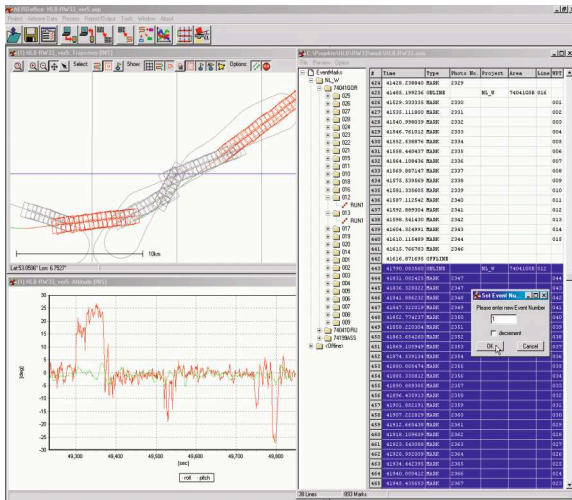


AEROoffice™

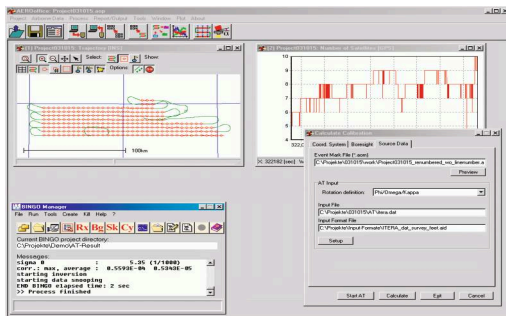
GPS / IMU Processing Direct Georeferencing (DG) Integrated Sensor Orientation (ISO)



AEROoffice is IGI's data handling and post-processing software for the AEROcontrol system. It provides all functions and tools necessary for processing, Exterior Orientation (EO) calculation, quality control and export of the collected GPS and IMU data.

AEROoffice contains powerful tools to

- do a quick integrity check and provide a backup of the collected data directly after the flight mission.
- process GPS and IMU data.
- calculate the coordinate transformations to the local mapping systems.
- analyse the quality of the different data sources (GPS, IMU and aerial triangulation) and of the final results.
- correct the changing lever arm that occurs with the use of stabilized sensor mounts.
- export the results in different standard formats and to defined customized formats.



Features:

- Forward / backward Kalman filter algorithm to achieve optimal results even under challenging conditions
- Complete integration of BINGO aerial triangulation package for Integrated Sensor Orientation (ISO) and boresight calibration for Direct Georeferencing (DG) without additional aerial triangulation software
- Simplified user interface to obtain optimal results for all users without extensive training and experience