



AS AUTOMATION & ENGG SERVICES PVT. LTD.



www.asautomation.in

Main Verticals of AS Automation & Engineering Services

- ✓ Control & Automation
- ✓ Electrical (MCC & PCC)
- ✓ Engineering & Consulting Services
- ✓ Instrumentation
- ✓ EIA Trading

About us

AS AUTOMATION & ENGINEERING SERVICES PRIVATE LIMITED is established with an objective to provide complete turnkey solutions from design, engineering, development, testing to successful commissioning of plant with quality maintenance services at all the time. Using the effective and efficient combination of PLC, DCS, SCADA, HMI, VFD, and other Industrial Automation products, we offer a wide range of services and solutions for Pharma, Cement, Printing & Packaging, Paper, Automobile, Steel, Water Treatment, Effluent/Sewage Treatment, Oil & Gas, Food & Beverages, Dairy, Building technologies, Power Generation and Power Distribution, Infrastructure etc. We have successfully delivered solutions to our clients.

Our objective is to provide complete turnkey solutions from design to successful commissioning of the plant with quality services at all the time complying with the highest specification and standards.

AS AUTOMATION is Industrial Automation provider with expertise in Programmable Logic Controllers (PLC), Drives (VFD), and Human Machine Interfaces (HMI) as well as Supervisory Control And Data Acquisition (SCADA) products. We are vendor-neutral industrial engineering and automation solution provider. Major brands of automation products are

- | | |
|----------------------------|--------------|
| ✓ Siemens | ✓ ABB |
| ✓ Allen Bradley – Rockwell | ✓ Mitsubishi |
| ✓ Delta | ✓ Schneider |

Whether you plan to modify, upgrade, troubleshoot your automation installation or you have a completely new requirement, we can provide you with seamless support from product selection to basic engineering, software development, commissioning and post commissioning support.

We work closely with our customers to arrive at an optimum migration solution based on their need and budget. We provide complete range of Services for PLC, HMI, SCADA and Drives based Automation Systems.

We are also offering Electrical MCC & PCC panels and other design & development of Electrical layouts etc. In the Field of Instrumentation we are offering different services like PID control systems, selection, scheduling & design of various process Instruments. Supply, installation & commissioning of all types of Instruments of varied make & models.

At AS Automation, we are also offering various Engineering & consultation services like Basic Design, Detailed Engineering, Consulting & specification management, Field Engineering, Cable scheduling, Erection & commissioning of complete Field Activities.

Our Team

We have a team of professionally rich employees who are dedicated towards their work. Their expertise in efficiently handling the varied processes involved ensures that our clients get best service and top quality process control equipment. Our company is managed by highly proficient & experienced engineers. The loyalty and dedication of our team, is our single greatest asset. Our motivated team believes in teamwork and works on a singular goal of providing complete satisfaction to our clients through our ethical policies.



Vision & Mission

AS AUTOMATION & ENGINEERING SERVICES PRIVATE LIMITED is a Hyderabad based company working towards excellence in the consulting space, and believe in pursuing business through innovation and technology. Our team comes with several years of industry experience, and comprise of a highly motivated set of specialists & industry experts. Our goal is to be a leader in the industry by providing enhanced products, services, relationship and profitability.

Our vision is to provide quality products & services that exceeds the expectations of our esteemed customers. We firmly believe that our customers are the reason for our existence, and greatly respect the trust that they place in us.

We grow through creativity and innovation. We integrate honesty, integrity and business ethics into all aspects of our business functioning. Our mission is to build long term relationships with our customers. We strive towards delighting our customers at every opportunity through exceptional customer service. Our future looks bright as we continue developing a strong base of key customers and increasing the assets and investments of the company.

Control & Automation

The Control & Automation business of "AS Automation & Engg Services Pvt Ltd." Offers the following services.

- ✓ Design & Development of Automation layouts.
- ✓ Creation of P & ID.
- ✓ Selection of PLCs, Drives and DCS components.
- ✓ Development of SCADA, HMI & Building of Cabinets.
- ✓ Supply, Commissioning, Operation & Maintenance of Control System.



Instrumentation

The Instrumentation business of "AS Automation & Engg Services Pvt Ltd." Offers the following Supply & services.

- ✓ Supply of Temperature, Pressure, Level & Flow Transmitters.
- ✓ All types of Sensors & Encoders.
- ✓ PID control systems analysis.
- ✓ PID schedules and Design.
- ✓ Instrumentation Engineering.
- ✓ Calibration & Pre-Adjustment.
- ✓ Supply of all types of other Instruments.Process Solutions.

Engineering Services

- ✓ Consulting and Specification management
- ✓ Annual maintenance Contract
- ✓ Basic design and detailed engineering
- ✓ Control panels design and construction
- ✓ Start - Up support
- ✓ Field Engineering & Cable scheduling
- ✓ Erection & Commissioning of Complete Field Activities

Electrical

The Electrical business of "AS Automation & Engg Services Pvt Ltd." Offers the following services.

- ✓ Design and development of Electrical layouts.
- ✓ Creation of SLD.
- ✓ Panel Designing.
- ✓ MCC & PCC Panels construction.

We specialize in design and construction of Electrical Panels for low Voltage applications (up to 440V) with our enclosures. Our quality assurance includes Flash testing for every finished product and complete documentation in CAD drawings.

Our major objectives are reliability, compactness and low maintenance.

EIA Trading

We are involved in all sort Trading related to Electrical, Instrumentation & Automation products.

We have tie-up with majority manufacturing units and can afford to give at a better price than competitors.



Authorised Partners

AS Automation offers integrated solution using innovative technologies including a self sustained positions in industrial process and building automation. AS Automation is a leading engineering house engaged in providing a comprehensive range of EIA products and services like premium quality Programmable Logic Controller (PLC), Drives (VFD), Human Machine Interface (HMI) as well as Supervisory Control And Data Acquisition (SCADA) Products, Electrical control panels, Instrumentation products with association of our principal manufacturers. AS Automation is playing key role by networking with below mentioned automation partners by bringing world class products and services to our customer door steps.



Delta Products

Programable Logic Controller(PLC)

Hot Swappable Mid-range PLC - AH Series

- ✓ AH Series Standard CPU
- ✓ AH Series Motion CPU
- ✓ AH Series Expansion Module



Compact Modular Mid-range PLC-AS series

- ✓ Compact Modular Mid-range PLC
- ✓ AS Series Expansion Module



DVP Series Standered CPU

- ✓ DVP - EH3 Series
- ✓ DVP - ES2/EX2 Series
- ✓ DVP - EC3 Series
- ✓ DVP - SV2 PLC
- ✓ DVP - SX2 PLC
- ✓ DVP - SS2 PLC
- ✓ DVP - Slim Expansion Module
- ✓ WPLSoft Programming Software
- ✓ ISPSoft Programming Software



Servo Motion System

- ✓ ASDA - A2
- ✓ ASDA - B2
- ✓ ASDA - M
- ✓ ASDA - A2R
- ✓ ASDA - S



Human Machine Interface (HMI)

- ✓ Widescreen Ethernet HMI
- ✓ Large - Size HMI
- ✓ Widescreen HMI
- ✓ Standard HMI
- ✓ Widescreen Handheld HMI















AC/DC Drives(VFD)

- ✓ C2000 Series
- ✓ CP2000 Series
- ✓ CH2000 Series
- ✓ C200 Series
- ✓ VFD - E/EL Series
- ✓ All series



Masibus Products

Data Acquisition and Protection	Controller	Indicators	Signal conditioners
Scanners <ul style="list-style-type: none"> Multi-channel scanners Enhanced multichannel scanners Data monitoring for solar Intelligent I/O's Data concentrator Data Loggers <ul style="list-style-type: none"> 128-Channel Logger /DAQ Module 8040 	<ul style="list-style-type: none"> Auto Manual Station Digital Process Controllers Explosion Proof Controllers Flame Proof Controllers PID Controllers Specialised Controllers Temperature Controllers Single Display On/Off Controller 5006RN 	<ul style="list-style-type: none"> Bar Graph Indicators Digital Panel Meters Flow Totalisers Large Display Indicators Loop Powered Indicators 	<ul style="list-style-type: none"> Analog Interface Cards Digital Interface Cards Field Interface Boards Isolators 
Transmitters	Vibration Monitoring	IR Sensors & Pyrometers	Wireless Process Instruments
<ul style="list-style-type: none"> Electrical Transmitter Humidity Transmitters Temperature Transmitter Universal Transmitter 	<ul style="list-style-type: none"> Vibration Transmitters Vibration Switch Multi channel vibration Monitor. Vibration Meter RPM Indicator Vibration sensors Portable Vibration Monitoring 	<ul style="list-style-type: none"> Williamson Flare Monitor Williamson IR Pyrometer PRO Series - Dual & Multi Wavelength Williamson IR Pyrometer PRO Series - Single wavelength Williamson IR Pyrometers Silver Series 	<ul style="list-style-type: none"> Wireless Receiver/logger Wireless Master clock Wireless slave clock 
Calibrator	Power Monitoring	Event & Fault Recording	Time Synchronisation
<ul style="list-style-type: none"> Beamex Series Calibrators Masibus Series Calibrators 	<ul style="list-style-type: none"> AC Transducer Multi Function Transducer VAF indicators Multi-Function Meter 	<ul style="list-style-type: none"> Fault Recording Sequential Event Recorders 	<ul style="list-style-type: none"> GPS Time Sync Clocks Time Distribution Cum Splitter 

Process & Control Instrumentation Products

Measurement Instrumentation Products	Actuators, Valves & Regulator Products	Pneumatics & Solenoids Products
<ul style="list-style-type: none"> Pressure Flow Measurement Level Measurement Temperature Measurement Tank Gauging System Density & Viscosity Measurement 	<ul style="list-style-type: none"> Control Valves Pressure and Safety Relief Valves Solenoid Valves Regulators Actuators Controllers & Instruments 	<ul style="list-style-type: none"> Solenoid Valves Pneumatic Valves Cylinders & Actuators 

UL Group Products

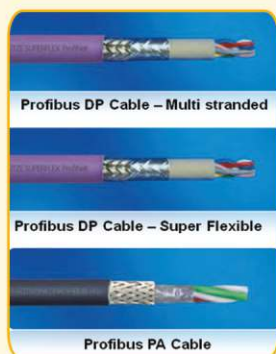
Lutze Make

- ✓ Diode Module
- ✓ DC - DC Converter
- ✓ Load Monitoring
- ✓ SMPS - Single And Three Phase
- ✓ Signal Converters
- ✓ Micro Compact Solid State Relay
- ✓ Relay Module
- ✓ Relay For DC Loads
- ✓ UPS Battery Management
- ✓ Crimping Tools



Profibus Details

- ✓ 1 Channel RS485 Profibus Repeater
- ✓ 2 Channel RS 485 Profibus Repeater
- ✓ Profinet 1000 Mbps IP 20 Connector
- ✓ Profibus Cable
- ✓ Profinet Cable
- ✓ Signal Chip For Profibus
- ✓ Profinet I/O Serial Gateway
- ✓ Profibus master - Ethernet/IP Adaptor Slave
- ✓ Profibus Master - CAN open slave
- ✓ Ethernet/IP Adaptor Slave- Profibus Slave
- ✓ Redundancy Link Module For Profibus DP/FMS
- ✓ Profibus Dp Active Terminator
- ✓ Analog Input/Output Modules
- ✓ Real Time Ethernet Communication
- ✓ Controller
- ✓ Antennas for GSM Modules
- ✓ Antennas for NET Link WLAN and vi Blu
- ✓ Any Bus Communication
- ✓ X - gateway™ Modbus - TCP
- ✓ M12 B Type T - Splitter Connector
- ✓ ProfiHub B2+R - 3 Segment Profibus
- ✓ DP Repeater
- ✓ Bar graph indicator
- ✓ Profibus Coupler/Repeater
- ✓ CAN Bridge, Connecting CAN networks
- ✓ Profibus Trouble Shooting Kit
- ✓ Diagnostic Tool For Profibus And Field Bus
- ✓ Distributed Profibus Interface, PAS 153
- ✓ Profibus DP - DP coupler
- ✓ Elesta Relay
- ✓ ERTEC 200 - Profinet ASIC With 2 Port Switch
- ✓ ERTEC 400 - Profinet ASIC With 4 Port Switch
- ✓ Industrial 5 - Port Mini Type Unmanaged Ethernet Switch With 5X10/100BASE - T(X)
- ✓ Profibus Fault Generator
- ✓ Foundation Fieldbus Cable
- ✓ Fieldbus Network Link : Ethernet / PROFIBUS Gateway
- ✓ FLEXtra twin Repeater, PROFIBUS Repeater
- ✓ Foundation Field Bus Diagnostics Module
- ✓ Gateways for HART & FF
- ✓ Handheld Profinet Cable Tester
- ✓ HART - Modbus Gateway
- ✓ HART to Profibus DP Gateway



Profibus PA Cable

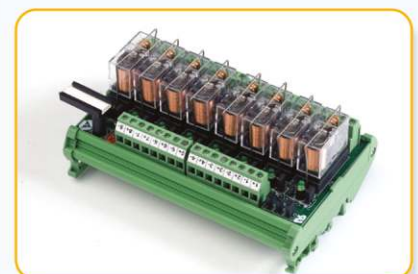


Stego

- ✓ Modbus to FF built - in Module, T611
- ✓ Profibus - DP Serial Gateway
- ✓ Modbus TCP Master/Slave - Profibus Slave
- ✓ MPI - Programming Adapter USB
- ✓ OPC Server for ProfiTrace (software only)
- ✓ Bus Connector for Profibus, 90°
- ✓ Profibus Active Terminator T1
- ✓ Profibus Analysis & Test Tools - Net TEST II
- ✓ Profibus Cable for DP Network - Multi-standard
- ✓ Profibus Connectors - H
- ✓ Profibus Connectors - P
- ✓ Profibus Display - Module (DM 6)
- ✓ Profibus DP Master Redundancy Switch
- ✓ Profibus DP Training Device
- ✓ Profibus Interface Card
- ✓ Profibus optical Hub

Relpol Products

- ✓ Interface relays
- ✓ Industrial relays
- ✓ Time Relays
- ✓ Industrial relays for solar system
- ✓ Solid state relays
- ✓ Programmable relays



AS AUTOMATION SOLUTIONS

AS Automation & Engineering Services offers following solutions to the customer in following sectors

Pharma Industries

- ✓ Solvents Dispensing System
- ✓ WFI Generations & Distributions
- ✓ Automation System Validations
- ✓ 21 CFR Part 11 SCADA Solutions
- ✓ Citect SCADA
- ✓ SCADA, Integration with existing PLC's
- ✓ Documentations (21CFR Part 11)
- ✓ HVAC Solutions



Food & Beverages

- Raw Material Processing ✓
- Packaging Machine Automation ✓
- Brewing Process Automation ✓
- Filling & Conveing System ✓

Cement Industry

- ✓ Raw Material Handling System
- ✓ Crushing plant Automation
- ✓ Raw Mill Automation
- ✓ Kiln Automation
- ✓ Cement Mill Automation
- ✓ Packaging and Bag Filter Automation
- Cement and Building Material Automation



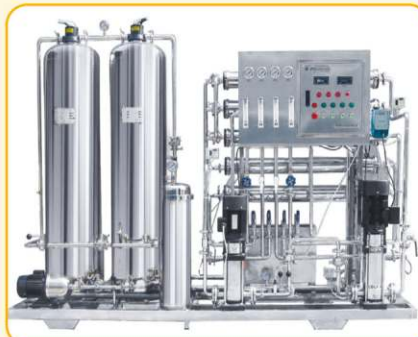
Metals & Mineral Industry

- Steel ✓
- Coal ✓
- Mining Automation ✓



Energy and Power Sector

- ✓ Generation
- ✓ Power Management Systems
- ✓ Substation Automation
- ✓ PCC
- ✓ MCC
- ✓ EMS



Water & Waste Water

- RO Plants ✓
- Waste Water Treatment(WWTP) ✓
- Sewerage Treatment Plant(STP) ✓
- DM water plant(DMWT) ✓
- Lift Stations ✓
- Pumping Stations ✓



WE DEAL IN

SIEMENS

**Rockwell
Automation**
Allen-Bradley

DELTA

masibus®
Advanced Automation - Sure Solutions



ABB

**MITSUBISHI
ELECTRIC**

**Schneider
Electric**



UL GROUP
Nothing's Complex

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