



How can I buy LizardTech Express Suite?

For more information and pricing contact GIS Services at 520.623.7825, 520.991.0727 mobile or GIS_info@gisservices.net



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.

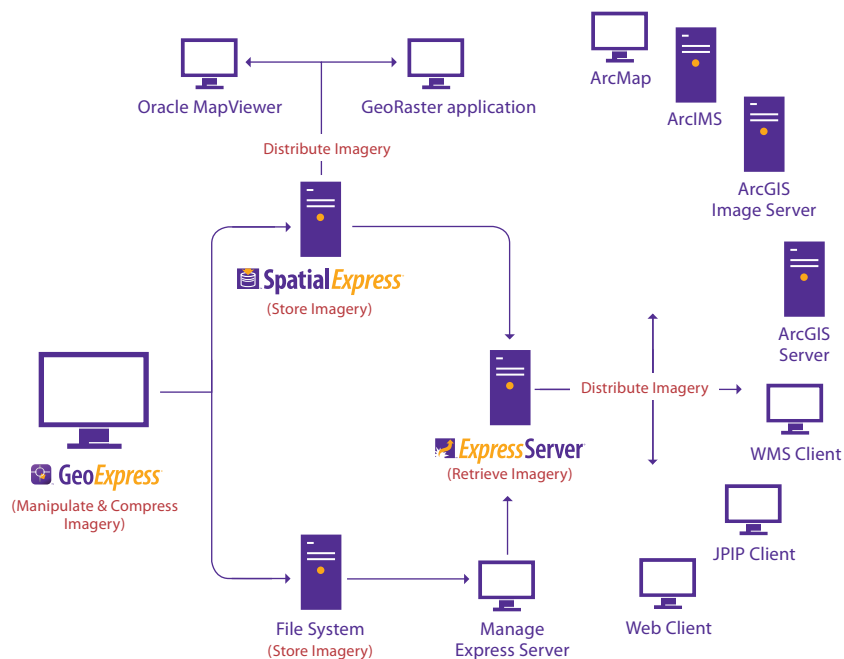


In today's battlespace, sharing information is critical, particularly geospatial imagery. Having tools that are designed to work with each other at every step along your workflow is the key to exploiting your imagery and delivering it downstream.

Storing, manipulating, and distributing your imagery calls for familiar tools that work seamlessly not only with each other, but also with the protocols and applications in your deployed systems so you can deliver actionable intelligence to the right person, at the right time and place.

The LizardTech® Express Suite® line of products offers just such a set of tools for geospatial image delivery. Interoperating seamlessly, GeoExpress®, Spatial Express® and Express Server® software enable your imagery to be stored anywhere, distributed via any network, and viewed in almost every geospatial environment. Express Suite makes it easier and faster to deploy imagery to those who need it.

Express Suite



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Stand-Alone Products for Specific Imaging Needs

While all of the Express Suite applications work together as a group, you can also choose just the components you need. Do you only need to crop and compress your imagery for use on a laptop? Use GeoExpress. Need to mosaic your MrSID® imagery and deploy it on a Web portal? GeoExpress and Express Server software are right for you. Need to improve the raster performance of your maps being viewed with or served by ESRI products? Express Server comes with plug-ins for ArcGIS. Need to store your JPEG 2000 imagery in Oracle Spatial and serve it to Oracle MapViewer? Take a look at Spatial Express software.

GeoExpress

GeoExpress

The Best Geospatial 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 standard compression formats such as NITF, JPEG 2000 and MrSID. The interoperability within Express Suite means that you can configure Express Server and Spatial Express software directly from GeoExpress, making it the ideal command center for rapid deployment of geospatial products.

Spatial Express

Spatial Express

Database Storage and Retrieval Tools for Massive Geospatial Imagery

LizardTech Spatial Express software enables you to store, manage, and access massive image datasets efficiently using your Oracle Spatial database. Store raster image datasets hundreds of gigabytes in size and reduce storage space requirements for that imagery by up to 95 percent while retaining image quality. Spatial Express is the key link between your imagery, your database, and your users, letting you integrate disparate datasets and deploy them easily.

Express Server

Express Server

Image Delivery Software for Forward Deployed Warfighters

There is no better solution than LizardTech Express Server software for distributing imagery in MrSID, JPEG 2000 or NITF format. With Express Server, users on low-bandwidth connections can view high fidelity imagery almost instantaneously. You can configure Express Server catalogs easily from GeoExpress, without the need to learn tedious technical tools. Express Server is faster, more stable and easier to use than any other solution for delivering high-resolution raster imagery. And now you can use Express Server with the JPIP protocol for streaming massive imagery in bandwidth-constrained environments.

Express Server software catalogs and manages the distribution of imagery, enabling you to integrate the world's best raster delivery technology with geospatial data stores. Express Server indexes catalogs for distribution via WMS, an open standard, and streams compressed images to ensure the fastest possible delivery, whether via broadband to devices and desktops in your operations center or wirelessly to forward deployed Warfighters on low-bandwidth connections.

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

LizardTech's Express Suite line of geospatial products is designed to rapidly manipulate and deploy geospatial imagery products. From the moment you acquire your georeferenced source imagery to the moment decision makers import your products into their GIS, Express Suite provides easy-to-use, standards-based tools that help you put your imagery to work downstream.

Manipulation and Compression

Import your source imagery into GeoExpress software, where you can mosaic and crop images, correct tonal imbalances, and reproject to the coordinate system you require. Use GeoExpress' powerful manipulation tools to deliver high quality, standards-based datasets out to the field.

Output in compressed MrSID or JPEG 2000 formats directly to a file system, Oracle database or Express Server catalog for viewing in any GIS, whether locally connected or forward deployed.

Storage and Retrieval

Store your imagery in any Oracle Spatial 10gR2 database running LizardTech's Spatial Express extension.

Loading terabytes of GeoTIFFs into a conventional database and creating the required image pyramids can take months, making your imagery difficult to exploit in a timely fashion. Loading the same GeoTIFFs into Spatial Express (including the time to convert them to JPEG 2000) takes only weeks or even days, so you can analyze your imagery quickly.

Imagery is stored in compressed MrSID or JPEG 2000 format—no pyramiding necessary—reducing your storage requirements by more than 95 percent! Analysts can retrieve imagery from a common location, IT staff can plan for cost-effective, failsafe disaster recovery, and end-users can access imagery quickly.

You can load the imagery into your database directly from the simple graphical interface of your GeoExpress application, allowing your image production staff to spend more time working with the imagery itself and less time dealing with the underlying infrastructure.

Distribution and Viewing

Use Spatial Express and Express Server software to pull imagery from a file system, from a database or from Express Server catalogs. With an Express Suite workflow, your imagery can be viewed simultaneously in WMS and Web applications, ESRI applications, Oracle's MapViewer and all GeoRaster-enabled applications – virtually all commonly used GIS applications, so you know your products can be rapidly deployed and quickly viewed by decision makers and Warfighters, no matter where they're located or what application they're using. When bandwidth is too tight for the HTTP protocol, serve Express Server imagery via the JPIP protocol.

The interoperability that is the foundation of Express Suite means the utility of your imagery is not restricted by formats, data sources or viewing environments. With Express Suite, your imagery just gets into the hands of the people who need it—and gets there faster.