



ERDAS ECW/JP2 SDK

FAST, COST-EFFICIENT HANDLING OF LARGE IMAGES IN YOUR APPLICATION

Solve the problems associated with handling large imagery datasets. The ERDAS ECW/JP2 SDK allows software developers to enable rapid and efficient file handling in their applications by including robust support for selected wavelet compression formats and protocols.

The ERDAS ECW/JP2 SDK provides support for the visually-lossless ECW imagery format and the ECWP protocol. ERDAS' Enhanced Compression Wavelet (ECW) technology compresses bulky imagery files into manageable sizes, enabling faster processing and transfer of imagery and reducing the hardware investment required for the geospatial workflow. The SDK also provides support for the numerically-lossless JPEG2000, an ISO-certified compressed image format commonly used for geospatial imagery.

CUSTOMER BENEFITS

FAST

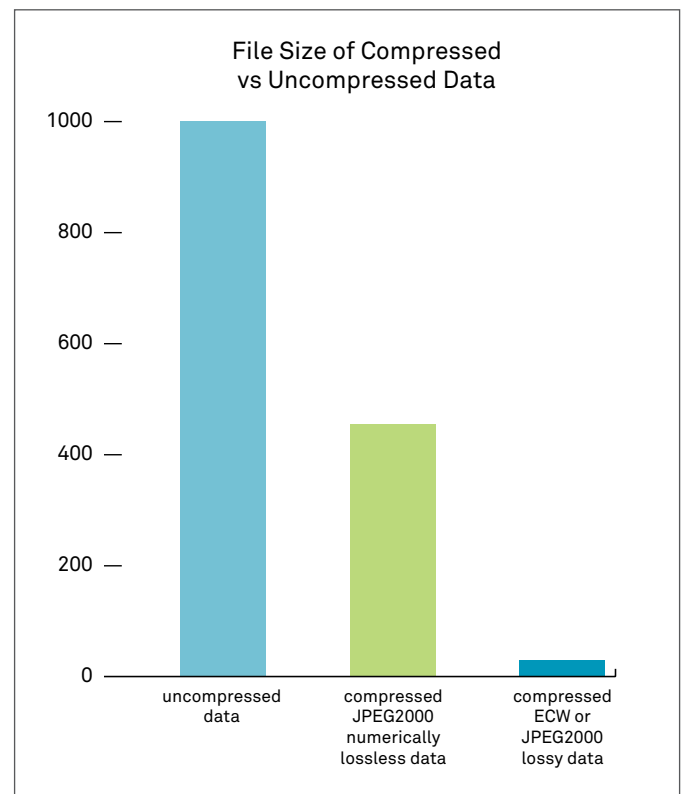
Rapidly read or compress images in the JPEG2000 and ECW formats. Your end users will be able to create and view any resolution and any size image quickly.

HANDLES MORE DATA

Make one massive image or thousands of smaller images, depending on your need. ERDAS ECW/JP2 SDK can handle terabyte-sized volumes of imagery.

INTEROPERABLE WITH OTHER APPLICATIONS

Other geospatial applications easily access ECW or JPEG2000 images. With the ERDAS ECW/JP2 SDK, you can add support for JPEG2000 and the high-performance ECW data formats.



Additional benefits are outlined in the table below.

FEATURES	BENEFITS TO YOUR USERS
Fast viewing at any resolution for any region	Fast zooming, panning and roaming over large images
Low memory footprint	Applications run faster and use less system resources
Fast lossless and lossy compression	Quickly reduce images to manageable size
64-bit file support handles large images	Compress images up to 1000 Gigapixels per layer, with up to 65,535 layers per image file
Support for NITF, NPJE, EPJE	SDK appropriate for development of military applications
Widely used by GIS, CAD, imaging and office applications	Easily exchange images
Simple no-hassle licensing	No wasted development time
Supports Windows x32 and x64 operating systems	No support hassles
Geolocation data preserved as embedded metadata (OGC-standard GML for JPEG2000)	Easily pass images with fully defined coordinate reference systems between different applications
Opacity channel support	Mask out background and null data areas



ABOUT GEOSYSTEMS

GEOSYSTEM is a software vendor and service partner with outstanding expertise in remote sensing, photogrammetry, GIS and geospatial data management. As Hexagon Geospatial premium partner in Germany, Austria, and Switzerland, GEOSYSTEMS offers the Power Portfolio, a worldwide leading software for visualization, analysis, deployment, and distribution of geographic data. Based on those products, GEOSYSTEMS develops customer specific solutions and implements tailor-made workflows. Services at GEOSYSTEMS covers workflow streamlining, process orientated consulting, software development, system integration, support, training, updates and maintenance. GEOSYSTEMS is internationally successful for more than 25 years. GEOSYSTEMS is located in Germering near Munich, Germany.

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About Power Portfolio

The Power Portfolio from Hexagon Geospatial combines the best photogrammetry, remote sensing, GIS and cartography technologies available. Flowing seamlessly from the desktop to server-based solutions, these technologies specialize in data organization, automated geoprocessing, spatial data infrastructure, workflow optimization, web editing, and web mapping.

The Provider Suite enables you to comprehensively manage and deliver volumes of geospatial and business data.

About Hexagon Geospatial

Hexagon Geospatial is part of Hexagon (Nasdaq Stockholm: HEXA B; hexagon.com), a leading global provider of information technologies that drive quality and productivity improvements across geospatial and industrial enterprise applications. Learn more at hexagon.com.

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