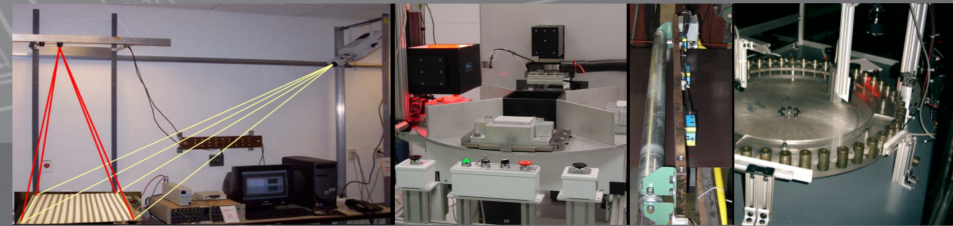# Automation Manager

The company was founded in 1998 by Mr. Frank Meyer who previously designed and wrote most of the original algorithms that are the heart of VisionBlox,® now a standard in the imaging industry.

In addition to providing the Automation Manager product, Soft-Automation also provides consulting and integration services in a variety of industrial fields. Their parent company, Creative Lifestyles, has extensive experience in multimedia systems combining audio, video, text and graphics into an efficient, easy to use system.

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Milford, MI 48380
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          (877) 819-9900
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Software for
Machine Vision
Gauging
SPC
Motion Control
Thermal Imaging

Soft-Automation

Soft-Automation

Dynamic Inspection Software

Automation Manager is software designed for part inspection using cameras, lasers and touch probes.
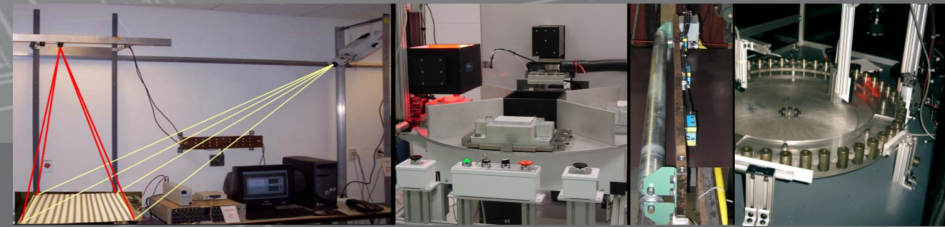
Automation Manager:
- Integrates a wide variety of cameras and probes
- Controls automated machine processes
- Provides live SPC data charts
- Includes a highly configurable interface so each application can have unique screens
- Its multimedia engine can guide operators through the calibration processes with text and images
- It is the cost effective answer to automated measurement needs

Cameras:
Analog - Monochrome, composite color and RGB
Firewire/IEEE1394 color and mono
USB and USB2
Cameralink High Speed Digital

Automation Manager also supports a wide variety of Digital Cameras, Frame Grabbers, Image Processors, Motion Platforms, and I/O Boards.
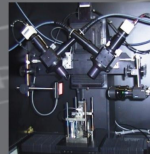
Contact Soft-Automation for deatils.

Application Examples:

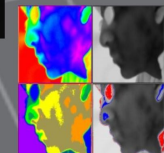| Electronic Part Measurement	Stereoscopic Vision	Print Inspection	Rotation in Variant	Thermal Imaging	Web Inspection	Line Scan	Wheel Gauging
Parts coming out of a machine at a rate of 450-600 parts per minute are inspected by a high resolution camera. Due to the variation of the parts, process engineers configure various programs to inspect sizes, holes, shapes etc.	Two cameras check the 3D location of a weld. The XYZ position is adjusted so the weld is on target.	Pad printing is checked for defects, blemishes, voids and alignment. Inspection rate approx 300-600 parts per minute.	Ice cream lids are inspected to ensure that each flavor has the appropriate lid.	Grab thermal images from a live feed and inspect them with preloaded and customizable lookup tables. Display only the temperatures you need for a more precise view. Save and compare images from the database.	Sets of lasers are used to measure the thickness of material on a production line.	A line scan camera is used to inspect surface defects, scanning 20,000 x 4,000 pixels at 2,500 lines per second.	LVDT positions are recorded for a rotating wheel. Characteristics are measured to include TIR, harmonic frequency, dimensions and more. Automation Manager Technology controls all machine functions.

Soft-Automation