

# ECW Plug-ins

## Applications Support

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Earth Resource Mapping provides a comprehensive range of ECW plug-ins to support third party products. Most applications provide native ECW support.

### Enhanced Compressed Wavelet:

Enhanced Compressed Wavelet (ECW) is a fundamental breakthrough in image compression, which enables users to view and manage extremely high-resolution raster images inside desktop applications.

Working with ECW images has become increasingly popular as ECW images are significantly smaller and the image quality is not sacrificed. Users have the advantage of working with only one seamless image instead of countless images giving greater ease of use and the task of data management/storage.

### Earth Resource Mapping provides the complete imagery solution:

#### ECW:

Access large compressed ECW images inside popular applications

#### ER Mapper:

Geocode, mosaic, colorbalance and compress unlimited size ECW images

#### Image Web Server:

Serve large ECW images beside your GIS web server

Learn more at: [www.ermapper.com/ecw](http://www.ermapper.com/ecw)



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**All plug-ins are FREELY available from [www.ermapper.com/downloads](http://www.ermapper.com/downloads)**

## ECW Plug-ins Application Support

Product & Organization	Native ECW Support	Free Plug-in	Includes 500MB ECW Compressor	ECWP URL Support
3D EDGE <sup>®</sup> by EDGE <sup>®</sup>	✓			
ArcEditor <sup>®</sup> 8.1/8.2 by ESRI <sup>®</sup>		✓	✓	✓
ArcGIS <sup>®</sup> 8.1/8.2 by ESRI <sup>®</sup>		✓	✓	✓
ArcInfo <sup>®</sup> 8.1/8.2 by ESRI <sup>®</sup>		✓	✓	✓
ArcPad <sup>®</sup> 6.0 by ESRI <sup>®</sup>		✓		✓
ArcReader <sup>®</sup> 8.1/8.2 by ESRI <sup>®</sup>		✓		✓
ArcView <sup>®</sup> 3.x by ESRI <sup>®</sup>		✓		✓
ArcView <sup>®</sup> 8.1/8.2 by ESRI <sup>®</sup>		✓		
AspMap <sup>®</sup> by VDS Technologies <sup>®</sup>	✓			
AutoCAD <sup>®</sup> 2000/2000i/2002 by Autodesk <sup>®</sup>		✓		
AutoCAD <sup>®</sup> R14 by Autodesk <sup>®</sup>		✓		✓
AutoCad <sup>®</sup> MapR5 <sup>®</sup> by Autodesk <sup>®</sup>	✓			
Autodesk <sup>®</sup> CAD Overlay 2002/2002i by Autodesk <sup>®</sup>	✓			
Autodesk <sup>®</sup> Land Desktop 3 by Autodesk <sup>®</sup>	✓			
Autodesk <sup>®</sup> Map 5/6 by Autodesk <sup>®</sup>	✓			
Autodesk <sup>®</sup> Raster Design by Autodesk <sup>®</sup>	✓			
Cadcorp apSIS <sup>®</sup> by Cadcorp <sup>®</sup>	✓		✓	

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Chips <sup>®</sup> by Copenhagen Image Processing System <sup>®</sup>	✓		✓	
DbGIS dev <sup>®</sup> by Abaco <sup>®</sup>	✓			
DbMAP ASJ <sup>®</sup> by Abaco <sup>®</sup>	✓			
dIgv32 Pro <sup>®</sup> by USGS <sup>®</sup>	✓			✓
ENVI 3.6 <sup>®</sup> by Research Systems Inc	✓			
ER Mapper by Earth Resource Mapping	✓			✓
Geographic Transformer <sup>®</sup> by Blue Marble <sup>®</sup>	✓			
Geomedia <sup>®</sup> 5 by Intergraph <sup>®</sup>	✓			
Geo/SQL 6 <sup>®</sup> by Geo/SQL Technologies <sup>®</sup>	✓			
GEMex <sup>®</sup> by ENCOM <sup>®</sup>	✓			
GGP GIS for Windows <sup>®</sup> by GGP <sup>®</sup>	✓			
Global Mapper <sup>®</sup> by Global Mapper <sup>®</sup>	✓			✓
Gothic <sup>®</sup> by Laserscan <sup>®</sup>	✓			
Image Web Server 1.7 by Earth Resource Mapping	✓			✓
Imagine 8.5 <sup>®</sup> by ERDAS <sup>®</sup>		✓		✓
IrfanView <sup>®</sup> by Irfan Skiljan	✓			
Internet Explorer <sup>®</sup> by Microsoft <sup>®</sup>		✓		✓

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Innogistic Cartology® by Innogistic Software Plc	✓			
JustCGM® by JUSTCROFT INTERNATIONAL®	✓			
MapExtreme® 3.0 for Windows by MapInfo®	✓			
MapGuide 6® by Autodesk®	✓			
Manifold GIS® by Manifold®	✓			
MapImagery® for MapInfo® by MapImagery Ltd®	✓			✓
MapInfo® MapX 5.0 by MapInfo®	✓			✓
MapInfo Professional® by MapInfo®	✓			
MapServer® by University of Minnesota®	✓			
Maptitude® by Caliper®	✓			
Microsoft Office® by Microsoft®		✓		✓
Microstation Descartes® by Bentley Systems®	✓			
Microstation® V8 by Bentley Systems®	✓			
Microstation Terra Photo Viewer by 3D Laser Mapping Limited®	✓			
ModelVision Pro® by ENCOM®	✓			
Netscape® by Netscape Communications®		✓		✓
Oasis Montaj® by Geosoft®		✓		

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OrthoEngine <sup>®</sup> by PCI Geomatics <sup>®</sup>	✓			
OrthoWarp ER <sup>®</sup> by Inpho Technology <sup>®</sup>	✓			
OziExplorer <sup>®</sup> by OziExplorer <sup>®</sup>	✓			
PaintShop Pro <sup>®</sup> by Jasc Software <sup>™</sup>		✓	✓	
PCI EASI/PACE <sup>®</sup> by PCI Geomatics <sup>®</sup>	✓			
Petrosys Mapping <sup>®</sup> by Petrosys <sup>®</sup>	✓			
PhotoShop 4.0/7.0 <sup>®</sup> by Adobe PhotoShop <sup>®</sup>		✓	✓	
PlanView <sup>®</sup> by Digital Mapping Solutions <sup>®</sup>	✓			
PLS-CADD <sup>™</sup> by Power Line Systems <sup>®</sup>	✓			
Postershop <sup>®</sup> by Onyx Graphics <sup>®</sup>	✓			
QuickMag <sup>®</sup> by ENCOM <sup>®</sup>	✓			
SpatialAce <sup>®</sup> by SpatialAce <sup>®</sup>	✓			✓
Smallworld <sup>®</sup> by GE Network Solutions <sup>®</sup>	✓			✓
Star NeXt <sup>®</sup> by Star Informatic <sup>®</sup>	✓			
SuperMap <sup>®</sup> by SuperMap Technologies <sup>®</sup>	✓		✓	
Summit Evolution <sup>®</sup> by Datem Systems Evolution <sup>®</sup>	✓			
Terra Vista <sup>®</sup> by Star Informatic <sup>®</sup>	✓		✓	

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Product & Organization	Native ECW Support	Free Plug-in	Includes 500MB ECW Compressor	ECWP URL Support
TerraBuilder® by Skyline Products®	✓			
TnTmips® by MicrolImages®	✓		✓	
TrackRanger® by Advanced Design®	✓			
TransCAD® by Caliper® Corporation	✓			
TTQV® by CanadianMaps®	✓			
ViewFinder® 2.1 by ERDAS®		✓		✓
Virtuozo® by Virtuozo.com®	✓			
Visual Nature Studio® by 3D Nature Studio®	✓			
XnView by Pierre. E Gougelet	✓			

This document was prepared by Earth Resource Mapping Ltd as a service to the GIS and imaging community using ECW. Not all 3<sup>rd</sup> party products that support ECW are mentioned above. All plug-ins are provided on an 'as-is', without warranty of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. All brands, company names and product names are trademarks or registered trademarks of their respective holder.

## Other FREE ECW Applications

### ECW 500MB Compressor

- Free ECW compressor for images up to 500MB in size
- For larger images, and to create color balanced mosaics, use ER Mapper which includes unlimited ECW compression

### ER Viewer

- Free stand alone viewer for ECW, TIFF, ERS and other images. Also adds OLE support to Windows® applications for ECW images

### ECW Compression/Decompression SDKs

Earth Resource Mapping offers **FREE** Software Development Kits that enable users to decompress/display ECW images of any size and compress images up to 500MB in size into the ECW format, for the following platforms. Please contact us if you want license the SDK to compress larger images.

- Windows ECW Compression/Decompression SDK
- MacOS ECW Compression/Decompression SDK
- Windows CE ECW Decompression SDK
- Solaris ECW Decompression SDK