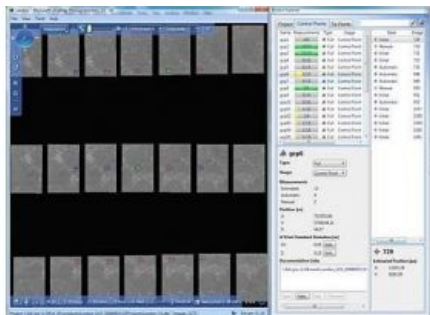


UltraMap 2.0 Photogrammetric Software



Vexcel Imaging GmbH will roll out release 2.0 of its UltraMap photogrammetric software to customers beginning 25th January 2010. UltraMap 2.0 continues the tradition of providing a flexible and scalable distributed system for managing and processing vast amounts of UltraCam data.

The features of UltraMap 2.0 are implemented in five modules:

- Framework
- Raw Data Center
- Radiometry

- Viewer
- Aerial Triangulation

UltraMap includes features for managing data download, distributed processing using load balancing and resource management, aerial triangulation, and interactive data visualization for quality control. Use of Microsoft's Dragonfly technology enables incredibly smooth and high-resolution image browsing and zooming for very large sets of data content. Dragonfly supports multi-channel 16-bit UltraCam imagery for high quality visualization within the complete photogrammetric workflow.

Aerial triangulation has been integrated smoothly into the workflow, and includes new radiometry with gamma and levels dialog. The other new features are concentrated in the Raw Data Center and the Radiometry modules. Of particular note, "Monolithic stitching" is a new feature of the Raw Data Center that improves geometric image accuracy by a magnitude for unstructured terrain. In the Radiometry module, UltraMap 2.0 introduces model-based radiometric correction that enables users to eliminate hotspots, atmospheric effects and haze.