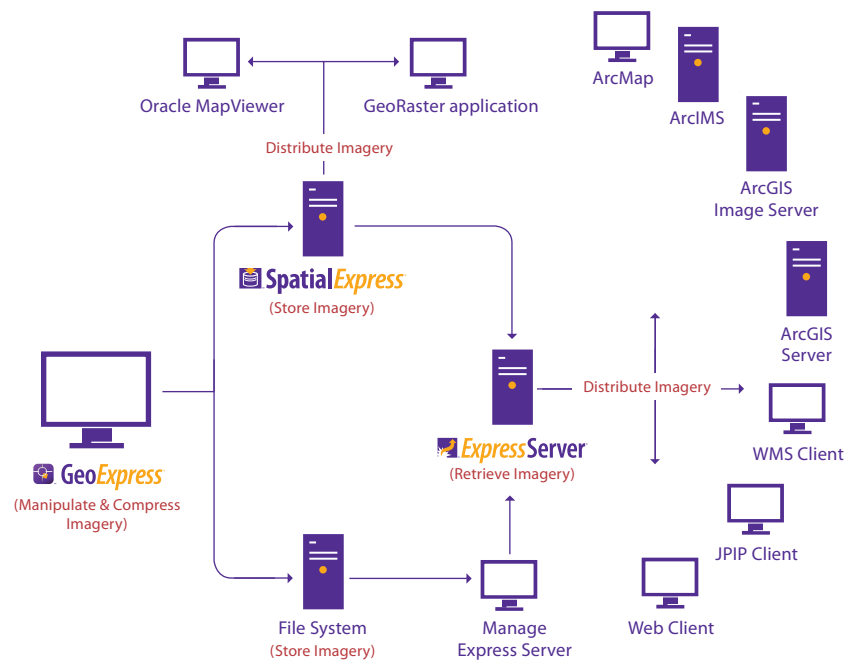


Having tools that are designed to work with each other at every step along your workflow is the key to transforming your satellite and aerial image data into products that people use.

Storing, manipulating and distributing your imagery calls for familiar tools that work seamlessly not only with each other but also with protocols and applications in the larger geospatial ecosystem.

The LizardTech® Express Suite® line of products offers just such a set of tools for geospatial imaging. GeoExpress® software compresses imagery to the industry standard MrSID® format and ISO standard JPEG 2000 format. Spatial Express® and Express Server® software enable your imagery to be stored anywhere, distributed by any network and viewed in almost every geospatial environment. All of the Express Suite applications interoperate with one another, which makes it easier and faster to get your imagery into the hands of the people who need it.

ExpressSuite



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

Choose Among 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? Use GeoExpress. Do you want to mosaic your MrSID imagery and deploy it on the Web? Use GeoExpress and Express Server software. 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. Pick and choose the mix of applications that makes sense for you.

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 industry standard compression formats. The interoperability within the Express Suite line of products means that you can configure Express Server and Spatial Express software directly from GeoExpress, making it the ideal command center for your storage and distribution workflows.

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. Whether you want to maximize return on your database investment by storing raster image data hundreds of gigabytes in size, or reduce storage space requirements for that imagery by up to 95 percent while retaining image quality, or view the imagery in your geospatial applications, Spatial Express is the key link between your imagery, your database, and your users.

ExpressServer

Express Server
Image Delivery Software for Geospatial Workflows

There is no better solution than Express Server software for distributing imagery in MrSID or JPEG 2000 format. With Express Server, users on any device access imagery faster, even over low-bandwidth connections. Express Server catalogs can be configured easily from the GeoExpress interface—no need to learn command line tools. Express Server is faster, more stable and easier to use than any other solution for delivering high-resolution raster imagery. 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 spatial query to support WMS features, and streams compressed images to ensure the fastest possible delivery, whether conventionally to broadband devices and desktops or wirelessly to remote field personnel or response crews using low-bandwidth connections.

Speed Up Your Imaging Workflow

LizardTech's Express Suite line of geospatial products is designed to meet your needs point for point along your workflow. From the moment you receive your georeferenced source imagery to the moment downstream users import your product into their GIS, Express Suite provides easy-to-use tools that help you put your imagery to work where it's needed.

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 datasets to your customers and users.

Output in compressed MrSID or JPEG 2000 format directly to a file system, Oracle database or Express Server software. Publish existing MrSID and JPEG 2000 imagery to Oracle or Express Server without having to reencode.

Storage and Retrieval

Store your imagery in any Oracle Spatial 10gR2 database running the Spatial Express extension.

Loading terabytes of GeoTIFFs into a conventional database and creating the required image pyramids can take months. Loading the same GeoTIFFs into Spatial Express (including the time to convert them to JPEG 2000) takes only weeks or even days.

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

You can load the imagery into your database using the command line tools of Spatial Express or directly from the graphical interface in your GeoExpress application.

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. You can even 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 particular formats, data sources or viewing environments. With Express Suite, your imagery just gets where it's needed—and gets there faster.