

MrSID

Powered Imaging



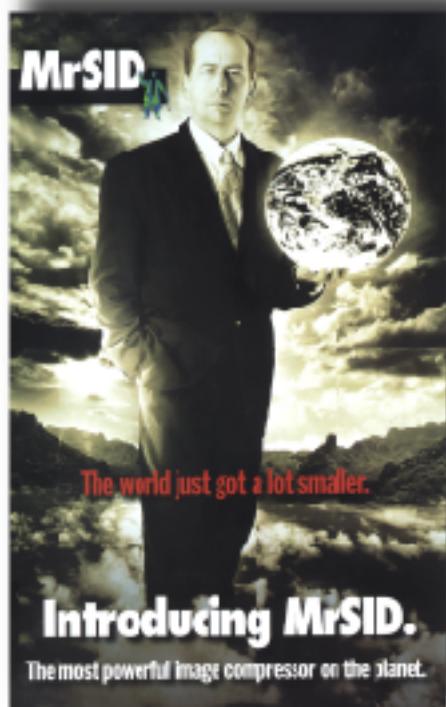
A Los Alamos National Laboratory Licensing Success

On January 9, 1992, LizardTech (formerly "Paradigm Concepts, Inc.") exclusively licensed a Los Alamos National Laboratory Technology—Monte Carlo Image Conversion and Representation (MCICR). Developed by Vance Faber, James White, and Jeffrey Saltzman, MCICR consists of two patented techniques for compressing 24-bit digital images into smaller 8-bit images without loss of resolution. On October 25, 1995, LizardTech again exclusively licensed a Los Alamos technology—Multiresolution Seamless Image Database (MrSID), which was developed by Los Alamos' Jonathan Bradley through the Lab's Sunrise Project funding. The combination of MCICR with MrSID produced an innovative imaging environment that implements wavelet-based compression for digital raster images while preserving image quality and detail. This software product is now being applied to such markets as geospatial imaging, professional publishing, document imaging, and medical device manufacturing.

Before licensing Los Alamos' technologies, Paradigm Concepts, Inc. was a small service-based New Mexico company consisting of 4 employees. Since licensing MCICR and MrSID, the company has grown to 55 employees, including Bradley, Faber, and White—three of the original developers.

"The creation of the MrSID technology could have only happened at the world's premier applied research institution, Los Alamos National Laboratory. Without MrSID, LizardTech would not be in business today."

John R. "Grizz" Deal,
President and CEO of LizardTech



Cover of promotional brochure for MrSID.

