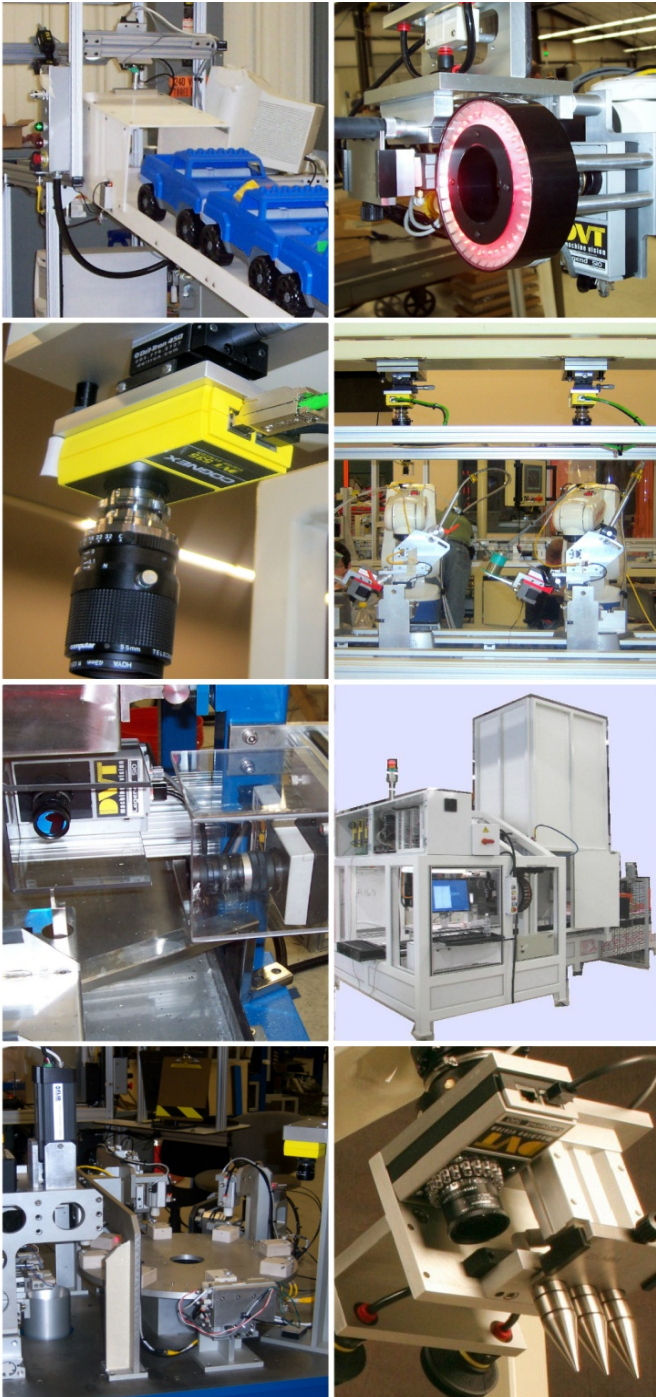


Vision Systems

Guiding, Inspecting and Verifying



Abacus Automation has a long history using vision systems in our machines for a wide variety of jobs. In 2003, Abacus recognized the need to become our own experts in vision technology and used our last outside vision consultant. Abacus now develops and maintains all vision applications internally to preserve a “One Stop Shop” for complete systems and customer support.

With the latest advances of higher resolutions, faster acquisition times, larger data storage capabilities, and lower costs, vision systems are being integrated into a large percentage of automation systems. Whether your need is a measurement, color verification, bar code or charter recognition, guidance for robots or servos, orientation check, or other QC certification, Abacus will find the right system for your application. Abacus uses many brands cameras, lighting and software, depending on the task’s needs. Data gathering, storing and report writing can meet your requirements for quality assurance.

Solving vision issues is less of an “Art” than in past years, but most of the challenges remain in the lighting. Our technical staff has overcome many difficult lighting applications. The new cameras and software have expanded the vision possibilities.

Abacus will service any of its vision systems upon request. We can reprogram for new products, add new features or perform updates as needed.