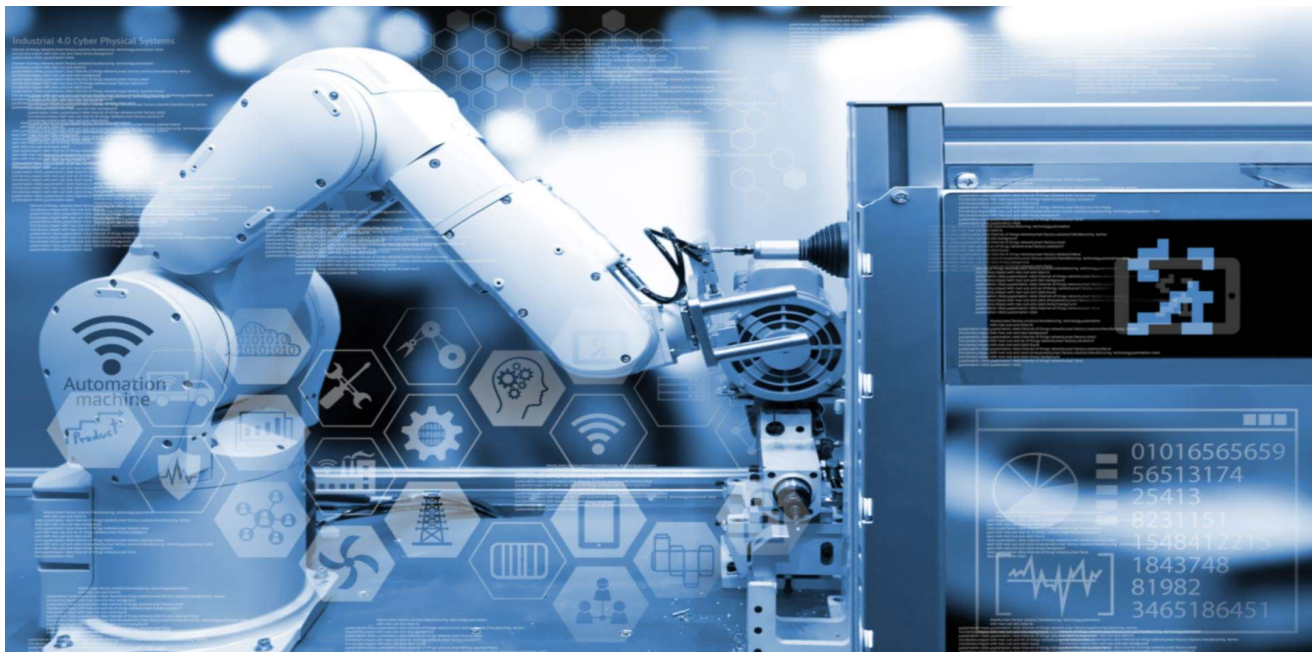




Industrial Automation Solution
& Service Oriented

Office No : 321, 3rd Floor, Block - A,
Sahjanand Business Park,
Odhav Ring Road, Kathawada
Ahmedabad, Gujarat - 382415.
Contact No: +91-9586290297
Email: Info@mtech-technomation.com
www.mtech-technomation.com

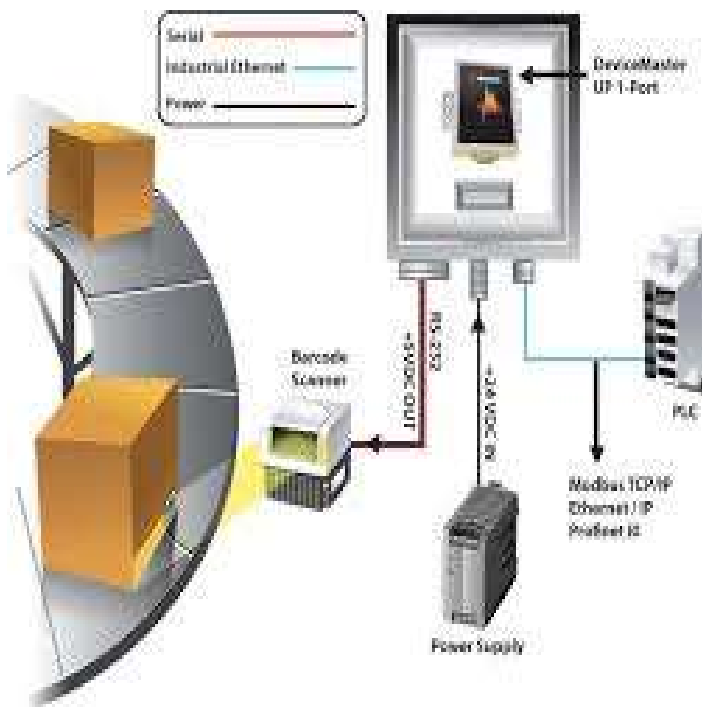
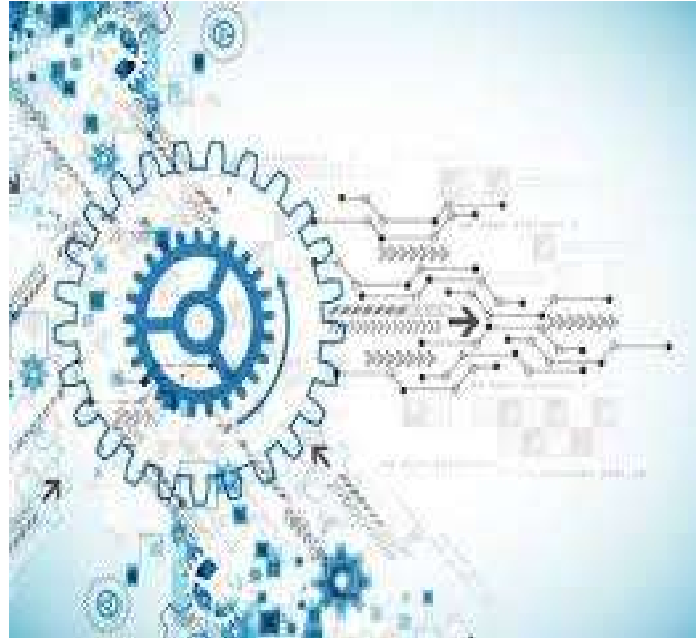


Industrial Automation Solution & Service



A TOTAL SOLUTION

A Simple Concept is the Mtechno concept for improving the performance of any manufacturing enterprise, providing three key benefits: reduced Total Cost of Ownership (TCO), Maximized Productivity, and Seamless Integration.



Connectivity

Our MES interface optimizes production by directly connecting enterprise systems with the plant floor, while our unparalleled networking technology creates seamless communication between devices.

PROGRAMMABLE LOGIC CONTROLLERS



Our controller lineup is one of the most flexible in the industry. It is supported by one common programming software and an array of networking technologies to enable seamless connection to other products on the plant floor.

Key features:

- Complete controller lineup supports any application
- Open network access enables seamless communication across the entire system
- Advanced range of special function modules optimizes application functionality
- Common programming software reduces development time and commissioning costs
- Multi-discipline control delivers accurate synchronization and maximizes production throughput



SERVO AND MOTION CONTROLLERS



Our family of servo amplifiers and motion controllers incorporate user friendly programming, advanced performance and energy saving parameters to give applications a cutting edge.

Key features:

- Fast and trouble-free One-Touch Auto-Tuning™
- Real-time adaptive load control reduces wear and tear on mechanical components
- 22 bit high resolution encoder for accurate positioning and 2.5 kHz speed frequency response for faster throughput speeds and increased cycle times
- STO & SS1 as standard, Category 4, PL e, SIL 3 safety level
- Energy saving capabilities through regenerative power for overall energy-conservation



VARIABLE FREQUENCY DRIVES



Since starting inverter production in the early 1980's, we have mastered the art of volume production to the point where we manufacture and sell over 1.2 million variable frequency drives per year, every year, worldwide. Our recipe for success is simple: continuous innovation for not only our products but the manufacturing process itself, all while maintaining exceptional product reliability through better design and manufacturing techniques.

Key features:

- Comprehensive lineup of capacities and voltage classes
- Numerous configurations from stand-alone to fully integrated
- Application specific functionality that includes fan and pumps, winders, cranes and conveyors
- Control modes covering the needs from V/F to vector, induction to permanent magnet motors
- Efficient performance, highly reliable and maintenance free



COMPUTERIZED NUMERICAL CONTROLLERS



We have produced high-performance CNC systems since 1973 and are the largest supplier of customized CNC systems for machine tool builders worldwide. Today, we have more than 95,000 CNC systems in operation.

Key features:

- 3D graphic tracing for visual confirmation and program check
- High-speed, high-accuracy mode for complex and highly precise 3D mold work
- Icon based navigation and tablet gesturing for intuitive operation
- Nano control system for precise and accurate operation
- 5-axis simultaneous control for complex part programs
- Customizable controls to add end user screens
- Long term life cycle support



Power and control



Our robotic line focuses on high repeatability, high-speed applications with small to medium payloads as well as specialized applications. In addition, performance is excellent, as our robots are among the fastest and most accurate in their class.

Key features:

- Open control architecture and multiple protection ratings to support every application
- Three year on-site parts and labor warranty
- Multiple CPU capability allows industry exclusive system performance and flexibility
- Advanced features such as force sensing, conveyor tracking, vision, and 3D vision
- Extremely reliable with an outstanding Mean Time Before Failure (MTBF)
- Fast and easy integration with Mitsubishi Electric automation products and extensive connectivity to third party devices



ENGINEERED SOLUTIONS



We have a proven trackrecord of delivering solutions that are not only well engineered, but maintain a high level of reliability, durability and quality. We offer a wide range of engineering services including consultation, design and manufacturing.

Key features:

- Expertise to deliver anything from a simple stand-alone cabinet to a fully integrated turnkey motor control center
- Engineered and manufactured to your precise specification and budget requirements
- Consultation services to help define and interpret project specifications
- Certified to meet a wide array of standards including UL, cUL, CSA and CE



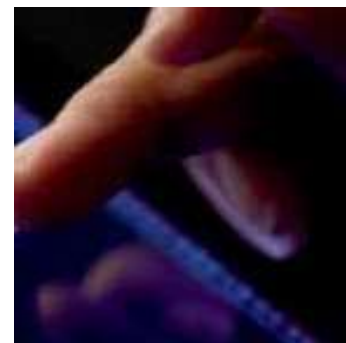
ENERGY MANAGEMENT PRODUCTS



Today, with energy management becoming more critical than ever, we produce a suite of solutions that help you monitor and control your energy usage.

Key features:

- PLC based energy meter
- Panel power meter with basic to advanced metering with multiple network options
- DIN rail power meter
- Plant layer energy kiosk with WAGES metering
- Easy configuration and web based energy system
- Building block energy intelligence architecture
- Enterprise layer energy dashboard and reporting



LOW VOLTAGE SWITCHGEAR



We offer a complete range of switchgear products, including everything from air circuit breakers and compact molded case circuit breakers to magnetic contactors and thermal overload relays.

Key features:

- Compliant with most global standards (IEC, UL, CSA, CCC)
- Full range of circuit protection ranging from fractional amps up to 6300 amps
- Magnetic contactors and (open type) motor starters up to 600 amps
- Manual motor starters up to 32 amps





for a greener tomorrow



AUTOMATION PRODUCTS AND SOLUTIONS





Allen-Bradley



Our Energy Monitoring products keep you well-informed of how much power you use, what your major loads are, when you use electric power the most, how much you pay for it, and the quality of the power you use. Use these Energy Monitoring hardware and software products to improve your equipment productivity and life, reduce your power use and its costs, and increase your company's profits



INDUSTRIAL PC/PANELPC

- Intel® i3 or i5 3227U with 4GRAM
- 64GB SSD + 500GB HDD
- Operating Temp - 10° C ~50° C
- Dimension : 212.4mm ×206mm ×67 mm
- Support extension Mini-PCI or WIFI Antenna

SCADASYSTEM

- Available with full version Support Major PLC Protocol
- Data punching available in major format & Client server facility

IIOT ROUTER

- Industrial Ethernet router
- Industrial 3G Cloud router
- Industrial 3G/WAN/Wi-Fi VPN Router
- Supports TCP/IP, UDP, ICMP, DHCP, HTTP,
- DNS & SSH Protocol.

SMPS

- Panel/dinrail Mount 5v to 48v, 2amp to 60amp
- DC- ups based smps, 40 A
- Dinrail Mount 22-60 VDC I/O, 20 to 40 amp



Make your everyday work smoother and easier

As a machine builder, panel builder, system integrator, electrician, or contractor, you need a reliable source of products to deliver top equipment and services on time. When working with Schneider, you've got that covered. See for yourself!

Count on a reliable partner for your business

automation and control, you gain access to the most comprehensive product offer on the market.

YASKAWA



- V 1000
 - Compact V/F Control Drive
 - 3 ~ 200V , 0.75kW to 18.5kW
 - 3 ~ 400V , 0.75kW to 18.5kW
- L1000
 - Elevator Drives
 - 3 ~ 200V , 3.7kW to 110kW
 - 3 ~ 400V , 3.7 kW to 110kW
- A1000
 - High Performance Vector Control Drive A1000
 - 3 ~ 200V 240V +10%/-15%, 0.75kW to 132kW
 - Over load capacity 150 % for HD and 120 % ND for 60 Sec
- J1000
 - Compact V/F Control Drive
 - 1 ~ 200V , 0.75 to 2.2 kw
 - 3 ~ 400V , 1.5kW to 5.5kW
 - Over load capacity 150 % for HD and 120 % ND
For 60 Sec.



Push Button Actuators	Mushroom Head Actuators	Selector Actuators	Contact Blocks

Wide voltage range from 12V AC/DC to 240V AC with /without buzzer
(1,2,3,4 Stack)

salzer



*Switch on
to the Best*



Cam Operated Rotary Switches

- RELAY
- SWITCHGEAR PRODUCTS, CONTACTOR & OVERLOAD RELAY
- VOLTAGE/CURRENT INDICATOR LAMP



Single window solution for DG-set



Measure



Control



Record



Analyze



GARBAGE CHUTE APPLICATION USING **MINI PLC PL-100**



RoHS Compliant

GENIE-NX SERIES PLC

- Supports Upto 48 I/os(32 Digital Inputs & 16 Digital Outputs)
- 250 Lines Of Ladder Programming
- User Can Connect A Maximum of 3 Extension Modules To The Genie-nx Base Module & Each Extension Module has 8 inputs and 4 outputs

PL - 100 SERIES

- Supports up to 100 ios
- Analog Voltage/Current Inputs and Outputs of 0-10 V / 4-20 mA & PTO 4 channel O/P
- Standard RS232/RS485 port with RJ11 for HMI/SCADA Interface

TEMPERATURE CONTROLLER/SMPS/CONVERTERS

- Universal PID Temperature Controller Series Pr 98*48 & 96*96 sizes
- On-off Temperature Controller Series Pr 43
- Temperature Control Relay
- SmPS (0.5amp To 6 Amp/12 & 24vdc)
- Different Types Of Converter (RS 232 To RS 485)

ROBOTICS

Everything You Need To Know
About Robotics From
Beginner To Expert



PETER MCKINNON

TYPE

- 2 Axis & 3 Axis Gentry Robot
- 6 Axis Robot With Different Payload & Reaches

APPLICATION : FOR MATERIALHANDLING

- Injection Moulding & IML
- Machine Tending
- Order Picking
- Material Handling
- Peletizing
- Pick & Place
- Vision
- Machine Loady



PRESSURE

- (Pressure Transmitter / Switch / Gauges, Manometer)

LEVEL

(Capacitive, Contact Type, Ultra Sonic, Hydro Static And Radar, Level Switch, Level Indicator And Controller)

FLOW

(Electro Magnetic, open Canal, Turbine, ultrasonic (Handheld, Inline and Clamp On), Orifice, Rota Meter)

DATA LOGGER / RECORDER

(Multi Channel Universal Input Data Logger, wire less data Recorder, gsm / gprs, wifi & Bluetooth data Recorder.)

SERVICE

ELECTRIC SERVICE

- ACB, VCB, OCB Breaker Maintenance
- Modification, Retrofitting Job
- Electric Panel Revamping Job
- Relay Testing And Measurement
- Transformer Work
- Earthing Work
- Ir Thermography
- Harmonic Study & Solution
- Ac Drive Testing & Repairing

TESTKIT

- 1. Secondary Injection Kit 100a (L&T /siemense)
- 2. ACB Testing Kit (I&t)
- 3. Megger Digital/analog Kit (500V/1000V)
- 4. Earth Tester
- 5. Digital Energy Audit Kit
- 6. Primary Injection Kit
- 7. Harmonic Study Kit (fluke)
- 8. IR Thermography Kit (fluke)

IT SERVICES

- Customised Software (Energy Meter Management System ,Test Report ,21 CFR)
- Special Purpose And Application Telemetry And Remote Software.

*Thank
you*



Office No : 321, 3rd Floor, Block - A,
Sahjanand Business Park,
Odhav Ring Road, Kathawada
Ahmedabad, Gujarat - 382415.

Contact No: +91-9586290297

Email: Info@mtech-technomation.com