

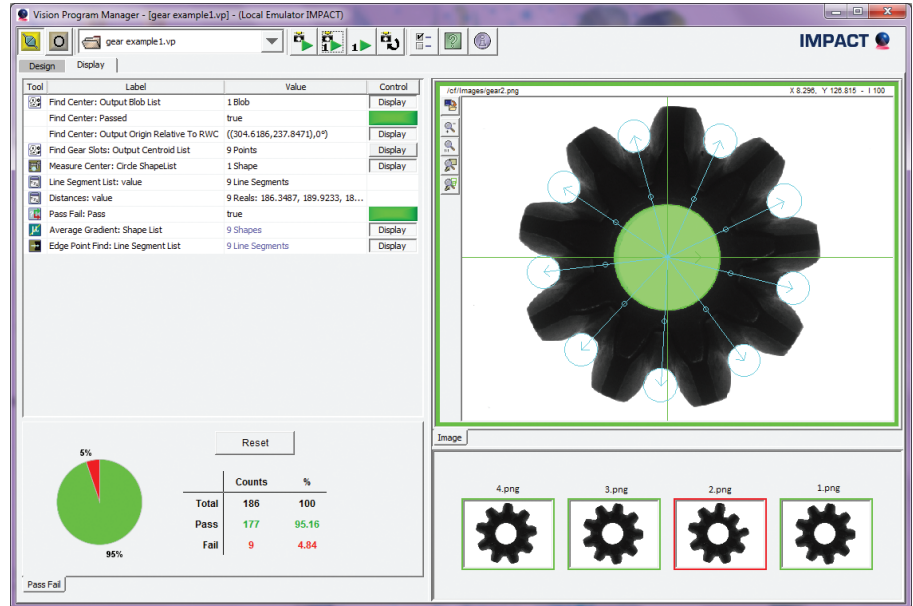
At a Glance

PPT Vision Impact Software powers PPT’s full line of integrated vision solutions, simple to complex. Your single investment in PPT software and training is preserved as your inspections grow, and you can easily share programs for the same inspections across multiple factory locations.

Features

Vision Program Manager

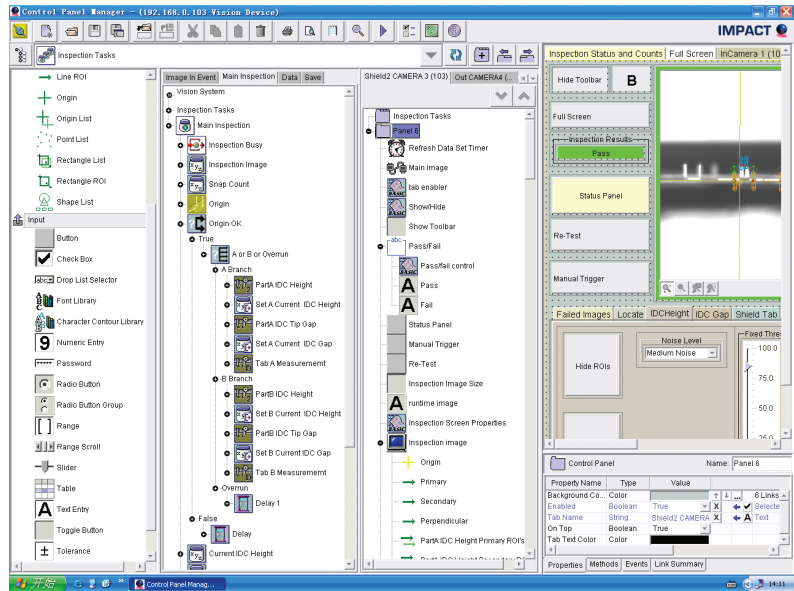
Vision Program Manager (VPM) provides hundreds of image processing and analysis functions. Use VPM to enhance images, locate features, measure objects, check for presence and read text and bar codes.



INSPECTION TOOL	WHAT IT DOES
Image Filtering	Average and binary filtering, edge enhancement and pixel-fill tools
Image Geometry	Image sampling, image stitching and line-profile tools
Locating	Tools for pattern-finding, blob location and line-finding
Feature Finding	Blob filters, circle gauges and contrast tools
Measurement	Point, line and circle measurement tools
Flaw Detection	Detects flaws in objects or surfaces being inspected
Readers	Selects bar code, data matrix and OCR inspection tools
Communication	Serial and ethernet communication using TCP/IP, Ethernet/IP, Modbus and OPC
Logic	Performs basic arithmetic and logical operations on vision results. Also creates complex looping structures for vision program graphically without writing code
Device Control	Sets triggers and adjusts camera settings automatically from within vision programs

Control Panel Manager

Control Panel Manager (CPM) simplifies development of operator interfaces while providing the ability to make on-the-fly adjustments to critical machine controls. Use CPM to create operator interface panels to view and adjust critical machine controls.



FEATURE	BENEFIT
Drag-and-Drop Linking	Provides easy data transfer from VPM
Password Protected	Prevents unauthorized changes to critical inspections
Image Locking	Enhances file and process debugging
Built-in Graphics	Easily displays process statistics
Reusable Control Panel Templates	Reduces application development time and cost
Edit Settings Online	Tweaks critical machine controls in real time

Benefits

- Intuitive Windows® icon-based environment with drag-and-drop programming reduces application development time and cost.
- Common software works with all PPT smart cameras and vision processors and many third-party GigE compatible cameras. This leverages your software investment as your inspection needs grow.
- VPM library of more than 120 inspection tools handles any assembly verification, measurement, surface flaw, code reading, guidance, logic or communication task.
- CPM enables adjustment of critical machine controls.
- Built-in Emulator saves time when creating, testing and debugging your vision program—without a camera.
- Software easily communicates with higher level control systems via TCP/IP, Ethernet/IP, Modbus and OPC protocols.