

# 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's Geospatial division 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
- 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”

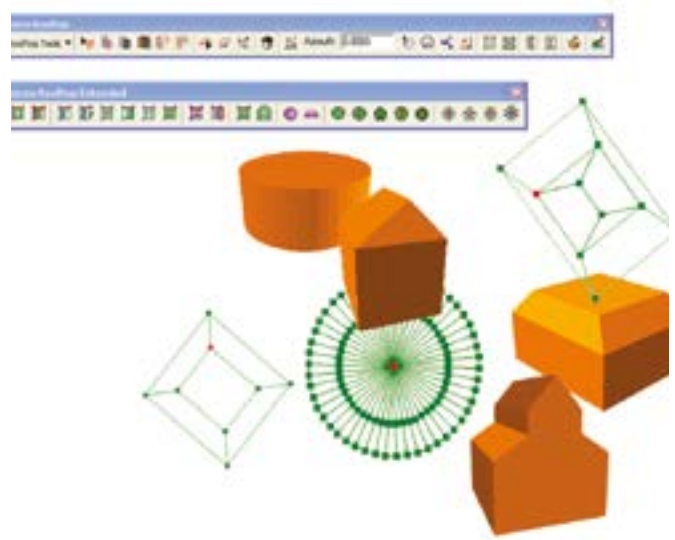


### ERDAS Terrain Editor for ArcGIS

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



ImageStation PixelQue Commands and Structured Inspection Guide



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

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

Contact us  [info@geosystems.de](mailto:info@geosystems.de)



## About GEOSYSTEMS

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

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## About Hexagon

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications. Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous — ensuring a scalable, sustainable future.

Hexagon's Geospatial division creates leading platforms, applications and solutions for visualizing, analyzing, and deriving insight from location data. By interconnecting the geospatial and operational worlds, we help customers of all sizes – from sites to cities to nations – use 5D location intelligence to solve real-world, mission-critical challenges.

From snapshots in time to real-time streams, our technology enables autonomous connected ecosystems that deliver reliable, repeatable location information. We shorten the loop from data acquisition to action, helping clarify what was, what is, what could be, what should be, and ultimately, what will be, so we can build a thriving, sustainable world.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 4.3bn USD. Learn more at [hexagon.com](http://hexagon.com) and follow us @HexagonAB.