Contexâ€™™ Software JPEG 2000 Compatible

Contexâ€™™ WIDEimageNET and JETimageNET are now compatible with the newest version of the JPEG formatâ€"JPEG 2000. JPEG 2000 uses 'wavelet' technology, and as well as being better at compressing images (up to, and exceeding 20% more), it can allow an image to be retained without any distortion or loss of data.

One early use of JPEG 2000 will be as a base file format in image archives and databases. Traditionally, image archives store multiple copies of an individual files at varying resolutions and quality levels so that they can supply appropriate image data on request. In addition, considerable metadata is held about each image to allow it to be easily classified and retrieved. This is critical to GIS applications, such as maps and aerial photographs, or similar applications where the need for an extreme file compression of large data files. However, JPEG2000 provides virtually no loss of image quality, and more importantly, without artifacts found in the traditional JPEG format.

https://www.gim-international.com/content/news/contex-software-jpeg-2000-compatible