



VISHWA

AUTOMATION AND CONTROL SOLUTIONS



COMPANY PROFILE



About Us

- Vishwa Automation and Control Solutions have 10 Year Experience in Industrial Automation Field.
- We have expertise in Machinery Automation, Process Automation, Application based turnkey Solutions to satisfy customer Requirements.
- We have prominent Presence in various Industries like Chemical, Pharmaceutical, Power Plant, Water Treatment Plant, Fertilizer, Metal, Agro chemical, Cement and textile.
- Our Business Area covers Consultancy, Design, Engineering, Manufacturing, Installation and commissioning of Automation and Electrical Projects.
- We do instruments Installation, Erection and commissioning, EPC Projects, Fabrication Work in Industrial Works.
- We also repair all kind industrial Automation products like PLC, HMI, VFD, DCS Card, SMPS Power Supply and Any kind of Electronics component based PCB Cards.
- We served after Sales Support in PAN India and Globally Support.

Industry Served

Pharmaceutical Industry

- ❖ Water generation System(MGF,UF,RO)
- ❖ Water Storage and Distribution System
- ❖ Pure Steam Generator
- ❖ Multicolumn Distillation Plant
- ❖ Clean in Phase(CIP) System
- ❖ Sterilization in Place(SIP)System
- ❖ Fluid Bed Dryer
- ❖ Centrifuge Automation
- ❖ Reactor Automation
- ❖ Vaccine Manufacturing Plant
- ❖ Injectable Manufacturing Plant
- ❖ Temperature Recording system

Other Industries

- ❖ Power Plant
- ❖ Cement Plant Manufacturer
- ❖ Boiler Manufacturer
- ❖ Bottle Making Equipment
- ❖ Material Handling Equipment
- ❖ Plastic Machinery
- ❖ Pulp and paper Plant
- ❖ Petrochemical Plants
- ❖ Minerals and mining Industries

Textile Plants/Machinery

- ❖ Stenter Automation
- ❖ Jigger Automation
- ❖ Bleaching Machine
- ❖ Dyeing Machine
- ❖ Rope Opener
- ❖ Technical Textile Plant, Coater
- ❖ Slub Attachment on Ring Frame for Fancy yarn
- ❖ Central Monitoring System for Yarn Extruders

Chemical Plant

- ❖ Nitration Plant
- ❖ Solvent Recovery Plant
- ❖ Effluent treatment Plant
- ❖ Reactor Automation

Food and Beverages

- ❖ Sugar Plant
- ❖ Fertilizer Plant
- ❖ Dairy Machinery

Our Offerings

- Automation solutions
- Industrial Automation
- Customized Panel Building
- Trading Industrial automation products in various ranges like PLC, DCS, SCADA, HMI, AC/DC Drives, Safety relays & many more safety Products.
- Electrical products in various ranges like Switchgear, Motor, Pump, Cable & wires ,Conduit Pipes and Fittings.
- Fire Alarm Systems
- Process Instruments
- Security Systems
- Turnkey solutions
- GIC and UL Products
- Automation and Electrical Panel AMC Contract





Business Strategy

- Core Competence in PLC,DCS,HMI, SCADA & drives with customization solution to customer.
- Customer satisfaction-central to everything we do
- Panel Design as per customer requirement.
- Dedicated Team of engineers for sales and after sales services.
- PAN India and glob customer Service Support.

Our Product Range

ABB DCS 800xA

DCS Automation systems are scalable and come in various safety and availability levels, ranging from the economical standard solution for small and medium size plants, to redundant systems for large production plants.

- ❖ Flexible
- ❖ Robust
- ❖ Cost-Optimized
- ❖ Compatible
- ❖ Fit for the Future



- The new release of System 800xA brings major value to capital projects with more flexible and efficient engineering and an enhanced scalability of the system.
- System 800xA provides significant innovations to the entire system architecture and introduces key technologies that shorten project execution time, facilitate late changes and enhance the scalability of the system bringing substantial value to capital projects.

ABB SCADA System

- A scalable PC based SCADA system for real-time operation of your plant.
- Based on the premium technology of ABB's System 800xA DCS with its leading object



oriented engineering platform, it can be used in a variety of diverse industries, ranging from a single operator workstation, 50 signals and scale up to applications with several thousand signals and workplaces.

Our Product Range

ABB PLC/HMI

ABB PLC AC500 Eco Series

The AC500-eCo from ABB is a range of scalable PLCs offering cost effectiveness for modern industrial automation applications where small flexible PLC solutions often represent the ideal solution..

- ❖ The AC500-eCo is approved for customer use by accredited certification organizations around the world. This means the entire range can be deployed safely, reliably and globally.



ABB PLC AC500 and S500 Safety ABB make HMI and VFD

- ❖ With the AC500 PLC range we provide a reliable and powerful platform to design and create scalable, cost-effective and flexible automation solutions.
- ❖ The scalability of the AC500 PLCs is achieved by offering a large variety of devices to design and implement configurations suitable for simple control tasks or complex automation solutions.
- ❖ HMI CP400 Series
- ❖ HMI CP500 Series
- ❖ HMI CP600 Series
- ❖ Panel 800 Series
- ❖ ABB Drive ACS350
- ❖ ABB Drive ACS310
- ❖ ABB Drive ACS560
- ❖ ABB Drive ACS580
- ❖ ABB Drive ACS850
- ❖ ABB Drive ACS880



Our Product Range

Siemens PLC,HMI and Drive

- ❖ SIMATIC basic controller S7-1200
- ❖ SIMATIC Advanced controller S7-300,S7-1500,S7-400.
- ❖ SIMATIC distributed controllers ET 200
- ❖ SIMATIC Software controllers WinAC RTX(F)
- ❖ SIMATIC HMI
- ❖ SIMATIC Drives
- ❖ Siemens Switchgear



Schneider PLC & HMI Systems

- ❖ Modicon M340 : Mid Range PLC for Industrial Process and Infrastructure.
- ❖ Modicon Premium large PLC for Discrete or Process applications and high availability solutions.
- ❖ Modicon M580-ePac Controller : Ethernet Programmable Automation Controller for Process and high availability solutions.
- ❖ Unity Pro : IEC programming Software for Modicon PACs.
- ❖ Modicon X80I/O's : The Common platform
- ❖ Schneider HMI
- ❖ Schneider VFD
- ❖ Schneider Switchgear



Industry Served

USFDA 21CFR PART 11 COMPLIANCE

- ❖ Security Management
- ❖ User Management
- ❖ Password Configuration
- ❖ Audit Trail
- ❖ SQL database Restore and Database Backup
- ❖ Alarms
- ❖ Reports and Trends
- ❖ Doing Documents like FDS,DQ,IQ and OQ



REPAIRING

- ❖ We repair all kind of electronics Instruments, of any make at component level. All brand AC Drives, Soft Starter, DC Drive, HMI, PLC, DCS, CPU DI/DO Cards, Analog Input/ Analog Output Cards.
- ❖ Repairing advisable if repairing cost is 30-35% of new equipment.



ERECTION, INSTALLATION & COMMISSIONING

- ❖ We take all kind of Erection, Installation & Commissioning work. We have good and well knowledgeable team who do this kind of work.
- ❖ We do all kind of Electrical & Instrumentation Work.
- ❖ We do all kind of Calibration of various types of Field instrument and Vales.
- ❖ We do cable tray laying and installation work.



Our Product Range

PROCESS INSTRUMENTS

- ❖ We can provide various type of controllers , Indicator, Gauges, Switches, Digital and Analog Transmitters, Flow Meters, Valves and Actuators.
- ❖ Siemens, ABB, Honeywell, Omron we provide wide range of Products.
- ❖ Pressure Indicating Controller
- ❖ Temperature Indicating Controller
- ❖ Level Indicating Controller
- ❖ Flow Indicating Controller
- ❖ Pneumatic Products
- ❖ Sensors & Switches
- ❖ Combustion Control products



OTHER PRODUCTS AND MAKE

- ❖ Allen Bradley PLC/HMI System and Service
- ❖ Mitsubishi PLC/HMI System and Service
- ❖ Omron Products
- ❖ Delta PLC,HMI and Drive Product
- ❖ Yaskawa Drives
- ❖ VIPA Connector
- ❖ Cables and Wire
- ❖ Conduit Pipes and Fittings
- ❖ PID Controllers
- ❖ Temperature Controller
- ❖ CCTV Camera and Security systems

Control Panels

PLC and DRIVES CONTROL PANEL

We are engaged in Presenting wide gamut of PLC & Drive control Panels that are highly acclaimed in the market for their quality features like low power consumption, stability, higher output and compact design. These panels are made by our competent professionals by using superior grade raw material and as per the international quality standards. Besides, These panels find wide application in various industries and we are capable of higher output and less power consumption.



MCC PANEL

We specialize in providing different types of motor control center (MCC) Panels that are highly appreciated in the electrical industry. These panels are manufactured using high grade raw material and therefore, exhibit high and Features. Moreover, these panels are compartmentalized/Non Compartmentalized type panels with ACB/MCCB, SFU & DOL.



Following are some of the specifications of these products:

- ❖ ATS or Star Delta Starters
- ❖ Fully Draw out Type (Incomer and outgoing Feeders)/Non-Draw Out type
- ❖ Single/Double front Operated

- ❖ PCC Panel
- ❖ APFC Panel
- ❖ PDB Panel
- ❖ APFC Panel
- ❖ IMCC Panel
- ❖ Remote I/O Panel
- ❖ Console for System
- ❖ FLP Panel

Prefer Make to supply Products



SIEMENS

Ingenuity for life

**Rockwell
Automation**

AB *Allen-Bradley*
QUALITY

Schneider
Electric

 **MITSUBISHI
ELECTRIC**



FANUC

SICK

Sensor Intelligence.

OMRON

Honeywell

 **POLYCAB**
Connection Zindagi Ka

NOVUS[®]

YOKOGAWA 

SELEC[®]
Creating Best Value

 **DELTA**



Top Customer



Innovate • Integrate • Deliver





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