Machine Vision Inspection Systems
Improving productivity, accuracy, and quality control.

INTEGRATED MACHINE VISION SYSTEMS
FOR HIGH-SPEED INSPECTION AND QUALITY
CONTROL

As the demands for productivity and product quality increase, developing a robust automated inspection solution involves far more than just the correct selection of components.

Cyth Systems’ experience and training, coupled with our partner’s products, allows us to develop and deliver a turnkey, cost-effective, high-speed inspection system without sacrificing value and performance.

SEND US YOUR SAMPLES!
Our engineers will test your parts in our fully stocked vision laboratory. Have confidence that your defects or desired measurements will be verified and a report produced at no cost to you.

Automated inspection and statistical process control
Cyth Systems has selected the best-suited imaging components for several common machine vision applications. We offer these products in the following convenient packages.

**3D Vision System**
Inspect blister packs, verify plastic molding, guide robots, and more. This package includes:
- SICK 3D Vision Camera
- National Instruments Embedded Vision System
- Cabling and accessories
- National Instruments Vision Builder AI
- Standard 3D inspection steps
- 10 hours of pre-application consulting
- 10 hours of TestCare® support

**Infrared Vision System**
Verify food quality, monitor pumps and motors, perform thermal profiling and more. This package includes:
- FLIR Infrared Camera
- National Instruments Embedded Vision System
- Cabling and accessories
- National Instruments Vision Builder AI
- Standard infrared inspection steps
- 10 hours of pre-application consulting
- 10 hours of TestCare® support

**NI Smart Camera System**
Automate production, verify correct assembly, track and identify parts and more. This package includes:
- Real-Time Smart Camera
- Inspection Software
- Cabling and accessories
- Configurable inspection steps
- 10 hours of pre-application consulting
- 10 hours of TestCare® support

**High-Speed Line Scan Vision System**
Scan high speed productions lines for web-inspection and high resolution imaging applications. This package includes:
- Basler High-Speed Line Scan Camera
- National Instruments Camera Link Frame Grabber
- Cabling and accessories
- High-Resolution Optics
- Standard line scan inspection steps
- 10 hours of pre-application consulting
- 10 hours of TestCare® support

**40-Hour Startup Assist Package**
Take advantage of our vision prototyping laboratories and components from our multiple high-profile partners. Cyth Systems will help you get your vision inspection system up and running.

ABOUT CYTH SYSTEMS
Cyth Systems is a leading integration and engineering firm with a proven track record of success designing and building automated test and embedded control systems. Our goal is to help you develop quality products with minimized schedule, risk, and cost. Our unique approach allows for systems that are maintainable, flexible, reliable, and achievable within time and budget constraints.

For more information about machine vision systems, visit [www.cyth.com](http://www.cyth.com)