

Compression For Hi-Res Images

Protect Image Fidelity While Cutting File Sizes In Half

Pixels add up fast in this business – consuming bandwidth and storage and slowing down distribution. The right compression solution can give you great compression while preserving quality. GeoExpress can compress raster imagery to MrSID, JPEG 2000 and NITF formats, or compress LiDAR data to MrSID and LAZ formats. Then, get more from your investment in imagery with powerful tools for mosaicking, reprojection, and more.

Compress

- + Shrink size, not quality. Choose from the industry-standard MrSID image compression format, the ISO standard JPEG 2000 format or the government-standard NITF format.
- + Preserve pixel-for-pixel image fidelity while reducing file size by as much as 50%. Compressed images save storage and bandwidth costs and are perfect for mobile devices and low-bandwidth environments, so you can access high-fidelity images while on-the-go.

Manage

- + Customize and manipulate your images. Take advantage of cropping, color balancing, reprojection, and other tools. Combine multiple images into seamless mosaics, create custom image tiles, and export specific sections of imagery you want at the exact resolution you need.
- + Plus, you can use alpha bands to add true transparency to your imagery.



Integrate

- + Industry standard MrSID format works seamlessly with other applications, so you can process, classify, and interpret your imagery without worrying about compatibility.
- + API to MrSID Decode SDK for read-level access with any software.
- + Express Server publishes a Web Map Service ingestible by all GIS and most CAD applications.

Distribute

- + Crop areas of interest to match shapefiles and export them at the exact size and resolution you need. Customizing multi-spectral imagery is easy with support of up to 255 image bands and the ability to select any subset of output bands.
- + Once you have exactly the imagery you want, export it quickly and easily to your user community.

Deploy

- + MrSID images are optimized for web viewing and sharing. Or use Express Server to manage, access and distribute your files anywhere.
- + Online or off, at a desk or on a smartphone or tablet, your images are easily accessible, quick to load and retain their original visual integrity.

For more information, visit extensis.com/geoexpress