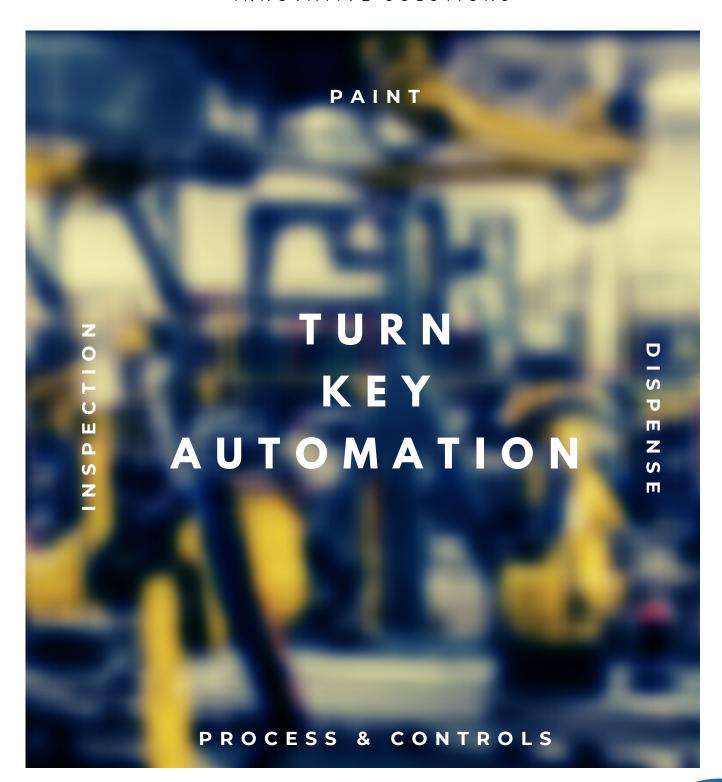
INOVISION

INNOVATIVE SOLUTIONS





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.