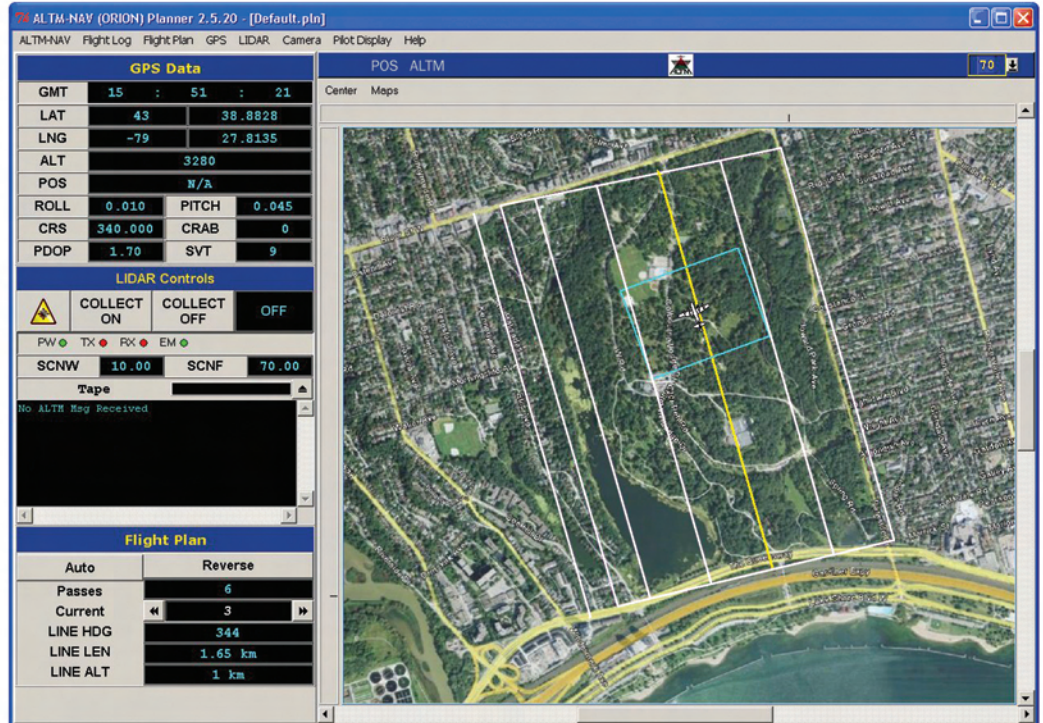




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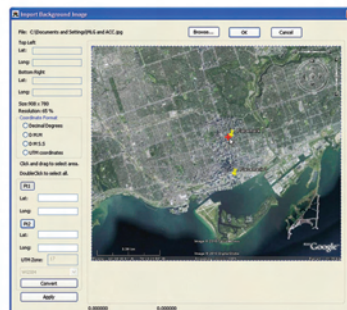
Information Sheet



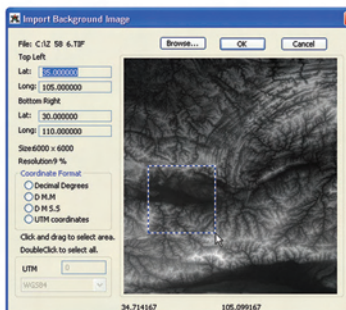
Workflow Solutions for Optech ALTM


ALTM-NAV™ Flight Management Software controls mission planning and data collection in a single package, putting all survey information at your fingertips. Complete pre-mission and in-air flight planning, multiple sensor system control and monitoring, and navigation—all in a reliable and proven package.

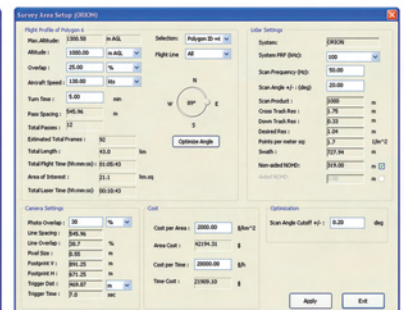
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 Importing an Image

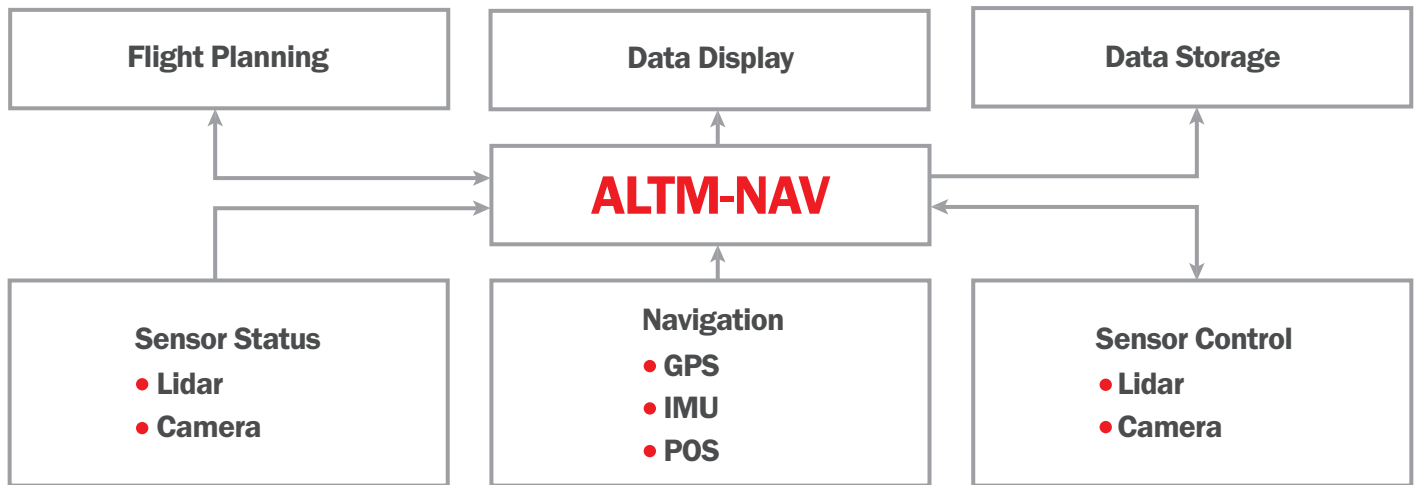


 Overlapping Photo Frames



 Flight Planning Interface



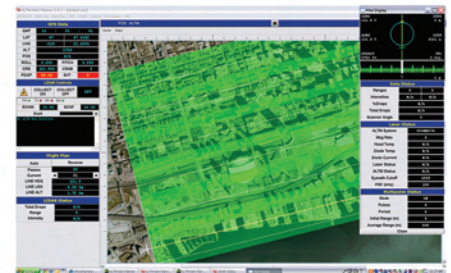


Features

- Integrates lidar and camera surveys
- Plans survey polygons, corridors and single-line surveys
- Includes a DEM planning module with data coverage/gap check for quality optimization
- Creates flight lines simply by outlining the survey area directly on a map
- Defines survey area and flight lines in many ways: Entering coordinates directly; importing a DEM; loading coordinates from a text file, DXF, KML or SHP file; digitizing polygons or lines on the navigation map
- Supports multiple input file formats, including Google Earth™ (KML), GeoTIFFs, DXF map collections, survey polygons, and text files
- GPS, GLONASS and L-band ready
- Exports flight plans and area coverage to Google Earth™



ALTM-NAV pilot display and laptop



Coverage swath



Flight planning windows

Advantages

- Reduces flight time and flight costs by displaying real-time swath coverage verification
- Optimizes surveys over rugged terrain by overlaying projected swath coverage over imported background DEMs or GeoTIFFs
- Assures data quality in real time by providing detailed system status windows and alert logs during data collection
- Optimizes data quality by providing in-air flight planning— to dynamically adjust the flight plan for real-world conditions

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