IMAGINE MrSID Encoders

Like the ECW and JPEG2000 formats, MrSID is a wavelet based, image-compression format designed to enable true portability of massive images. It enables instantaneous viewing and manipulation of imagery both locally and over networks while sacrificing little image quality. Features include unprecedented file size reduction ratios, multiple resolutions from single-source files, selective decompression, and seamless roaming/browsing.

IMAGINE MrSID Encoder add-ons enable the MrSID encoding of any of the more than 130 raster formats supported by ERDAS IMAGINE and are seamlessly integrated into the geographic imaging workflow. Reduction ratios vary depending on image content and color depth but are around 10-20:1 for gray scale and 20-50:1 for full color, often with little perceptible loss of visual quality.

IMAGINE MrSID Encoders ensure that all projection and geometric transformation information is retained inside the MrSID file, as well as offering external file options. This ensures that applications such as GeoMedia, ArcGIS, AutoCAD, MicroStation, FalconView, MapInfo, Google Earth, and ERDAS IMAGINE have access to all georeferencing information provided by the original data format.

An IMAGINE Essentials user is able to compress images of up to 50MB free of charge. Larger images require the purchase of the IMAGINE MrSID Encoder modules. The IMAGINE MrSID Desktop Encoder will handle input files up to 500MB, and the IMAGINE MrSID Workstation Encoder will handle input files of unlimited size. These modules can be added at any level of the ERDAS IMAGINE product suite.

For IMAGINE Advantage users of the IMAGINE MrSID Desktop and IMAGINE MrSID Workstation, MosaicPro provides an opportunity to create seamless mosaics and compress the images to a MrSID file. This time-saving feature allows you to set up a complex mosaic process with cutlines, histogram matching, feathering, and much more to encode the image at the end of the lengthy unattended process.

IMAGINE MrSID Encoders

IMAGINE MrSID Standard

- Read everywhere in ERDAS IMAGINE product suite

- Encode input data up to 50MB

- MrSID MG2 and MG3 data encoding

- Access from Batch Wizard for production workflows

- Floating license structure

- Multiple resolutions in a single file

IMAGINE MrSID Desktop

- Standard capability, plus

- Encode input data up to 500MB

- Create using mosaic capability in MosaicPro

IMAGINE MrSID Workstation

- Standard capability, plus unlimited input data size

Easily create MrSID images within the ERDAS IMAGINE environment

About Hexagon

Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications. Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Safety, Infrastructure & Geospatial division improves the resilience and sustainability of the world's critical services and infrastructure. Our solutions turn complex data about people, places and assets into meaningful information and capabilities for better, faster decision-making in public safety, utilities, defense, transportation and government.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 21,000 employees in 50 countries and net sales of approximately 3.8bn EUR. Learn more at hexagon.com and follow us @HexagonAB.