TrueVision is an intelligent, real-time 3D HD vision platform along with a suite of specific software applications that uniquely facilitate integration and management of disparate imaging modalities widely used in surgery.

Neurosurgery

TrueVision has been successfully used as both the primary and secondary visualization for neurosurgical procedures that include aneurysms, brain and pituitary tumors. No matter the approach or procedure, the system provides ergonomic benefits of a heads-up display to alleviate fatigue while providing perfect visualization of the operative field.

Operating Room:

- Twice the depth of field over the optical image
- Larger screen format optimizes instrument control and view
- Surgeon heads-up display format improves OR “team” synergy

Teaching:

- Reduces learning curve for surgeons in training
- Record and play back critical procedures in 3D HD
- The competitive advantage for surgical training programs

“As both a practicing surgeon and user of image guided spinal navigation, I see the enormous potential for 3D HD visualization in the operating room. I anticipate that TrueVision 3D HD technology today will dramatically enhance numerous types of surgical procedures and in the future potentially improve patient outcomes through better visualization and intelligent 3D surgical software applications.”

— Kevin Foley, M.D., Professor of Neurosurgery at the University of Tennessee, Memphis
TrueVision consists of three components:

- Patented Image Capture Module in 3D HD easily attaches to surgical microscope
- Image Processing Unit processes and stores movies and snapshots
- Image Display System is a plug and play, portable cart

"TrueVision has the potential to replace traditional microscopy in many surgical procedures."
— Dr. Richard Bucholz, Chairman of Neurosurgery, St. Louis University

Experience and communicate microsurgery in 3D HD.

TrueVision Systems is pioneering the use of 3D HD digital imaging to transform stereomicroscopy in surgical and educational settings to provide better patient outcomes and improve surgical efficiencies.