

# ER Mapper Professional

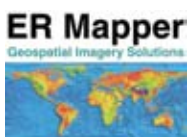
Powerful processing software used by geospatial and image analysis professionals throughout the world.

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

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



**Leica**  
Geosystems



ER Mapper Professional is a powerful, yet simple to use geospatial imagery processing application. ER Mapper enhances your geographic data to make it more meaningful and allow you to extract quantitative information and solve problems.



## Dynamic image processing

Realise the full value of your imagery assets with 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 ER Mapper Professional.

## Prepare images for use in other applications

Use enhanced imagery in your GIS, CAD, desktop 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.

[www.ermapper.com](http://www.ermapper.com)

## Unlimited ECW and JPEG 2000 compression

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 Professional

Image use	Images prepared and compressed in 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.



For more information please visit our website or contact your nearest ER Mapper or Reseller office.