



### How can I buy LizardTech Express Suite?

Visit [www.lizardtech.com](http://www.lizardtech.com) for more information or phone 1-866-725-5211. A LizardTech® representative will help answer any questions you may have. You can also find more information at [www.lizardtech.com](http://www.lizardtech.com).



## ExpressSuite®

### Geospatial Imagery at the Speed of Need

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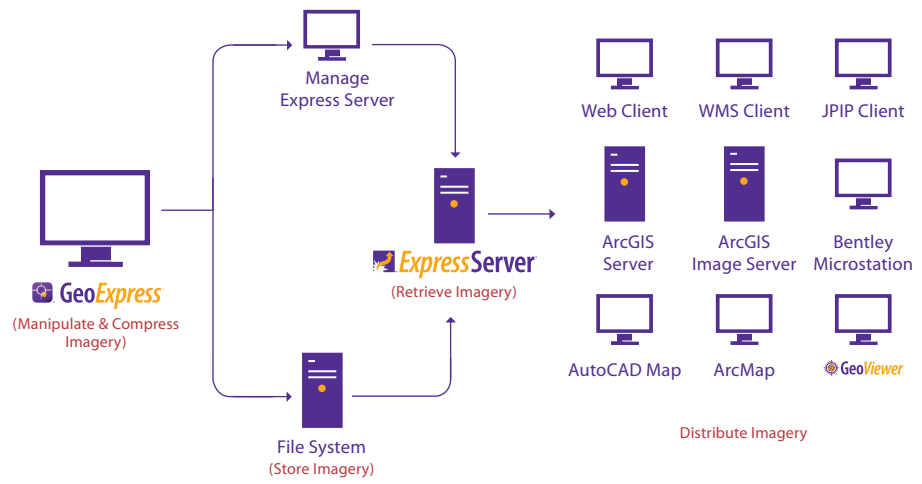
Moreso than ever before, interoperability between geospatial technologies and services are necessary for you to quickly deploy geospatial products to the decision makers and warfighters who need them most.



From the moment you receive goereferenced source imagery to the moment your analysts import your products into their exploitation tools, Express Suite provides easy-to-use tools to get your imagery into the hands of the decision makers who need it.

The ability to manipulate imagery and move it quickly downrange to warfighters is crucial in today's battlespace. Delays in image access can result in catastrophic situations. LizardTech's Express Suite software line – GeoExpress, Express Server, and GeoViewer – minimize the time between the moment you receive your goereferenced source imagery to the moment your analysts import your products into their exploitation tools.

## ExpressSuite



### Stand-Alone Products for Specific Imaging Needs

Do you need to compress and chip imagery for quick distribution downrange? Do you want to mosaic your MrSID imagery and place it on an internal portal? Maybe you need to improve the performance of your maps being served in low-bandwidth environments. Or you need simple imagery viewers for warfighter use during deployment. Together, Express Suite software products meet all of these challenges and more.

#### GeoExpress

**GeoExpress**  
The Industry's Best Image Manipulation and Compression Software

With powerful tools for reprojecting, color balancing, mosaicking, cropping and more, LizardTech® GeoExpress® software is your first choice for manipulating and encoding your geospatial imagery to the industry standard MrSID® and ISO standard JPEG 2000 compression formats and NITF. GeoExpress supports MrSID Generation 4 (**MG4™**), the latest version of the MrSID format, which uses alpha bands for true transparency control and enables geospatial users to compress multi- and hyperspectral imagery for more flexible band utilization. The interoperability within LizardTech's Express Suite® software means that Express Server catalogs can be configured easily from the GeoExpress interface\* – no need to learn command line tools – making GeoExpress the ideal command center for your storage and distribution workflows.

\*GeoExpress 7 and later

#### ExpressServer

**Express Server**  
Image Delivery Software for the Geospatial Age

LizardTech® Express Server® software is the fastest, most stable, and easiest way to distribute high-resolution raster imagery. With Express Server, users on any device access imagery faster, even in bandwidth-starved environments. Support for MrSID, JPEG 2000 and NITF formats ensure the highest visual quality regardless of connection speed. Express Server rapidly distributes large geospatial images using WMS or streaming JPIP protocols without requiring you to spend time customizing your applications or retraining users. Express Server also supports **MG4**, so you can now use it to distribute multi- and hyperspectral data. Express Server's technology gives you the fastest possible delivery of compressed images, whether via broadband to devices and desktops in your operating center or wirelessly to forward deployed Warfighters on low-bandwidth connections.

#### GeoViewer

**GeoViewer**  
The Stand-Alone Application for Viewing Geospatial Images

GeoViewer is LizardTech's free, stand-alone application for viewing geospatial imagery and vector overlays. GeoViewer enables you to combine, view and export visual layers from varied sources, such as local repositories, Express Server catalogs, and WMS and JPIP servers. LizardTech GeoViewer supports a wide range of input formats and exports to GeoTIFF, PNG and JPEG. LizardTech GeoViewer is the most efficient means of viewing MrSID, JPEG 2000 and NITF images.

### Deliver Actionable Intelligence to the Right Person at the Right Time and Place

LizardTech's Express Suite line of geospatial products is a battery of powerful software applications built to handle the manipulation and delivery of large georeferenced images. Products in the Express Suite line are designed to work seamlessly with each other and with protocols and applications in the larger geospatial ecosystem. Combining the bit-crunching power of GeoExpress, the speed and stability of Express Server and the viewing capabilities of GeoViewer enables you to manipulate, compress, view and distribute high-resolution, high-value imagery quickly, making it easier than ever to get your product into the hands of the people who need it.

#### Manipulation and Compression

Express Suite starts saving you time as soon as you import your source imagery into GeoExpress. You can select bands, mosaic and crop images, correct tonal imbalances, and reproject to the coordinate system you require – all with a few clicks – then output in compressed MrSID or JPEG 2000 format directly to a file system or Express Server. Even existing MrSID and JPEG 2000 imagery can be published to Express Server without being reencoded. GeoExpress' powerful manipulation tools and interoperability with Express Server enable you to quickly create and publish high quality image products for your customers and users.

#### Distribution and Viewing over Networks

Use Express Server to pull imagery from a file system, from a database or from Express Server catalogs for instant viewing. With Express Server, your imagery can be viewed simultaneously in WMS and web applications and in ESRI programs – virtually all commonly used GIS applications. You can even "stream" Express Server imagery via the JPIP protocol.

Regardless of the storage source or the viewing application, the more simultaneous users view your imagery the more Express Server benefits your end-users' experience. Image servers delivering imagery via Express Server outperform image servers working alone at a rate that increases with larger images and additional users. Express Server's advantage becomes more pronounced as the job gets tougher.

Finally, the interoperability that is the foundation of LizardTech's software applications means the utility of your imagery is not restricted by particular formats, data sources or viewing environments. With Express Suite, your imagery just gets where it's needed – and gets there faster.

#### Stand-Alone Viewing and Conversion

The stand-alone GeoViewer viewing client delivers a lot of value for a free application. Use GeoViewer to view raster and vector layers together as part of your image-readying workflow. Save an image or any part of an image in another format. Designed as a companion to GeoExpress and Express Server, GeoViewer can be used both upstream and down for quick viewing of massive raster datasets.