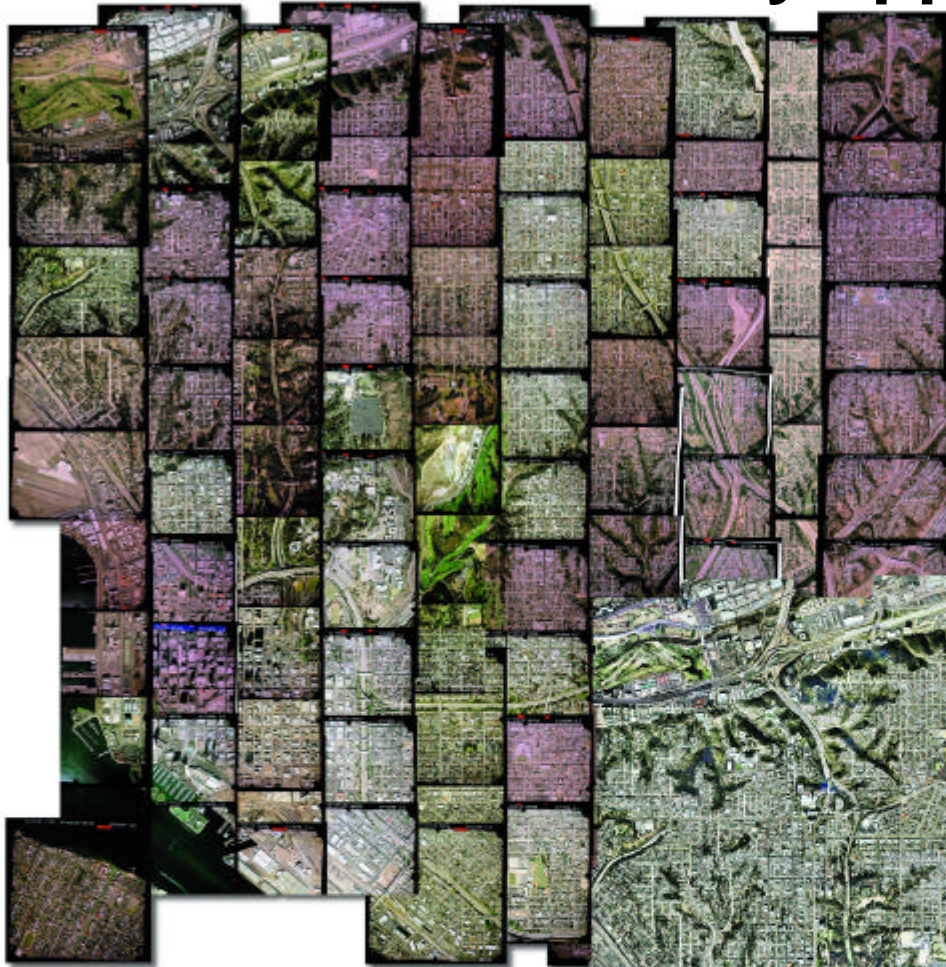


# Prepare your imagery for use in any application



100 x 1GB images (100GB in total)  
automatically orthorectified, mosaiced,  
color balanced and compressed to just  
1.3GB with ER Mapper 6.3 Wizards.



Try for yourself today!  
[www.ermapper.com](http://www.ermapper.com)

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# ER Mapper

Helping people manage the earth

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

**Asia Pacific Region Office:**  
Earth Resource Mapping  
Level 2  
87 Colin Street  
West Perth  
Western Australia 6005  
Telephone: +61 8 9388-2900  
Facsimile: +61 8 9388-2901

**European Region Office:**  
Earth Resource Mapping  
Blenheim House  
Crabtree Office Village  
Eversley Way, Egham  
Surrey, TW20 8RY, UK  
Telephone: +44 1784 430-691  
Facsimile: +44 1784 430-692

**Americas Region Office:**  
Earth Resource Mapping  
13400 Sabre Springs Parkway  
Ste 150,  
San Diego,  
CA 92128, USA  
Telephone: +1 858 391-5638  
Facsimile: +1 858 391-5649

# Prepare your imagery - for use in any application

## Access imagery

- Directly read any ER Mapper, ECW, BMP, JPEG, HDF, TIFF, GeoTIFF, ESRI BIL, DOQQ, SpotView image and many other formats
- Import 100's of other image formats
- Customizable to include your own translators
- Comprehensive list of satellite, seismic and airborne data imports
- Link to common GIS and database data without importing
- Vector and GIS imports include: ARC/INFO, AutoCAD DXF, DGN, Shapefile
- Print to 100's of printer formats

## Orthorectification wizard

- Fully bundled in ER Mapper; no add-ons
- Intuitive easy to use wizard interface
- Easily make images for precision mapping
- Create orthos in any map projection, even if different from the DEM

## Mosaic wizard

- Mosaic 100's or 1000's of images automatically
- Any type of data format and resolution
- Feathering across image borders
- User control over stitching

## Airphoto Balance wizard

- Automatically color balance airphoto mosaics
- Automatically remove hot spots and visible edges
- Detect and compensate for variations
- Detect and remove hot spots (sun glint)
- Create seamless mosaics

## ECW Compression wizard

- Compress image mosaics quickly
- Compress images at very high quality and high compression speeds
- Supports multi-band images
- Adjustable compression rates depending on your desired results
- Faster compression and viewing of ECW images than other compression formats
- Save compressed images ready for use in ArcView®, MapInfo®, Autocad MAP®, Microsoft® Word, Photoshop® and many other applications

## Produce maps

- Include multiple images on a map
- High quality printing
- Smart map objects
- WYSIWYG map layout
- Create your own map items
- Symbol libraries
- Unlimited output size
- Add scale bars, grids, logos and other intelligent map objects

## 3D presentations

- Multi-surface
- Quality printed output
- Transparency
- Flythrough and perspective
- Combine images and vectors

## Annotate

- Edit ARC/INFO coverages
- Do image analysis while annotating
- Fast and powerful

## Surface gridding wizard

- Create multi-band gridded images from multiple input sources.
- DEM generation from point data

## Batch script engine

- Create interactive guided wizards scripts
- Complex tasks are reduced by easy steps

## Create contours

- Datasets, algorithms and virtual datasets can all be contoured
- Automatically creates the contours
- Let ER Mapper set the parameters or specify them yourself
- Set the contour start value and interval, contour labels and contour color, line style and line width
- Save the contours out to a vector (.erv) file
- Create true DXF contours with a z value

## Geocoding wizard

- Warp image to vectors, image to image, image to map coordinates
- Accepts points from GPS and digitizers
- Extensive map projection database
- Easy and understandable GCP picking
- Ortho, Polynomial and Delaunay triangles
- Very fast and easy to use

## Spatial analysis

- Real-time sun shading
- Query point locations in map units
- Query point values
- Plot data along a line (traverse)

## Raster to vector

- Polygon generation
- Attributes preserved

## HDF Import Wizard

- Convert various HDF products into native ER Mapper raster datasets (.ers) and/or compressed ECW images.
- Quick and simple way to prepare HDF data for display via the Image Web Server
- Provides users with a simple way to prepare HDF data for viewing/processing within ER Mapper.

## Aster Processing Wizard

- Display, process, integrate, model and compare Aster imagery within ER Mapper
- Process Aster data in a quick, efficient and powerful way, saving time and effort

## Classify

- ISOCCLASS unsupervised classification
- Supervised classification using defined regions. Posterior probability and typicality index and thresholding
- Define regions interactively using scattergrams
- Detailed statistics and reports
- Display classes over imagery
- Spectral Angle Mapper Formula

## Analyse images

- RGB/HSI/greyscale/colordrape images
- 2D or 3D views
- Any number of image windows and any data size
- Integrated raster and vector and maps
- Transforms and filters
- Filters and convolutions
- Powerful what-if formula with arithmetic, geometric, statistical, logical operators and special functions
- User extendable image formulae
- Linked and overview windows

## Free ECW Compression and Decompression SDK's

Any desktop application can take advantage of the Royalty free open standard ECW Compression and Decompression SDK libraries.

## Free applications plugins to use ECW images

ECW plugins are available for web browsers, Office, GIS and CAD applications including:

- ArcGIS® and ArcView®
- ERDAS®
- MapInfo Professional v4.5 and v5.0® and MapX™
- MapImagery for MapInfo®
- AutoCAD Map® and Autodesk World™
- Photoshop®
- Microsoft® Office® programs such as Word and Excel (with ER Viewer 2.0d)
- Microsoft® Internet Explorer 5/6
- Netscape Navigator® 4.5+

Download these and other free application plugins from [www.ermapper.com](http://www.ermapper.com).

## Serve ECW images via the internet with the Image Web Server

- Interactively roam and zoom across large images in real time in any application via the internet



Try for yourself today!

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

