

About ER Mapper 7.0

ER Mapper is widely used to enhance and process imagery for use in GIS, CAD, imaging, office and web applications.

New JPEG 2000 Support

ER Mapper's JPEG 2000 implementation is developed specifically for geospatial imagery datasets.

- Unparalleled performance for compression and decompression of JPEG 2000 images.
- Tested to support compression of 1,000 GB JPEG 2000 images.
- Support for NITF standards.
- Input and output of geographical metadata in three formats: embedded GML, embedded GeoTIFF UUID box, and six-value world file.

New Lossless imagery compression

For feature classification, military applications and other operations that require pixel-for-pixel fidelity use lossless compression. Compression can now be used through your entire workflow for greater efficiency.

New NITF (NPJE and EPJE) support

ER Mapper's JPEG 2000 implementation adheres to NITF standards. ER Mapper can output in NPJE and EPJE JPEG 2000 formats.

New Save images in 1 – 28 bit-depths

Providing increased flexibility and efficiency. You can use 1-bit for black and white maps, 11-bits for IKONOS data or 16-bits for DEM's.

New Map projections and datums

New map projections and datums, including the Canadian NTV2, give you more flexibility and precision when processing imagery.

New Improved workflow

To increase your productivity and workflow, ER Mapper 7.0 includes new batch processing wizards. These wizards let you queue a number of tasks to be performed unattended.

- Save time by rectifying, reprojecting and orthorectifying multiple datasets overnight or during downtime.
- Subset a large mosaic into smaller tiles for distribution, security purposes or for the creation of map sheets.

In total, there are 13 new batch processing wizards to make using ER Mapper even more efficient.

New Color enhancement wizards

Taking care of your most common color enhancements with one or two mouse-clicks.

- Create several different types of colordrape images for quick analysis.
- Convert typical "false color infrared" images into simulated natural color images, so vegetation appears in green instead of red.

New QuickStretch Wizards

Instantly stretch an image or all images in a mosaic in a variety of ways. This is a fast way to instantly try various enhancements without having to cycle through the transforms and apply them to each layer.

ER Mapper
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