



Innometrics Automation  
& Controls

"We never dreamed about  
success. We worked for it"

## Corporate Overview

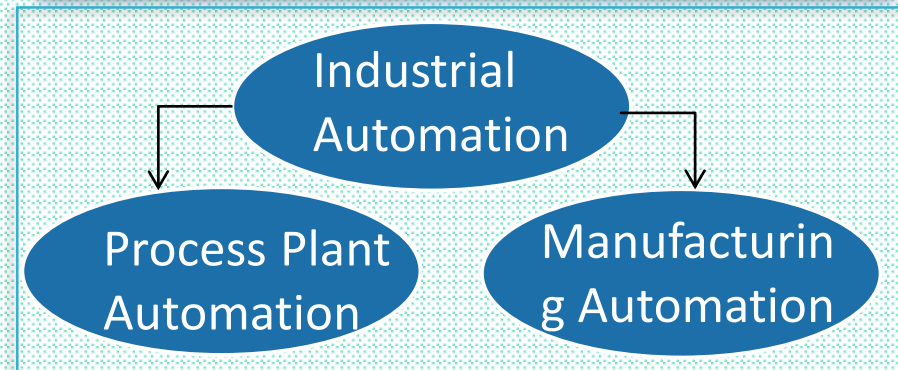
Driving Innovation | Enhancing Productivity |  
Delivering Reliability

# About Innometrics

Innometrics Automation & Controls is a leading provider of industrial automation and control solutions, dedicated to enhancing productivity, efficiency, and reliability. We deliver turnkey automation projects, customized control systems, and Industry 4.0 solutions across multiple industries.

Since its establishment in 2022 We have travelled a long way in the field of automation.

We are an emerging name as a conspicuous solution provider for Process Automation, Engineering Automation, Instrumentation, and Machine Automation.



The Industries we deals with Customised Automation



Food



Pharmaceutical



Manufacturing  
(OEM)  
BIW/NonBIW



Server  
Data  
Logging

# Vision, Mission & Value



## Vision

- To be a global leader in industrial automation by delivering cutting-edge technology and service excellence.



## Mission

- - Empower industries with smart and reliable automation solutions.
- - Enhance operational efficiency and reduce downtime.
- - Build long-term partnerships through trust, innovation, and service.



## Value

- Collaborative & Entrepreneurial spirit
- Winning through Customers
- Respect & values people
- Expectation for results
- High ethical standard , Openness & Trust



# Our Core Services

- - Application Engineering:
  - Logic, HMI & SCADA development as per customer functional design specification (FDS).
  - Submission of GA & wiring drawing for approval.
  - Design the system as per application requirements.
  - Software acceptance test.
  - Factory acceptance test.
- - PLC Migration :  
upgrade the original schematics, convert the ladder logic to the new platform and fully test the control system once installed.
- - Control Panel Design & Manufacturing
- - Robotics & Motion Control
- - Process Automation
- - System Integration
- - Maintenance & Support



## Chartering Phase

**Establish controls philosophy**

## Execution

**Design, optimize, and implement control systems integration strategy**

## Handover

**Collaborate to ensure a smooth commissioning and validation phase**

## Ongoing Operations

**Continuously manage, expand, and update control systems implementation**

# Industrial Standard We deal With

## \* Programmable Logic Controller

### \* Rockwell Automation:-

ControlLogix , CompactLogix, SLC-500 PLC 5,  
Power Flex drives, Guard Logix(Safety PLC)

### \* Mitsubishi:- MELSEC-R(IQR safety PLC), FX Series, Q Series.

### \* Omron:- Nx Series

## \* Human-Machine Interface

### \* Rockwell Automation:-

Factory Talk View SE/ ME, PanelView

### \* Mitsubishi:- GT Series Panel.

### \* Keyence:- VT3,VT5 Series Panel

## \* Robot controller interfacing with PLC

- ABB
- FANUC
- KUKA
- Motoman
- Nachi
- Kawasaki
- Yaskawa

## \* Protocols used for third party interface

CC-link,CC-link IE,Ethernet,Devicenet,RS232,RS485,Profibus





# Why you choose us

- - Expert Team with multi-domain expertise
- - Turnkey Solutions from design to commissioning
- - Cutting-edge Technology integration
- - Quality & Reliability with certifications
- - Global Reach with successful projects executed worldwide



## Project Highlights



# Some Project Highlights

## • MSIL Standard & SMG Standard

- Line-RUB,Closure,MB,UB,Sidebody,Doorline

Device used-

- CPU-R series with Safety Partner,Q-series (Language-Ladder ,Function Block)
- GOT-GOT 1000,2000
- Servo-Mitshubishi(Melsec servo J4),SEW (SEWEuro drive)
- Robot-Fanuc Robot ,Kawasaki robot
- Protocol used –Cclink IE,Ethernet,Devicenet
- Application-Turn table rotation application ,Part Welding and transfer application through shuttle

## • FNA Ford Standard

- Line-RUB, Door line

Device used-

- CPU-Guardlogix with Safety Partner (Language-Ladder ,Function Block)
- GOT-Panel view component
- Servo-SEW (SEWEuro drive) ,Power flex drive
- Robot-ABB Robot ,Kawasaki robot
- Protocol used –Ethernet,Devicenet
- Application-Turn table rotation application ,Part Welding and transfer application through shuttle

## • MSIL Standard

- Line-All Assembly line

Device used-

- CPU-R series with Safety Partner, Q-series (Language-Ladder)
- GOT-GOT 1000,2000
- RFID-Omron(V600-HAM42-DRT) (V680-HMD64-ETN)
- Protocol used –Cclink IE,Ethernet,Devicenet
- Application-Pallet ID identification by RFID tag

## • Summurised View

- Welding line , Pant shop, Assembly Line project execution
- Robot interfacing ,Servo drive and other Tools integration with PLC
- Camera & RFID integration with PLC
- Sequence logic developed, process verification and cycle time optimization
- Conveyor synchronization (Drive to drive direct ,Drive to drive trough PLC)

## • MSIL Standard & SMG Standard

- Line-Assembly line,Rear axel,Engine line,IP line,Paint Shop

Device used-

- CPU-R series with Safety Partner, Q-series (Language-Ladder ,Function Block)
- GOT-GOT 1000,2000
- Servo-Mitshubishi(Melsec servo J4)
- Protocol used –Cclink IE,Ethernet,Devicenet
- Application-Rear axel and engine fitment and transfer application ,Conveyor transfer Application ,Synchronization of two conveyor Over head cv with bottom line conveyor .

## • Bellsonica Standard

- Line-Front pillar, Center pillar

Device used-

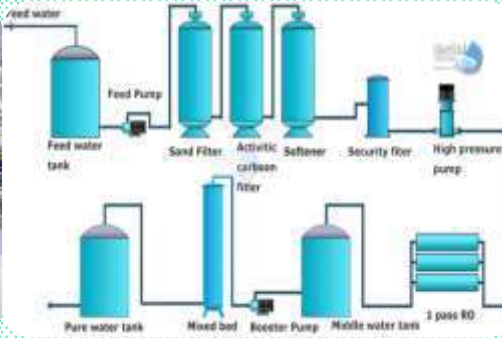
- CPU-Q series (Language-Ladder)
- GOT-Keyence VT series
- Robot-Fanuc Robot
- Protocol used –Ethernet , Device net
- Application-Child Part Welding application





# Industries We serve

- - Automotive & Manufacturing
- - Oil & Gas
- - Power & Energy
- - Food & Beverages
- - Water & Wastewater Treatment
- - Pharmaceuticals & Chemicals





# Key Customer



# Thank You



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## Contact Us

- 📞 Phone: +91-9730013049, 7503020064, 8445885779
- ✉️ Email: [sales@innometricsautomation.com](mailto:sales@innometricsautomation.com)
- 🌐 Website: [www.innometricsautomation.com](http://www.innometricsautomation.com)
- 📍 Address:  
Regd.Office -3rd floor, Shop No. 22, H.NO. 30,  
ShivMandir, Carterpuri,  
Gurugram-122001 (Haryana)  
Corporate Office-711,7<sup>th</sup> Floor ,SS Omnia Commercial  
complex,Sector 86 ,  
Gurugram-122012 (Haryana)