



VISION GUIDED ROBOTICS

With the release of IMPACT Software 12.0, Datalogic can solve more Vision Guided Robotic applications as well as make them easier to deploy. Enhanced tools to make it easier to locate objects, easily compile and format data, and then communicate that data to other automation or databases.

UPDATED TOOLS

Special attention was given to the software Tools to make it easier and faster to integrate Datalogic's machine vision software with any robot.

Over 40 improvements were made to the **Calibration Tool** to assure that the camera coordinates with the robot easily and accurately.

The **String Builder Tool** has many improvements making data collection easy and allows the user to format all the data that the vision system can provide.

Additionally, a new tool called the **Data Archiving Tool** is being introduced. This tool allows users to access the data from our Smart Cameras and Vision Processors and send them directly to a local or network database.

The **Pattern Find Tool** now rivals the top competitive tools in the industry. Users can use the familiar, easy-to-use IMPACT interface to set up the Locate Tool in a short amount of time. The tool will then quickly and accurately find a designated object. If higher speeds are needed, the user can run the tool in 'Multi-core Mode' to take advantage of the true processing power of our MX-E and MX-U vision processors. This new tool is a part of our Enhanced License which is available only on our MX-E and MX-U vision processors.



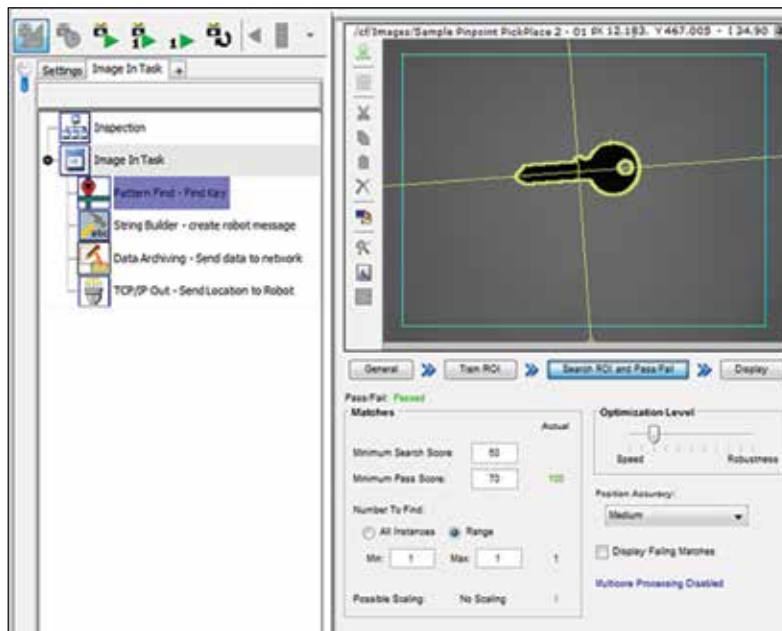
FEATURES

- The new Pattern Find Tool can accurately locate objects and quickly transfer the data to the Vision Guided Robots
- The Calibration Tool is critical for robot guidance applications where the user needs to associate the image coordinates to the robot coordinates; With over 40 improvements, the Calibration Tool is now more robust and easier to use
- The String Builder Tool allows users to quickly assemble the data they need and format the data for the individual device
- The Data Archiving Tool allows users to send data directly from the vision device to the database (either on a local processor or a network location)

INDUSTRY-APPLICATIONS

- Manufacturing: Vision Guided Robotics - communicates location information quickly and accurately for use in guidance
- Manufacturing and T&L: Object identification and location - provides object identification to automated systems





IMPACT Software 12.0 with a sample file for Robot Guidance.

IMPACT 12.0					
	P-Series	A-Series	T-Series	MX(legacy)	MX-E/U
IMPACT 12	✓	✓	✓	✗	✓
OCR License	✓	✓	✓		
Enhanced					✓
PST					✓
12.0 is not supported on the legacy MX vision processors					

Simplified Licensing

Material Description	
93ACC0185	Dongle, IMPACT
93ACC0187	Dongle, IMPACT, PST
93ACC0236	Dongle, IMPACT, Enhanced
93ACC0237	Dongle, IMPACT, Enhanced, PST

Enhanced license includes: new Pattern Find Tool, OCR Tools and 3rd Party Camera drivers.