

# INOVISION

INNOVATIVE SOLUTIONS

PAINT

INSPECTION

TURN  
KEY  
AUTOMATION

DISPENSE

PROCESS & CONTROLS



# AUTOMATION, ROBOTICS, AND SOFTWARE SOLUTIONS

## ABOUT US

Founded in 1994, Inovision has grown its business by creating lasting relationships with customers, consistently delivering solutions on-time, and never walking away until a job is done right. Our team of experienced controls, software, electrical, mechanical, and process engineers focus on delivering world class solutions that exceed customer expectations.

- Paint
- Dispense
- Material Handling
- Machine Vision
- Electrical / Mechanical Design
- Controls Engineering
- Process Engineering
- Robot Simulations
- Installation
- Project Management
- Software Development
- Panel Build



## CONTACT US

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# WHAT WE DO



## Paint

- Turnkey Robotic Paint Systems
- Retrofit new robots to existing zones for increased throughput
- Replacement of robots that have reached their end of life.
- Applicator Upgrade
- Quality Improvements / New Model Process Engineering

Ask us about integrating our SMARTMix 1K/2K/3K precision gear pump fluid delivery to your legacy systems for improved control and reliability.

## Dispense

- Complete turnkey systems / retrofits
- Sealer, PVC, LASD, urethane, adhesive, etc.
- Appearance / coverage improvements
- New model robot path teach
- Vision error-proofing to validate material application



## Inspection and Repair

- SMARTInspect and SMARTFinish systems
- Automated surface inspecting for defects (dirt, scratches, craters, solvent pops, etc.)
- Dynamic (moving line) inspection and robotic repair
- Small footprint / minimal conveyor modifications
- Display defects on monitors to repair operators or include SMARTFinish for robotic repair

# WHAT WE DO



## Controls

- Rockwell, Siemens, GE, Mitsubishi, Omron, Wago, etc.
- C#, VB.NET, C/C++, Visual Basic, WPF, WCF, SQL, Java, Python, HTML, and a myriad of other software development environments
- Custom Algorithm Development
- GUI / HMI development
- Embedded System Design and Development
- Upgrades for legacy Windows PCs that are obsolete and no longer supported
- Provide flexible alternatives to Wonderware, Panelview, or other HMI operator stations

## Process

- Fanuc, ABB, Kawasaki, Durr, and Motoman
- Robot path teach and process engineering
- Product changes or complete new model launch
- Offline robotic simulations and process / reach studies
- Expertise in paint, dispense, material handling, and machine vision
- Fully test offline robot pathwork during the modular build phase at our Rochester Hills, MI facility



## Cleaning

Inovision and Laminair Systems have teamed up to provide the latest in cleaning and blow-off technologies such as:

- Air showers
- Fixed / Robotic Feather Dusters,
- Chain Scrubbers
- Blow-off Systems to ensure your vehicles and parts are prepped and ready for paint application.