INTERGRAPH

ImageStation Stereo for GeoMedia®

ImageStation Stereo for GeoMedia provides modules that enable users to display and manipulate stereo imagery with photogrammetrically accurate 3D cursor tracking, stereo vector superimposition, stereo roam, image contrast, and brightness adjustments. The product is based on GeoMedia Professional 6.0, which supplies the tools for interactively collecting and updating map 2D and 3D feature geometry and attributes from aerial or satellite mono/stereo images. Data collected using our feature collection software is used in geospatial applications and map revisions while collected geospatial features are stored in open databases so they can be easily accessed and used by third-party GIS systems.

POWERFUL STEREO CAPABILITIES

- Leverage built-in ImagePipe software and approved stereo graphics card to ensure smooth stereo roam

- Digitize contours with embedded Set Elevation command

- Select a subset of the workspace graphics for roam – speeding roam load time when dense graphics extend outside of the area of interest

- Easily specify view scales to either a zoom value or equivalent map scale with stereo

- Use the Zoom command to pinpoint specific areas of interest

- Displays stereo using frame sequential mode

ENHANCED CURSOR FUNCTIONALITIES

- Define the stereo cursor by selecting one of several standard cursor file delivered with the product, or define your own with inexpensive third-party software

- See stereo cursor position at all times with the coordinate readout

- Adjust stereo cursor sensitivity according to preference

POWERFUL VIEWING TOOLS

- Adjust Contrast/Brightness (including automatic mode) consistent with ImageStation Model Setup, ImageStation Digital Mensuration, and ImageStation Automatic Triangulation products

- Use the dynamic zoom (when supported by the graphics card) to get a smooth zoom similar to the optical zoom on a stereo plotter

- Select stereo glasses mode (either normal, pseudo, or bright). Auto-bright mode can be used to automatically set the glasses to bright when the user is making menu selections – making text easier to read.

REAL-WORLD BENEFITS WITH IMAGESTATION STEREO FOR GEOMEDIA

- Comfortable stereo viewing and measurement – providing for greater productivity

- Users can collect data without import/translation steps to formulate proper GIS topology – saving time and resources

- Larger field-of-view than conventional stereoplotters – increasing accuracy and improving productivity

- Automatic image enhancement – increasing image clarity

- Group stereo viewing – making it easier to supervise and train employees

ABOUT INTERGRAPH

Intergraph Corporation is the leading global provider of spatial information management (SIM) software. Security organizations, businesses, and governments in more than 60 countries rely on the company's spatial technology and services to make better and faster operational decisions. Intergraph's customers organize vast amounts of complex data into understandable visual representations, creating intelligent maps, managing assets, building and operating better plants and ships, and protecting critical infrastructure and millions of people around the world.

For more information, visit www.intergraph.com.