optical rectification capability. It enables users to maximize lidar accuracies over large project areas in a production environment. Incorporating batch-mode processing capability, OLMS V1.0 automates production processing of multi-mission data collections, and includes multi-threaded and distributed processing capabilities to increase processing efficiency even further.

“Optimizing lidar data accuracies by minimizing flight-line to flight-line variations is a standard workflow process,” says Michael Sitar, Optech's Airborne Products Manager. “As manufacturers, we have the unique ability to incorporate our proprietary lidar sensor optical models, thus enabling lidar datasets of the highest possible quality. We are extremely excited to offer such a capability to our clients. The quality of the data end-product, even in complex terrain, is truly impressive.”

OLMS V1.0 also includes pre- and post-rectification results, as well as relative and absolute accuracy comparisons. Its project deliverables are in the form of reports, plots and graphic comparisons. Coupled with robust underlying algorithms that have been field-proven OLMS V1.0 eliminates the need for independent calibration flight regimes when performing wide-area data collects.

Release of the Optech Lidar Mapping Suite V1.0 is scheduled for May, 2010.

About Optech Incorporated

Optech is the world leader in the development, manufacture and support of advanced laser-based survey instruments. We offer client-driven lidar solutions in airborne terrestrial mapping, airborne laser bathymetry, mobile mapping, laser imaging, mine cavity monitoring and industrial process control, as well as space-qualified sensors for orbital operations and planetary exploration

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