

WE HAVE THE COMPLETE AUTOMATION SOLUTION

Training your way to success



TRAININGS

- ✓ INDUSTRIAL AUTOMATION
- ✓ CONTROL SYSTEM

OUR CAPABILITIES

PROJECTS



DESIGN AND ENGINEERING



SYSTEM INTEGRATION



INSTALLING AND SITE SUPPORT



COMMISSIONING

1

Requirement generation as per the client specification

2

Design and Document

3

Fabrication and Assembling

4

Erection and Commissioning

5

Breakdown and Maintainance

MANPOWER SUPPLY



SERVICE



BREAKDOWN



MAINTENANCE

AUTOMATION IN INDUSTRIES



PHARMACEUTICAL INDUSTRY



RUBBER INDUSTRY



TEXTILE INDUSTRY



METAL INDUSTRY



BUILDING MANAGEMENT SYSTEM



FOOD & BEVERAGE INDUSTRY



LEATHER INDUSTRY



ELECTRONICS INDUSTRY

AUTOMATION SYSTEM TRAINING

PLC

A Programmable Logic Controller is a type of tiny computer that can receive data through its inputs and send operating instructions through its outputs. Fundamentally, a PLC's job is to control a system's functions using the internal logic programmed into it.



SCADA

SCADA stands for Supervisory Control and Data Acquisition. It is a type of software application program for process control. SCADA is a central control system that consists of controllers network interfaces, input/output, communication equipment, and software.



AUTOMATION SYSTEM TRAINING

HMI

HMI stands for Human-Machine Interface and refers to a dashboard that enables a user to communicate with a machine, computer program or system. Technically, you could apply the term HMI to any screen that someone uses to interact with a device, but it's typically used to describe such screens used in industrial settings.



VFD

A Variable Frequency Drive (VFD) is a type of motor controller that drives an electric motor by varying the frequency and voltage of its power supply. The VFD also has the capacity to control ramp-up and ramp-down of the motor during start or stop, respectively.



AUTOMATION SYSTEM TRAINING

SERVO DRIVES

A Servo Drive is a basic element of a motion control system which also includes a servo motor, controller, and feedback element. Servo drives take a command signal for position, velocity or current and adjust the voltage and current applied to the servomotor based on closed-loop feedback.



AUTOMATION SYSTEM TRAINING



SIEMENS

SIMATIC PCS 7 is a highly scalable Process Control System with numerous topologies based on redundancy, optional hardware and software functions. For small systems where engineering or operation tasks are carried out by only one user the single-user architecture of PCS 7 offers a cost-effective solution.

ABB

ABB 800xA have replaced the Electrical SCADA, Electrical Control System, Safety System, PLC HMI, DCS HMIs with one system that creates a seamless plant operation environment. ABB's Extended Automation System 800xA provides the functionality of these systems built-in, this reduces the total cost of ownership and creates an unparalleled plant operation environments.



EMERSON DELTAV

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Honeywell

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DOMESTIC & INTERNATIONAL CLIENTS ON PROJECT INTEGRATION SERVICES

INFERCON has been offering its various services on DCS, SIS, ESD, FGS, PLC, HMI, SCADA, Field Instruments, Wireless Field Instruments, and Process Controls with a team of industry experts of rich experience. The expert team had worked on several projects in the USA, the Middle-East, and the African countries helping several Large Enterprises, System Integrators, EPC's & OEM's, and Process Consultants in the world.

Distributed control systems (DCS) are dedicated systems used in processes that are continuous or batch-oriented.

Processes where a DCS might be used include

Chemical plants

Metallurgical process plants

Petrochemical (oil) and refineries

Pharmaceutical manufacturing

Pulp and paper mills

Sugar refining plants

Nuclear power plants

Agriculture applications

Environmental control systems

Sewage treatment plants

Water management systems

Food and food processing

Water treatment plants

Agrochemical and fertilizer

Automobile manufacturing

Metal and mines



Project Services

- Project Management
- Lead Automation Contractor
- Start-up & Commissioning



Engineered Services

- Front-End Engineering
- Analytical and CEMS Engineering
- Engineered Skid Solution
- Reliability Engineering



Staffing Services

- Project-based Support
- Long-Term Contracting
- Emergency breakdown

OUR CLIENTS





**We provide the customized solution for critical applications
to improve the productivity and process optimization by
Increasing the production speed and reducing the error
parameter with reduction of manpower.**

Registered Office



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OUR WEBSITES



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