



ERDAS Extensions for ArcGIS®

Unlock the power of remote sensing and stereo photogrammetry inside your ArcGIS environment

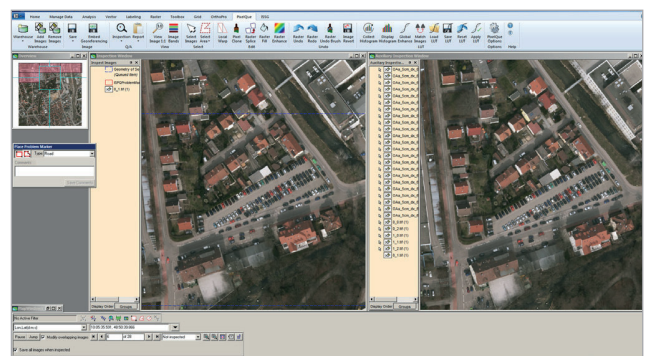
ERDAS Extensions for ArcGIS® are simple, affordable products to generate feature layers based on imagery. Instead of outsourcing the work or struggling with a large application that includes functionality you don't need, you can simply add ERDAS Extensions for ArcGIS to the software you already use. You can save money by completing the work yourself, and because it works inside the ArcGIS interface you already know, it doesn't require a lot of training or ramp-up time.

Stereo Analyst® for ArcGIS® integrates seamlessly with ArcGIS to give you stereo visualization in addition to the feature collection and vector editing tools you're already using. Stereo visualization lets you distinguish the features in your imagery faster and more easily, and increases the accuracy of the features that you collect. For example, in 2D imagery it may be difficult to distinguish an overpass from an intersection, and some objects may overlap others. Stereo allows you to see these features in the imagery just as you would see them in real life – in 3D.

Hexagon also provides two add-on enhancements for Stereo Analyst – FeatureAssist for ArcGIS® and ERDAS Terrain Editor for ArcGIS®. FeatureAssist for ArcGIS collects complex building roofs, with the option to extend these roofs to the ground to create realistic 3D models. Use ERDAS Terrain Editor for ArcGIS to edit geodatabase terrains.

Stereo Analyst for ArcGIS

- Work with any level of ArcGIS for Desktop
- Use standard ArcMap editor tools to create and modify features within the stereo view
- Enable multiple users to concurrently edit topology in ArcGIS
- Import data from several industry-standard triangulation package formats
- Load “oriented images” – including NITF and .SUP files – via the Add Data dialog in ArcMap

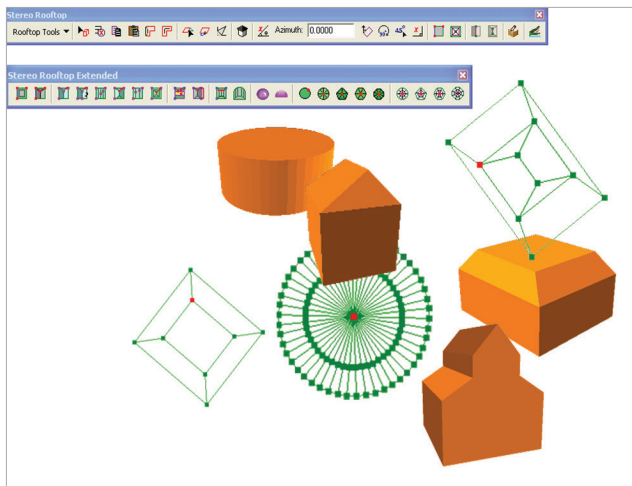


ImageStation PixelQue Commands and Structured Inspection Guide

- Perform vertical datum transformations to eliminate the need to post-process Z values
- Leverage 3D, layer-based snapping
- Convert existing layers to 3D
- Display alternate data in the “MultiView”

ERDAS Terrain Editor for ArcGIS

- Display terrain as points, lines and triangles with contours
- Use dedicated modification tools to work with points, breaklines or areas of the terrain
- Dynamically update contours in the stereo window during editing



FeatureAssist for ArcGIS provides an array of templates to assist complex rooftop generation

- Construct and manage custom bulldozer templates
- Generate new, additional points for the terrain with automatic correlation

Feature Assist for ArcGIS

- Collect common roof shapes using 27 available templates
- Fine-tune the match between the template and your exact roof shape using convenient rubber-banding lines
- Construct any shape required with freeform manual construction tools
- Easily perform basic changes such as reshaping, copying and pasting
- Generate 3D models with the roof outlines by creating walls that extend from the rooftops to the ground
- Leverage multiple snapping options, including face, vertex, edge and guideline snapping

Defense Formats for Stereo Analyst

Available for U.S. defense customers only, the Defense Formats add-on to Stereo Analyst for ArcGIS enables the direct use of the Mapping, Charting, and Geodesy (MC&G) sensor model and Tape Format Requirements Document (TFRD) imagery in the Stereo Window.

About Hexagon

Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications. Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Safety, Infrastructure & Geospatial division improves the resilience and sustainability of the world's critical services and infrastructure. Our solutions turn complex data about people, places and assets into meaningful information and capabilities for better, faster decision-making in public safety, utilities, defense, transportation and government.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 21,000 employees in 50 countries and net sales of approximately 3.8bn EUR. Learn more at [hexagon.com](https://www.hexagon.com) and follow us @HexagonAB.

© 2021 Hexagon AB and/or its subsidiaries and affiliates. All rights reserved. Hexagon is a registered trademark. For a listing of other registered trademarks, please visit <https://www.hexagongeospatial.com/legal/trademarks>. All other trademarks or service marks used herein are property of their respective owners. 12/21



GEOSYSTEMS is a solution provider in the geospatial arena and helps public authorities, private companies and educational organizations to easily transform location-based data into actionable information. As Hexagon diamond partner, GEOSYSTEMS offers not only lead-in-edge products for remote sensing, photogrammetry, GIS and data management, but also M.App solutions for easy-to-use dynamic map experiences. In addition, GEOSYSTEMS develops customized applications, implements tailor-made workflows and provides excellent trainings.

GEOSYSTEMS is an OHB company. For more information, please call +49 89 8943430, or visit www.geosystems.de.