



ERDAS ER MAPPER

Powerful processing software used by geospatial and image analysis professionals throughout the world.

Used by local, state and federal governments, environmental, mining and exploration, water, power and telecommunications organizations.

Novice users can process imagery quickly and easily. You don't have to be an expert!

ERDAS ER Mapper is a powerful, yet simple to use geospatial imagery processing application. This solution enhances your geographic data to make it more meaningful and allow you to extract quantitative information and solve problems. It is ideal for GIS users and other geospatial professionals for preparing, manipulating and compressing huge quantities of imagery data.

DYNAMIC IMAGE PROCESSING

Realise the full value of your imagery assets with ERDAS ER Mapper's extensive range of image processing functions. Visualize your imagery with multiple image enhancements.

See the back page for a list of some of the many uses for ERDAS ER Mapper.

PREPARE IMAGES FOR USE IN OTHER APPLICATIONS

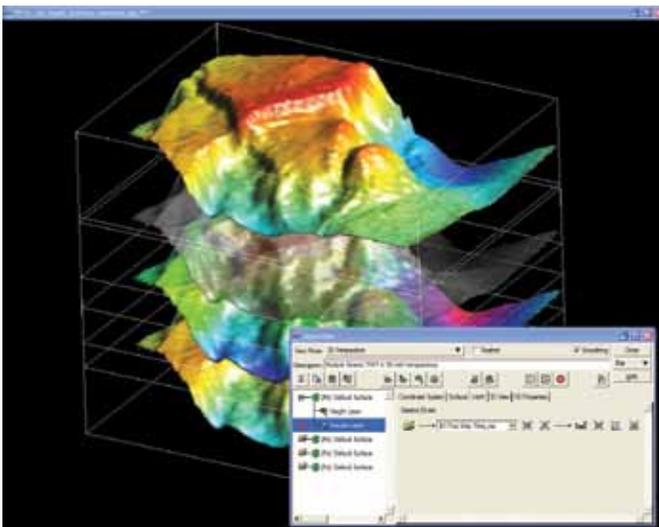
Use enhanced imagery in your GIS, CAD, desktop, web or server applications.

WIZARD BASED PROCESSING

Perform powerful processing functions at the click of a button without having to be an image processing genius! You can hit the ground running.

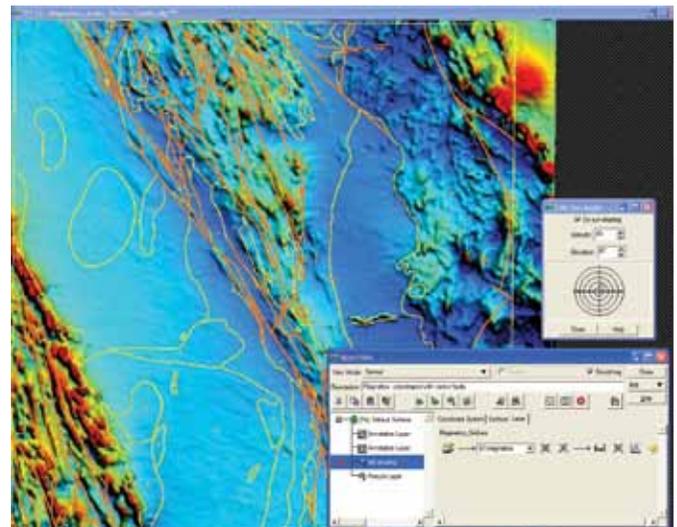
MOSAIC YOUR IMAGE TILES

Create city, state or country wide mosaics from your image tiles. You can view the entire area of interest in one file. Storing your image datasets will be a breeze.



Rapidly Visualize Multiple Data Layers in 2D or 3D

Using ERDAS ER Mapper's unique algorithm approach multiple data layers can be quickly analyzed, processed and visualized in 2D or 3D without requiring additional disk space.



ERDAS ER Mapper Algorithm Concept Supports Both Raster and Vector Data Types

The Dynamic Algorithm compiler not only enables "what if" processing and display of raster data but also for vector overlays as shown in this geologic fault interpretation of Magnetics data

ER MAPPER PROFESSIONAL

Use ECW compression to shrink the size of your imagery datasets to just 5% of the original size, whilst retaining the original visual quality. JPEG 2000 compression lets you compress your imagery to 25% of the original size whilst

keeping the underlying spatial data mathematically identical to the original data. Smaller, compressed images are faster to access in your desktop applications. No more time wasting while your imagery loads in your software!

JUST SOME OF THE WAYS OUR CLIENTS ARE USING ER MAPPER

Image use	Images prepared and compressed in ERDAS ER Mapper are faster to load and use in your desktop and web applications
Cutting out areas of interest	Cut out part of your image to make it more understandable (e.g. cut out a pipe in an image to provide to a colleague or contractor)
Flood mapping	Use DEM and air photos to map the effects of rainfall. Fix problem areas before there is a problem!
Water catchment	Model rain catchment dependent on direction / angle of rainfall.
Environmental analysis	Analyze satellite photo's to assess environmental conditions and impacts of land use
Asset mapping	Use ER Mapper's classification functions to map areas of sand, concrete, terracotta, bitumen, etc
Orthorectification	Geolocate an image. Put hard copy maps in electronic form.
Reprojection	Change an image's projection and datum
Change detection	Highlight change between image data captured at different times
Mining exploration	Map different mineral and sedimentation layers.

ABOUT INTERGRAPH

Intergraph is the leading global provider of engineering and geospatial software that enables customers to visualize complex data. Businesses and governments in more than 60 countries rely on Intergraph's industry-specific software to organize vast amounts of data to make processes and infrastructure better, safer and smarter. The company's software and services empower customers to build and operate more efficient plants and ships, create intelligent maps, and protect critical infrastructure and millions of people around the world.

Intergraph operates through two divisions: Process, Power & Marine (PP&M) and Security, Government & Infrastructure (SG&I). Intergraph PP&M provides enterprise engineering software for the design, construction, operation and

data management of plants, ships and offshore facilities. Intergraph SG&I provides geospatially powered solutions including ERDAS technologies to the public safety and security, defense and intelligence, government, transportation, photogrammetry, and utilities and communications industries. Intergraph Government Solutions (IGS) is an independent subsidiary for SG&I's U.S. federal and classified business.

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