



What's New:  
ERDAS  
Image Web Server

# What's New ERDAS Image Web Server

## IWS 2009

- **Additional file formats.** GeoTiff, IMG and MrSID join the premium ECW and JPEG 2000 file formats.
- **Web client re-projection.** Multiple data layers can now be re-projected using client controls within web browsers.
- **WMS-C.** Support for provisional specification for tiled WMS requests.
- **JPEG 2000 Interactive Protocol (JPIP).** A streaming imagery protocol adhering to the ISO standard.
- **Windows 2008 Server (32 and 64bit).**
- **IWS tools fully 64bit.**
- **Floating licenses.**
- **Coordinate system enhancements** - including multiple datum shift support when re-projecting on either the server or client side.
- **Automatic client EPSG to GDT coordinate system mapping in JavaScript**
- **Advanced security enhancements** - New session ID tracking for ImageX requests allows faster authentication. The client plug-in now shares cookies with the browser.
- **Updated ECW JPEG 2000 Header Editor** - The ECW header editor has been updated to work with JPEG 2000 files, and now supports both GeoJP2 and GML in JP2 georeferencing information.

## 8.5 February 2008

- **Virtual images / Algorithm read-only support for WMS/ImageX services**—Enables online processing of images, transforms and mosaics. This feature minimizes the duplication of data and saves disc space, providing faster deployment of processed images.
- **Projection library based on the Blue Marble Toolkit**—Provides greater compatibility and flexibility by including over 3200 predefined coordinate systems,

1100 datum shifts and 50+ mathematical projections, local and global vertical datums.

- **Support for Windows Server 2003 64bit**—Increases performance for 64 bit platforms.
- **Management Console (GUI) changes for algorithm support**—Provides easy and flexible administration via the new algorithm preview window.
- **Scale dependent images from WMS services**— A single WMS layer may contain multiple images of differing resolutions. With this feature, the client application delivers the image optimum for the scale needed, optimizing viewing performance for clients using WMS protocol.

## 8.1 - May 2006

- **Web 2.0 GIS overlay support**
  - Server side component that makes requests to GIS server and “knocks-out” colors in the returned image to provide transparency for GIS requests.
- **ArcXML configuration extensions**
  - Re-projection on-the-fly
  - Grouping of layers
- **Firefox windowless support in plug-in**
- **New browser plug-in universal installer**

## 8.0 - Dec 2006

- **Reprojection on-the-fly**
- **Web 2.0 plugin-less web control**
  - Tiled map view control.
  - Fade/transition effects for advanced web page authoring.
  - Transparency support for ECW and JPEG 2000 layers.
  - Reprojection-on-the-fly.
- **Enhanced Image Web Server Console**
  - Independently expose ECW or JPEG 2000 files with different protocols, such as ArcIMS® or OGC WMS.
  - Name and group WMS layers.
  - Remote management of your server.

- Preview images whilst in the administration console.
  - Enhanced ArcXML® / WMS configuration options.
- **Enhanced ArcXML performance.**
- **WMS 1.1.1 conformity.**
  - Combine multiple layers in a map request.
  - Supports multiple WMS services.
- **NULL cell handling for JPEG 2000 images in all protocols.**