



WIN automation

Wipro Group

Wipro Enterprises

Wipro Infrastructure Engineering

- Hydraulics
- Aerospace
- Water Treatment
- Additive Manufacturing
- Automation Solutions

Wipro Consumer Care & Lighting

- Personal Care
- Wellness Products
- Lighting Furniture and Switches

Wipro Limited

IT Solutions and Services

- IT
- BPO
- R&D Services
- Consulting Services

Joint Ventures

Wipro Kawasaki Precision Machinery

Hydraulic Pumps and Swing Motors for Excavators

Wipro-GE Healthcare

Healthcare Equipment and Solutions

170,000+
workforce



\$21BN
market capitalization





\$9.5BN
sustained growth




Globally Connected (Wipro Enterprises)

31
manufacturing
facilities across
4
continents



 Discrete Manufacturing
 Process Manufacturing



A person wearing a grey jacket is holding a black tablet computer in a factory setting. The background is filled with industrial machinery, including conveyor belts, metal frames, and various components, all slightly out of focus. The person's hands are visible, with their index finger touching the screen. A large, semi-transparent pink circle is overlaid on the right side of the image, containing white text.

**Enabling
Factories
of the
Future**

WIN automation

End-to-end system integrator of Industrial automation solutions that enable companies in the manufacturing sector to be **automated**, **digitized** and **smart**



Engineering



Automotive



FMCG



Pharmaceuticals



Capabilities

Design

- Team of 40 engineers with expertise in
 - Process and Plant Simulation : SIEMENS – Tecnomatix
 - CAD : ProE & Catia
 - CAM : MasterCAM & Cimatron
 - Digital manufacturing : Dassault Systems – Delmia



Quality Control

- Height master & Gauges
- Welding Inspection
- Faro CMM machine
- Vision based inspection



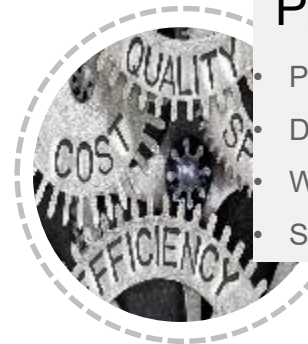
Manufacturing

- Machine shop : 3&5 axis CNC machines, with other conventional machinery
- Assembly unit aided with state of the art control engineering, inspection and trial facilities.



Project Management

- Project planning
- Daily reviews
- Weekly progress report
- Supported by SAP



Factory Automation

Maximize your plant productivity with our factory automation solutions



**Robotics
and
Welding**



**Material
Handling**



**Assembly
and
Testing**



**Cobots
and
Vision**



Robotics and Welding

Proven expertise of 18+ years | 4000+ projects executed

- 1 End-to-end robotic welding solutions for spot and arc welding (MIG and TIG)
- 2 Providing turn key solutions from part design, process design, system design, manufacturing, assembly and integration to installation, commissioning
- 3 Industries : Automotive (2 and 4 wheeler) | Off road vehicle (Truck and Tractor) | Heavy Engineering | Aerospace



Material Handling

1 Factory material flow management

Conveyors

- Roller conveyors
- Slat conveyors
- Plastic belt conveyors
- Overhead conveyors
- Lifters
- EMS loops

Storage solutions

- AS/RS
- Gantry crane
- AGV/mobile robots

Cranes

- Overhead cranes
- Jib cranes

2 Complete integrated warehouse automation

3 Industries : Automotive | Tyre | Cement | Bulk Handling



Assembly and Testing

- 1 Design and development of turn key automation solutions of assembly lines for production and performance testing
- 2 Integration expertise of existing machines in the machining cell to completely automate the cell for productivity and production enhancement with gantry and robotics solutions
- 3 Industries : Automotive | FMCG | Pharmaceutical



Cobots and Vision

(Collaborative Robots)

- 1 Advantages : Easy to program | Share workspace with humans | Light weight and space saving
- 2 Payload Capacity : 3 kg | 5 kg | 12 kg
- 3 Vision integration capability
- 4 Applications : Assembly | Machine Tending | Inspection | Dispensing | Pick and Place | Palletizing | Packaging | Polishing



Smart Factories

Simulate, Monitor, Analyze and Optimize factory operations and assets with our smart factories solutions



**Digital
Factory**



**Digital
Manufacturing**



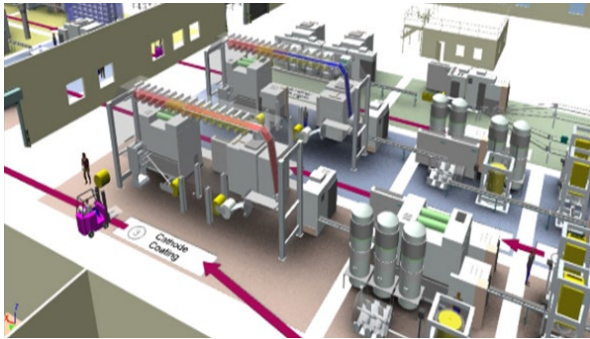
**Digital
Asset**



Smart Factories

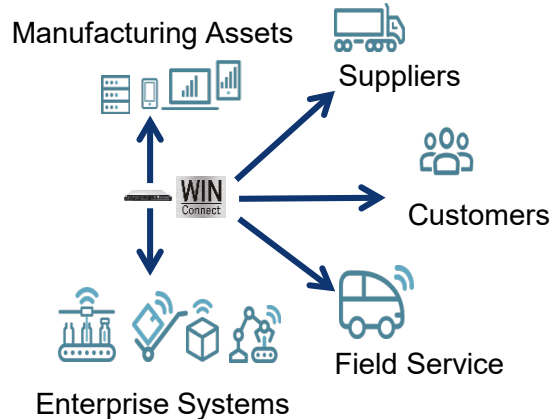
Digital Manufacturing

3D Digital Factory | Process Simulation
| Process Planning | Ergonomics
Simulation | Discrete Event Simulation
| Technical Publication



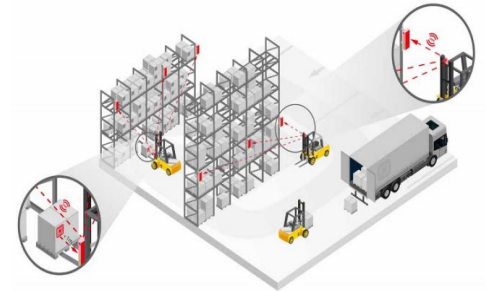
Digital Factory

OEE Monitoring | Digital quality
management | Digital Maintenance
planning | Process monitoring | Tool life
monitoring | Energy Monitoring | MES



Digital Asset

People tracking | Asset Tracking |
Tool Tracking | Inventory Tracking



Partnerships

KUKA

YASKAWA

ABB
ROBOTICS

Fronius

**Rockwell
Automation**

 **mitsubishi
ELECTRIC**

SIEMENS

 **Hanwha
Techwin**

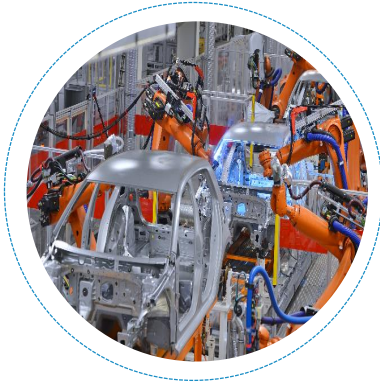
Ignition!
by inductive automation

 **ptc**

Telit

sewio

Customers



Automotive

- Adient
- Aditya Auto
- Faurecia
- Krishna Maruti
- Lear
- Lumax
- Mahindra
- Magna
- NKF
- Sandhar
- SKH
- Toyotetsu
- TKML
- TVS
- Varroc
- Yamaha



Engineering

- CNH India
- JCB
- John Deere
- MRF
- Schindler



Others

- HAL
- Whirlpool
- Wipro
Manufacturing
units

Partner with WIN Automation

Turnkey ownership

Reliability

Timeliness

Return on Investment



Values we Live by

Spirit of Wipro

Be passionate about client's success

Treat each person with respect

Be global and responsible

Unyielding integrity in everything we do





Thank
you

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