



INTELLIGENT INDUSTRIAL AUTOMATION SERVICES (IIAS)



STATE OF THE MARKET

Manufacturing plant managers need to make real-time decisions for improving plant productivity. Rising labour cost, lack of trained manpower, a general lack of awareness on safety procedures and the need to stay globally competitive, all require insights into complex processes. Mobile apps and Cloud related technologies, now combine with analytics to help make informed decisions by automating manual processes. Real-time monitoring can also address challenges related energy savings, optimum utilization of plant capacity, ensuring process reliability and compliance.

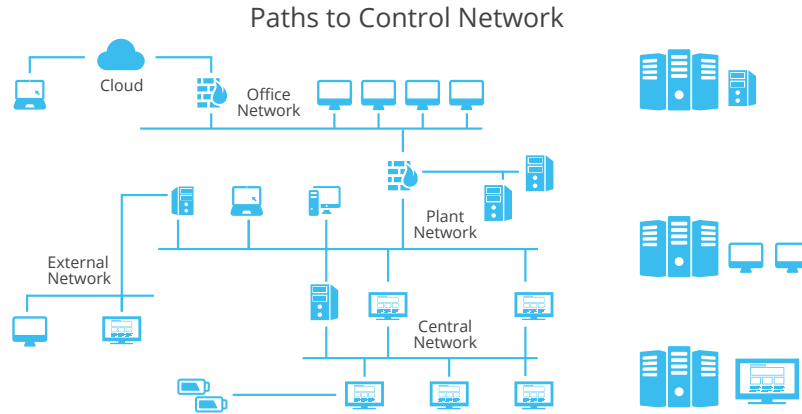
SERVICE OVERVIEW

IIAS from L&T Technology Services offers process & machine control application development offer, process optimization, equipment – machines - device integration for PLC, DCS, SCADA and MES.

Connectivity & Mobility solutions optimize workflows and reduce downtime, smart machine control with integrated analytics, touch-less manufacturing operations to minimize manual interventions, and remote monitoring of critical processes.

It also addresses automation requirements for legacy system upgrade, SCADA platform conversion, batch automation, program standardization, safety control programming and PackML implementation.

INDUSTRIAL AUTOMATION



KEY DIFFERENTIATORS

- Provides “Concept to Commissioning services” for various industrial automation needs
- Multiplatform experiences and alliances with Rockwell, GE, Siemens, Wonderware
- Expertise across automation layers (ISA-95) – L0 to L3
- State-of-the-art Smart Manufacturing lab for Proof of Concept (PoC) development
- Virtual Commissioning Tools for packing lines

BENEFITS

- Elimination of manual intervention leading to improved quality and production
- Decrease in CAPEX by integrating multi-vendor equipment
- Standardized application programs for faster troubleshooting leading to reduced downtime
- Predictive and preventive maintenance for faster decision making process

CASES



System integration of multi-vendor equipment, machines



Reduced product changeover time and minimize wastage during brand changeover for increased throughput and improved equipment utilization



Auditing, selecting, configuring Water, Air, Gas, Electricity and Steam (WAGES) meters; developing dashboards for plant WAGES KPIs for multiple plants to reduce OPEX by arresting profit leakages and enhanced asset performance

For more information visit us at www.Inttechservices.com

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About L&T Technology Services

L&T Technology Services Limited is a subsidiary of Larsen & Toubro Limited with a focus in the engineering services space, partnering with over 50 Fortune 500 companies. A leading pure-play Engineering, Research and Development services company, we offer design and development solutions through the entire product development chain, across various industries such as Industrial Products, Medical Devices, Transportation, Telecom & Hi-tech, and the Process Industry. We also offer solutions in the areas of Mechanical Engineering Services, Embedded Systems & Applications, Engineering Process Services, Product Lifecycle Management, Engineering Analytics, Power Electronics, Machine-to-Machine (M2M), and the Internet-of-Things (IoT).