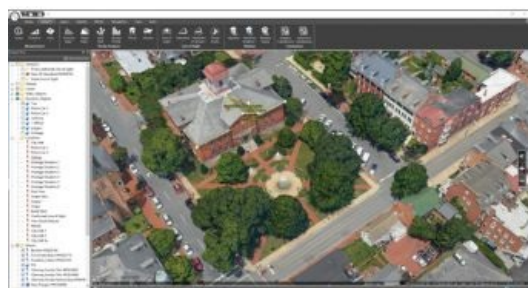


Skyline Software Systems Releases Update for PhotoMesh



Skyline Software Systems Inc has announced the second generation of the PhotoMesh software suite as part of its new SkylineGlobe products, incorporating breakthrough edge-extraction algorithms, noise removal, improved colour texturing, and optimized point cloud densification for the highest geometric quality.

Utilizing revolutionary parallel processing techniques and access to Cloud Web Services, Skyline can produce high-quality 3D PhotoMesh with unlimited scale, surpassing a processing capacity of 1 million Megapixels per day.

“The release introduces enhancements to the leading 3D production tool in the market, providing users with much greater capabilities,” stated Skyline’s President Robert Peters.

“Improvements in automation, performance, and user interface have supplemented the robust software’s capacity for unparalleled quality and high accuracy results.”

Skyline’s 3D Development Team has implemented these innovative features in PhotoMesh 7.1, targeting high quality standards such as sharper geometric characteristics and enhanced texture selection for cleaner visual 3D scenes. Additionally, the v7.1 greatly improves management of data without orientation information (external or internal), and addresses temporal discrepancy between image sources (multiple data collection times).

Other enhancements include additional export formats such as i3s and KMZ for 3D layers (all common industry standards) as well as Point Cloud with RGB values (in LAS), True-Orthophoto, Bare-Earth DEM, and terrain layers.

A new feature which augments PhotoMesh’s processing capabilities to a classification and analysis capacity is the built-in classification of the PhotoMesh output 3DML layer (Skyline 3D format) into ground and non-ground surfaces, establishing a floor for the 3D to act as a ground display option.

For mapping and engineering requirements, a new ground control point interface and workflow enables high accuracy projects and Geodetic control networks to be incorporated into the process. PhotoMesh also has the ability to import external aerial triangulation (AT) results for direct input into the 3D reconstruction, relying 100% on geometric and geographic characteristics of the input AT parameters.

Interested customers can sign up to download PhotoMesh for evaluation at the [Skyline Evaluation Page](#).