

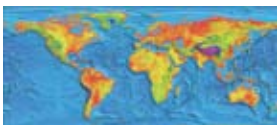
ER Mapper Algorithm

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 defence organizations.

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

ER Mapper
Geospatial Imagery Solutions



An algorithm is a set of instructions on what processing steps you want to apply to the data. ER Mapper Professional uses this algorithm to display the processed imagery. No temporary images are needed to view the processed data.

Real time, interactive processing

The enhancements are applied in real-time to the data. You can easily apply different "what if" scenarios, and quickly see the results – no matter the complexity being applied.

Save processing steps at different waypoints

When saving a number of processing steps, all that has to be saved is the algorithm file, a small (normally 6K or less) ASCII text file. This means that you can save your processing steps as you work – ensuring that you can always go back to a previous stage in your processing.

Virtual images and templates

Algorithms can be used as virtual images within other algorithms. You can build up a base-level image algorithm, and use this as a base for additional processing. With this methodology you can "break-down" complex processing into a number of different stages.

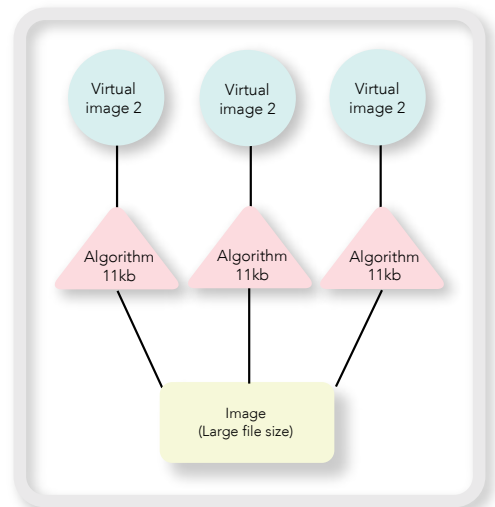
This same concept can be applied to develop templates of the processing steps for use with multiple data files.

Flexibility

Algorithms can handle any format imagery (integer, floating point or complex). Combine any number of data layers and any number of surfaces, with vector and raster data.

Easy to use algorithm interface

ER Mapper Professional employs an easy-to-use Interface to create algorithms. For expert users you can still apply complex functions and formulae to your algorithms.



www.ermapper.com