

ER Mapper 7.0 with ECW JPEG 2000

Prepare imagery for use in any application

Powerful imagery solution that is simple to use

The most powerful image-processing application is also the simplest to use! Powerful wizards let you create seamless, color balanced and compressed image mosaics.

ER Mapper includes a complete end-to-end suite of image processing tools for imagery and GIS professionals.



Unlimited ECW JPEG 2000 compression

ER Mapper compresses into the industry standard ECW format and ISO JPEG 2000 format. ER Mapper can handle mosaics 1000's of GB in size. ECW images are supported by a wide range of GIS, CAD, office and web applications.

Lossless image compression

For feature classification, DEM's, military applications and other operations that require pixel-for-pixel fidelity. Use compression throughout your entire workflow for greater efficiency.

Features	Benefits
ECW JPEG 2000 Compression Wizard	Deploy image assets quickly and reduce disk space
Lossless and lossy compression	Compression profiles for any application
Mosaic Wizard	Create city, state or country wide mosaics
Color Balance Wizard	Make seamless mosaics
Reproject images on the fly	Combine imagery from different zones or map projections
Geocoding and Orthorectification Wizards	Geolocate your current and historical images and maps
Gridding Wizard	Grid raw point data then visualise in 2D or 3D
Real time sun shading	Highlight subtle structure in geophysical images
Feature right spatial analysis and image enhancement	One integrated product meets all your imaging needs, including RADAR and geophysical image processing
ISO Classification Tool	Classify and monitor land use changes
Map production and annotation tool	Produce quality maps on large-format plotters
Contouring Wizard	Add context to your maps
3D and multi-surface transparency views	Visualize and find changes over time or space
Fixed or floating licenses	Choose the license that best suites your needs

ER Mapper

Helping people manage the earth

www.ermapper.com

No limits

ER Mapper's compression performance is unparalleled. ER Mapper 7.0 has been tested to 5,000 GB mosaics (including full mosaicking and color balancing).

JPEG 2000 compression has been tested up to 1,000 GB.

Easy to use

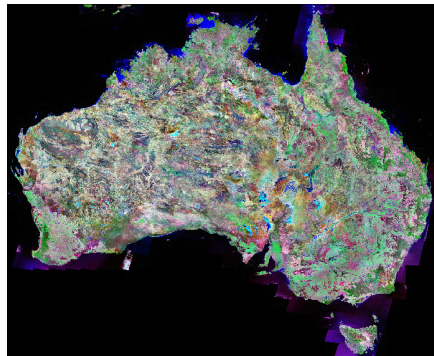
You don't have to be an image-processing expert!

The easy-to-use ER Mapper wizards simplify complex tasks, enabling GIS users to take full advantage of images.

Unique features

Only ER Mapper provides a complete end-to-end wizard based image-processing solution.

This 100GB satellite mosaic of Australia was created and compressed to 2GB using just two ER Mapper Wizards.



Major new features

See the separate What's New flyer for full details of new features.

- ECW JPEG 2000 support
 - Compress and decompress JPEG 2000 files.
 - Multi-terabyte ECW and JPEG 2000 files.
 - Support for NITF standards.
 - Input and output of geographical metadata in three formats: embedded GML, embedded GeoTIFF UUID box, and six-value world file.
 - Save images in 1-28 bit-depths.
- Lossless imagery compression.
- Additional projections and datums, including Canadian NTV2.
- Improved workflow with 13 new batch processing wizards. Save time by performing time-intensive operations overnight or during downtime.
- Complex colour enhancements with just a few mouse clicks.
- Instantly stretch an image or all images in a mosaic in a variety of ways.

Your requirements

ER Mapper solution

Deploy images to all your users

Use ER Mapper Wizards to mosaic, color-balance and compress image mosaics ready for GIS or web use

Map land use

Use the ISO classification and raster to vector tools to map and monitor land use changes

Enhance imagery

Use the real time sun shading, transparency and multi-format image algorithms for interactive enhancements

ER Mapper

Helping people manage the earth

www.ermapper.com

Pacific Region Office:

ER Mapper
Level 2
87 Colin Street
West Perth
Western Australia 6005
Telephone: +61 8 9388 2900
Facsimile: +61 8 9388 2901

European Region Office:

ER Mapper
MASDAR House
1 Reading Road
Eversley
Hants, RG27 0RP, UK
Telephone: +44 118 973 0780
Facsimile: +44 118 973 0002

Americas Region Office:

ER Mapper
13400 Sabre Springs Parkway
Suite 150
San Diego, CA
92128, USA
Telephone: +1 858 391-5638
Facsimile: +1 858 391-5649