

IGI Updates Air Survey Software



IGI mbH (Germany) has updated its software solution for the management and analysis of precision measurements for the aerial survey industry. AEROoffice v5.1 calculates the exact real world position and orientation of the survey camera at the instant the aerial photograph is taken in order to produce highly accurate photographic maps.

Part of a suite of software and hardware solutions from IGI AEROoffice offers increased data processing speeds, improved management reporting tools including Google Earth export and enhanced co-ordinate system management functionality.

Early market testing has proved AEROoffice version 5.1 offers significant improvements to the original release that was launched last year. Dr. Jens Kremer, Manager of Research and Development at IGI commented, “This latest release includes a range of data processing enhancements that make v5.1 faster, more accurate and easier to use. The Google Earth export facility enables survey operators to create a customer report within minutes after the flight, giving an instant visual impression of the survey mission.”

AEROoffice, from IGI, is designed to manage and analyse the large volumes of positional data collected during an aerial survey in order to create highly accurate photomaps. The software provides a range of functions for both storing and evaluating data from the aircrafts GPS and other onboard sensors including the Inertial Measurement Unit (IMU) that is used to detect acceleration and rate changes in the orientation of the aircraft. AEROoffice offers tools for the transformation of co-ordinates and attitude relative to any local mapping system and correction and misalignment functionality for increased accuracy.

Source: [IGI](#)