



R. M. AUTOMATION
Control & Measuring Solutions

AUTOMATION %
AUTOMATION
INDUSTRIAL
PLC
DCS UNITS
TURNKEY PROJECTS BATCH
SCADA MEASUREMENT
PARAMETERS CONTROL
MONITORING
MODBUS
WIRELESS
MEASUREMENT DCS
SCADA WIRELESS
RADAR
WIRELESS
WIRELESS %
INDUSTRY 4.0
QUALITY SOLUTIONS PLC
LEVEL
FLOW
TEMPERATURE PRESSURE
WIRELESS
TEXTILE
MONITORING PRESSURE SOLUTIONS
KG/HR
CHEMICALS
CHEMICALS
KG/HR
HART MONITORING
TEMPERATURE WIRELESS
SENSORS

COMPANY PROFILE

Established in the year 2014, we, “R. M. Automation”, are a noted organization engaged in providing complete automation solution. As per Clients need whether it's only measurements, control or complete package system. The offered array comprises Temperature Instruments, Flow Instruments, Orifice Assembly, Control Valves, Pressure Gauges, Transmitters, Rotameter. We undertake Turnkey Projects and provide Engineering Consultancy Services for all your automation requirements. These services are known for their reliability, flexibility and timely execution.

We have hired a team qualified professionals who hold expertise in this domain. These professionals very well understand the fact that the aim of our organization depend on the satisfaction of customers.

We provide the best suitable & reliable technology to our valuable customers. The demand of offered services are increases, owing to their various features as timely delivery, flexibility, reliability, tailor made nature, hassle free and personalized approach. Offered services are required in Chemical, Petrochemical, Pharmaceutical Industries, Agrochemical, Power, Textile, Gas, Pulp & Paper Industries, Engineering and many more.

OUR SERVICES

- Instrumentation Turnkey Projects.
- Sales, Service and Commissioning of Field Instruments.
- Design, Development and Supply of PLC-SCADA and DCS Based System
- Instrumentation hardware installation services
- Supply of skilled manpower.



OUR EXPERIENCE

We understand your business. Our professional experienced team of technical sales representatives, engineers, and management will help customize a solution that fits your company's needs. From consulting, configuration, and implementation, our team will ensure that your goals are met and your expectations are exceeded.

OUR MISSION

R. M. Automation is to continually exceed our customer's expectations by serving them appropriate quality products, Solution service very timely. To take a long and successful stride in highly challenging and competitive market scenario. We have engaged ourselves in good policies which are enlisted below.

- 100 % customer satisfaction by delivering high end quality products.
- 100 % compliance of delivering products and services as per schedule.
- Follow fair and ethical Business Policy.
- A high end economical solution with competitive prices.
- Adherence to all Indian and International Standard.



TURNKEY INSTRUMENTATION PROJECTS

We provide the Turnkey Instrumentation Projects for our client with following features as follow:

- Design details engineering
- Testing & Commissioning
- Supply of control system like DCS, PLC, SCADA System.
- Supply of Field instruments like Flow, Pressure, Level, Controllers, Panels, Control Valves & other local measuring instruments.
- Calibration, Erection & Installation at site.
- Supply of Erection hardware, like Cable Trays, SS & Copper tubes, Air Heade, Junction Boxes and other Instruments hardware.
- Installation service include Cable Tray Erecting, Cabling, Glanding, Ferruling Work, Hot & Cold Loop Checking.
- Testing, Calibration, Commissioning, Training and Handover of entire system along with documentation.



INDUSTRY WE SUPPORT



Power



Chemicals & Agrochemical



Gas & Petrochemical



Fertilizer, Pharma



Textile, Pulp & Paper
Industries



Engineering

DCS & PLC-SCADA SOLUTION

With over decade long experience in the field of Automation RMA has become well-known name in South Gujarat Region for providing robust solution in sales and service of DCS as well As PLC, SCADA system for various Chemical, Speciality Chemicals and Pharma Industries for their new as well as existing project. With the help dedicated inhouse team of Designing, Development RMA has become leading and reliable name for providing complete solution for DCS as well as PLC, SCADA system with customized approach.

| | | |
|---|--|---|
| <p>Design & Documentation</p> <ul style="list-style-type: none"> • System Design • Network Architecture Design. • Project Documentation • Software Template Design • As-built Documentation | <p>Programming & Development</p> <ul style="list-style-type: none"> • PLC Programming • SCADA / HMI Development • DCS Programming • Batch Programming • Historian Configuration • MIS Reporting | <p>Migration & Upgrade</p> <ul style="list-style-type: none"> • Upgradation of PLC, SCADA, DCS, RIO • Migration of PLC, SCADA, DCS, RTUs • System Simulation • Integrated Testing • Reverse Engineering |
| <p>Testing & Validation</p> <ul style="list-style-type: none"> • Remote Integrated Testing • Factory Acceptance Test • Site Acceptance Test | <p>Commissioning & Support</p> <ul style="list-style-type: none"> • Remote Commissioning • Installation & Supervision • Onsite Commissioning • Operator Training | <p>After Sales Support</p> <ul style="list-style-type: none"> • Non Comprehensive AMC Support & Software Upgradation Service. |

PLC-SCADA Solutions Partner



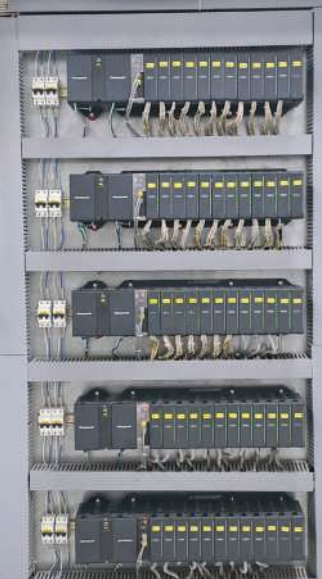
DCS Solutions Partner



YOKOGAWA



PROJECT IMAGE GALLERY

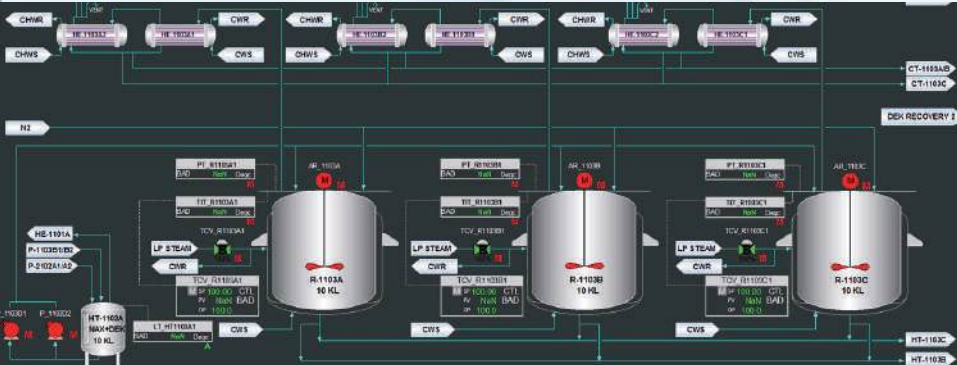


PROJECT IMAGE GALLERY

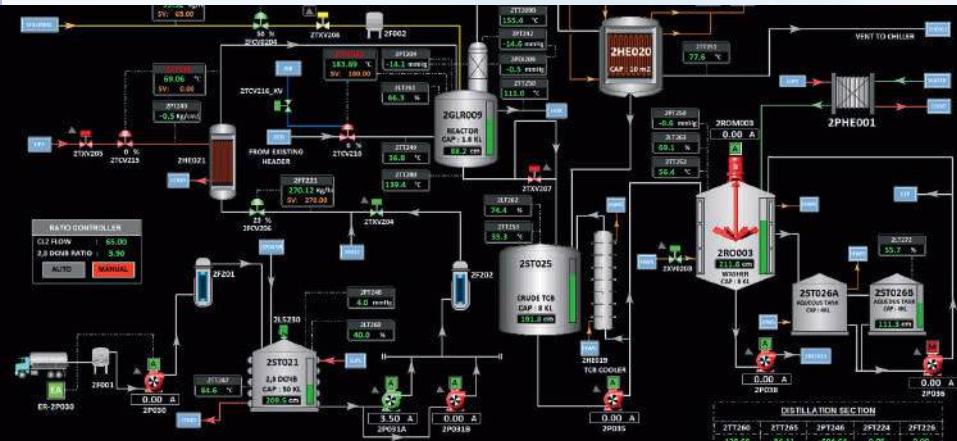


PROJECT IMAGE GALLERY

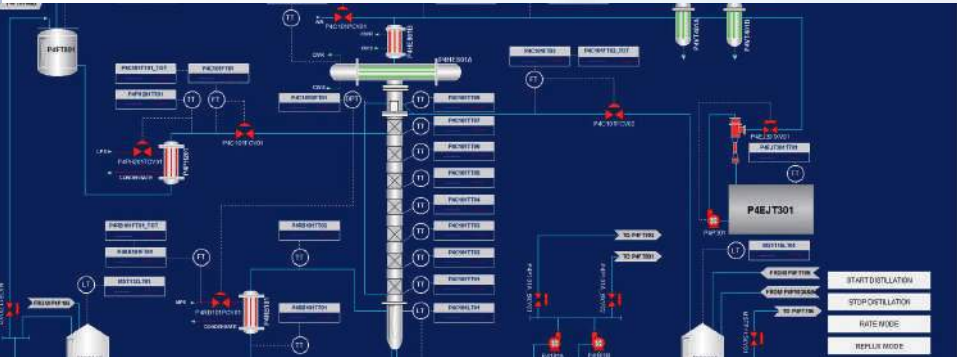
BATCH HYDROGENATION



BATCH REACTOR



DISTILLATION



PRODUCTS OVERVIEW



YOKOGAWA

PRESSURE / LEVEL / TEMPERATURE / MEASUREMENTS

- Gauge and Absolute Pressure Transmitter
- Diaphragm Seal Pressure Transmitter
- Remote Capillary Type Diaphragm Seal PT
- Differential Pressure Transmitter
- Smart Temperature Transmitter
- Head Mount Temperature Transmitter



FLOW MEASUREMENTS

- Coriolis Type Mass Flow Meter
- Electro-Magnetic Flow Meter
- Vortex Flow Meter
- Metal Tube Rota-Transmitter
- Orifice/Pitot Tube/Venturi with MVT



ANALYTICAL INSTRUMENTS



YOKOGAWA

- PH/Cond./ORP Transmitter with Sensor
- Zirconia Type O₂ Analyzer Boiler stack
- Flue Gas Analyzer for Process Stack Monitoring
- Dissolved Oxygen Analyzer
- Chlorine Analyzer



SYSTEM AND CONTROLLER

- UT32A/UT35A/UM33A/UT55 PID Controller
- DCS system for plant control
- Safety PLC(SIL3) for critical plant
- Chartless reorder for food and pharma
- Shushi wireless vibration sensor solutions

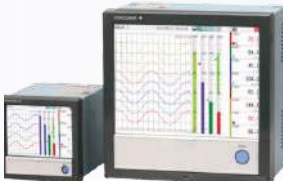


CENTUM VP



HIS

1 Gbps Dual Redundant



N-IO



N-IO field enclosure



PRODUCTS OVERVIEW

masibus
A Sonepar Company

DATA ACQUISITION

- 4/8/16/24 Chanel Scanner /DAQ Module
- Mint Intelligent I/O's & Communication Processors
- Data Logger (Up to 128 Channels)
- SMART 2.0 (Software)
- Humidity/Temperature Data Logger
- IIOT Gateway
- Masibus SMART Data Converter



INDICATORS / CONTROLLERS

- Panel Mount Universal Input Digital Indicator
- Panel Mount On-Off Controller
- Panel Mount Advanced PID Controllers
- Flameproof FLP On-Off & PID Controller
- Dual Channel Indicator/Controller (FLP/NFLP)
- Ex Proof PH Indicator



SPECIALIZED INDICATOR

- 8 Digit Flow Indicator Totalizer with Batching Function
- Bar Graph Indicator
- Loop Powered Indicator
- Large Display Indicator (4" /6")
- Clean Room Display Indicator (CDU)
- Filter Display Unit with LED Display
- RPM Indicator



POWER MONITORING

- 1 Ph Programmable Current/Voltage Transducer
- Multifunction Meter
- 3 Ph. Power Meter
- 3 Line VAF Indicator 3 Ph/1 Ph
- Single Line VAF Indicator 3 Ph/ 1 Ph



SIGNAL CONDITIONERS / ISOLATORS

- Intrinsic Safe Barrier / Signal Isolator
- Signal Isolator Single / Dual Output
- Compact Signal Isolator Single / Dual output
- 8 Ch. Universal Analog Input Card
- 16 Ch. Digital Input Card
- 8/16 Ch. Digital Output Card
- Field Interface Card with Fuse



TRANSMITTERS

- Loop Power Head Mounted Temperature Transmitter.
- Loop Powered / Aux Powered DIN Rail TT with & without Display.
- FLP HART Based TT with LED Display.
- FLP Non- HART TT with Single and Dual Compartment.
- T/RH Transmitter
- Strain Gauge TT
- Differential Pressure Transmitter



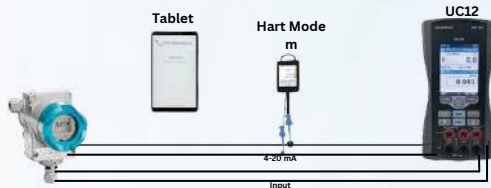
TIMES SYNCHRONIZATION & WIRELESS DATA COLLECTION

- GPS Wireless Master Clock
- Wireless Slave Clock (FLP & NFLP)
- DIN Rail GPS Clock with LED Display and Antenna
- 6 Digit, 100mm LED Time/Date Configurable Display
- For IT, DCS & Pharma



CALLIBRATORS

- UC12 Universal Calibrator for RTD/TC/ma/V/F/mv Source & Measure
- TC12+Temperature Calibrator for TC/RTD/Ohm Source & Measure
- LC12 Loop Calibrator with Simultaneous Source/ Measure
- LC11 Loop Calibrator with Source/ Measure
- CHT-23 Calibration Kit with HART Communicator



VIBRATION MONITORING

- Vibrasens Accelerometer
- Vibrasens Loop Power Sensor
- Exproof Vibration Switch
- Multichannel Vibration Monitor
- Hand-Held Vibration Meter



CALLIBRATION TEST BENCH

- Multifunctional Test Bench
- Pressure Test Bench
- Temperature Test Bench
- Electronics & Electrical Test Bench



LEVEL TRANSMITTER AND SOLUTION

- Non-Contact Radar Level Transmitter Solid and Liquid Application
- Guided Wave Radar Level Tx, for Interface and Level Measurement of Liquid
- Capacitance Type Level Tx. for Liquid level and Interface Level Measurement
- Ultrasonic Level Transmitter
- Vibrating Fork Type Level Switch for Solid and Liquid Application
- Non-Contact Radar Level Transmitter for Water and Wastewater Application
- Non Contact and Contact Radar for High Temperature Application
- Radiation Based Level Measurement



PROCESS AUTOMATION SOLUTION

- PLC & I/O'S with Ready Digital Solution
- Power Supply for DCS & PLC
- Surge Protection for I/O's and Supply
- Signal Conditioner with Function Safety and Ex Protection
- Fieldbus Distributors and segment couplers for PROFIBUS PA, PROFIBUS DP, and Fieldbus Foundation
- Terminal Blocks
- Safe Coupling Relays
- Industrial Routers for Remote Maintenance and Cybersecurity
- Ethernet APL Switch



DETECTORS

- Inductive Proximity Sensor
- Linear Position Sensor
- Namur Sensor for Valve Open /Close Indication for Hazardous Area
- Photoelectric Sensor
- Pressure/Temp/Flow Sensors
- Encoder



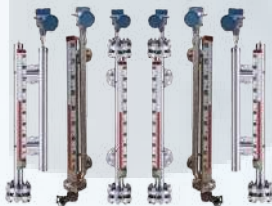
CHEMICAL PROCESS AUTOMATION

- Ex-Com Hazardous Area Remote I/O Panel
- RFID Control Tube connection in Hazardous Area
- Monitoring of Quarter Turn Actuator in Hazardous Area
- Zero Speed Monitoring for Pump and Reactors in Hazardous Area



OTHER MISCELLANEOUS PRODUCTS

- Pressure Guage, Temp. Gauge and Level Guage for Project Supply
- Control Valve and On-Off actuated Valve
- RTD Sensor & Thermowell
- Multifunction Calibrator & Customized Calibration Test Bench
- Data Converter
- Customized Software for Data Logging as well as Cloud Solution
- FLP Control Panel for Indicators & PLC HMI
- Customized Local Indicator and Controller Panel
- PDB Panel for DCS Plant
- FLP Hooter and Other FLP Accessories Like JB, Glands, Cable Trays etc.
- Alarm Annunciator Panels
- Instrument Hardware Like Air Header, Tubes, Connectors, Manifolds etc.
- Infrared Pyrometer for Static & Rotating Equipment
- Predictive Maintenance Solution for Critical Equipements with Cloud Solution.



MAJOR PROJECT MILESTONE

| SR. NO. | TYPE OF PROJECTS | INDUSTRY TYPE | LOCATION | YEAR |
|----------------|---|----------------------|-----------------|-------------|
| 1. | Yokogawa Make Fully Redundant 800 I/O DCS System For Chemical Batch Process Industries. | Agro Chemical | Gujarat | 2024-25 |
| 2. | Honeywell Make Fully Redundant 2500 I/O's DCS Based Complete Batch Automation Turnkey Project for Specialty Chemical Plant. | Agro Chemical | Gujarat | 2024-25 |
| 3. | Phoenix Contact Make 300 I/o' s PLC-SCADA System Installation on Turnkey Basis. | Agro Chemical | Gujarat | 2024-25 |
| 4. | Schnieder Based Fully Redundant 1000 Tags SCADA System along with Zone 1 Remote I/O System Integration on Profibus and IMCC with TCP/IP | Chemical | Gujarat | 2024-25 |
| 5. | Supply of Yokogawa Make Field Instruments for Green Field Project | Agro Chemical | Gujarat | 2024-25 |
| 6. | Supply of Yokogawa /Vega make Field Instruments for Sulphuric Acid Green Field Project | Sulphuric Acid Plant | Gujarat | 2024-25 |
| 7. | Supply & Commissioning of Zone 1 RIO System with Emerson Delta V DCS System | Chemical | Gujarat | 2024-25 |

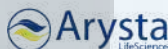
MAJOR PROJECT MILESTONE

| SR. NO. | TYPE OF PROJECTS | INDUSTRY TYPE | LOCATION | YEAR |
|---------|--|---------------------|-------------|---------|
| 8. | Honeywell Make 2100 I/o's Fully Redundant DCS Complete Batch Operated Plant Green Field Turnkey Project. | Speciality Chemical | Gujarat | 2023-24 |
| 9. | Honeywell Make Fully Redundant PLC SCADA 1200 I/O's Continuous Distillation Plant Turnkey Project Brown Field Plant. | Chemical | Gujarat | 2023-24 |
| 10. | Storage Tank Level Monitoring SCADA System with Remote Cloud Monitoring | Oil | D&NH | 2023-24 |
| 11. | Supply of Yokogawa Make Field Instruments for DCS Based Boiler Plant | OEM | Gujarat | 2022-23 |
| 12. | Supply of Yokogawa Make Field Instruments for Chemical Green Field Chemical Plant | Pharma | Gujarat | 2022-23 |
| 13. | Supply, Installation and Commissioning of Reactor Safety System for Batch Plant in Pharma Industry. | Pharma | Maharashtra | 2022-23 |
| 14. | Supply of Field Instruments for Distillation Column Green Field Project | Pharma | Punjab | 2022-23 |

MAJOR PROJECT MILESTONE

| SR. NO. | TYPE OF PROJECTS | INDUSTRY TYPE | LOCATION | YEAR |
|----------------|---|----------------------|-----------------|-------------|
| 15. | Supply of Field Instruments for Distillery Plant Column Green Field Project | OEM | Punjab | 2022-23 |
| 16. | Installation & Commissioning Service Project for Brown Field DCS Based Acid Plant | Chemical | Gujarat | 2021-22 |
| 17. | Installation and Commissioning Service Project for Green Field Project of Continuous Plant | Chemical | Gujarat | 2020-21 |
| 18. | Supply and Installation of Schneider PLC SCADA Based System Along with Field Instrument for Storage Tank & Tanker Unloading Project | OIL | Silvassa | 2019-20 |
| 19. | Supply and Installation of Allen-Bradley Make 1000 I/O's Reactor Plant Automation on Turnkey Basis for Brown Field Project | OIL | Silvassa | 2019-20 |
| 20. | Supply of PLC Based Heater Control Panel Along with Field Instruments for Boiler | Textile | Silvassa | 2018-19 |
| 21. | Supply Of Turnkey Based 200 I/O PLC SCADA System for Reactor Batch Automation Project | Chemical | Gujarat | 2017-18 |

OUR VALUABLE CLIENTS



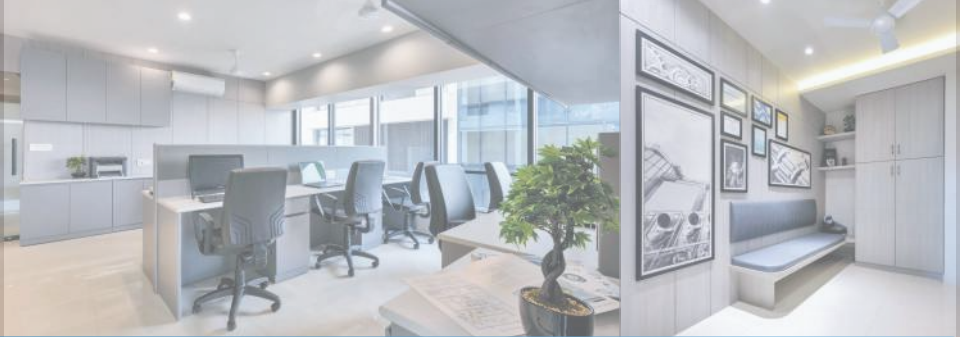
AUTHORISED CHANNEL PARTNERS





R. M. AUTOMATION

Control & Measuring Solutions



Office Location

A 701, 7th Floor, SONOROUS The Business Gate Way-Commercial Complex, Mahatma Gandhi Circle, Opp. Circuit House, Vapi-396 191, Gujarat, India.



Warehouse

104, 1st Floor, Hakimji Business Center, GIDC Char Rasta, Vapi – 396195 (Gujarat – India)



Contact us



+91 9016137753
+91 9909994475



sales@rmautomation.in



www.rmautomation.in