

# ER Mapper Professional

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



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

Used by local, state and federal gov'ts, environmental, mining and exploration, water, power, telecommunications and defence organizations.

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

## Dynamic image processing

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

## 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.

## Unlimited ECW and JPEG 2000 compression

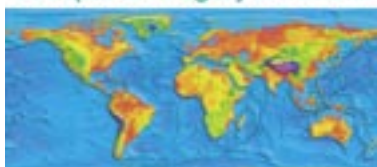
Use ECW compression to shrink the size of your imagery datasets to just 5% of the original size, whilst retaining the original visual quality.

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!

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Geospatial Imagery Solutions



# Just some of the ways our clients are using ER Mapper

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<b>Image use</b>	Images prepared and compressed in ER Mapper are faster to load and use in your desktop and web applications.
<b>Cutting out areas of interest</b>	Cut-out an image of area 6 feet either side of an asset (e.g. a pipe) to provide to a colleague or contractor.
<b>Flood mapping</b>	Use DEM and air photo's to map the effects of rainfall. Fix problem areas before there is a problem!
<b>Water catchment</b>	Model rain catchment dependent on direction / angle of rainfall.
<b>Image management</b>	Solve your IT departments image management nightmares. Shrink the size of your image assets to just 5% of their original size. Mosaicking images turns many files into just few.
<b>Environmental analysis</b>	Analyze satellite photo's to assess environmental conditions and impacts of land use.
<b>Asset mapping</b>	Use ER Mapper's classification functions to map areas of sand, concrete, terracotta, bitumen, etc.
<b>Orthorectification</b>	Geolocate an image. Put hard copy maps in electronic form.
<b>Reprojection</b>	Change an images projection and datum
<b>Change detection</b>	Highlight change between image data captured at different times.
<b>Mining Exploration</b>	Map different mineral and sedimentation layers.

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