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ABOUT US

MSR Automation and Energy Solutions

Your Partner in Industrial Automation, Energy, and Control Systems

MSR Automation and Energy Solutions is a leading provider of advanced solutions in EPC, energy, instrumentation, and control systems. With over a decade of expertise, we specialize in delivering high-performance automation systems for the oil & gas industry and various other industrial applications.

Headquartered in Gobichetti Palayam, Erode, Tamil Nadu, our team blends cutting-edge technology with deep industry knowledge to offer comprehensive, turnkey solutions—from design and installation to commissioning and ongoing maintenance. We are committed to delivering seamless integration and superior performance for both industrial and commercial clients across India.

Our Core Competencies:

- Expertise in Plant Electrical, Automation, and Digitalization services.
- End-to-end solutions tailored to client requirements.
- A dedicated team of experienced engineers specializing in process and automation engineering.

We work closely with our clients to understand their needs, providing practical, cost-effective solutions that enhance operational efficiency and long-term value.

CORE VALUES

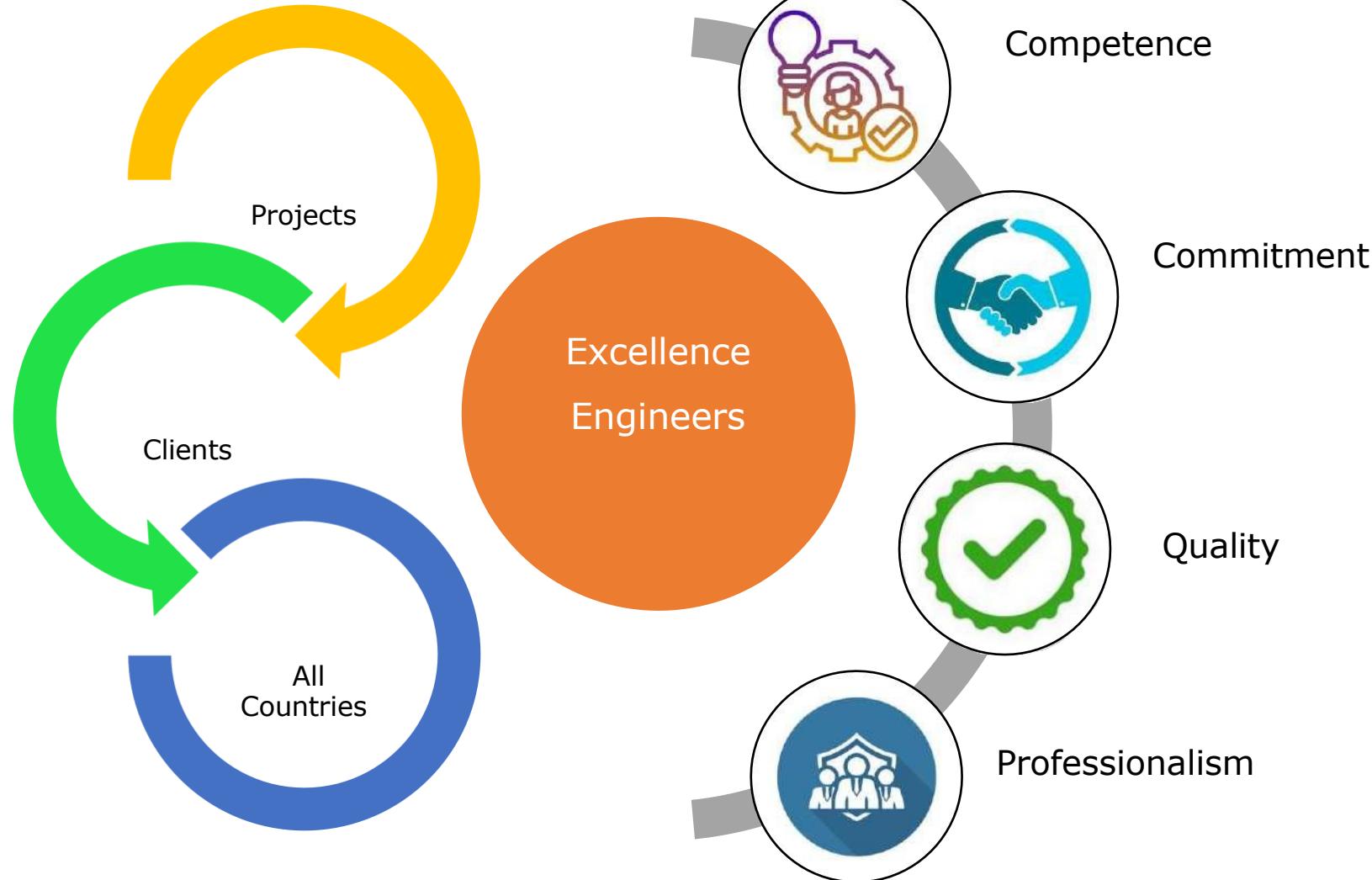
Vision

- ✓ To be the most trusted brand in the world and focus to win more loyal customers

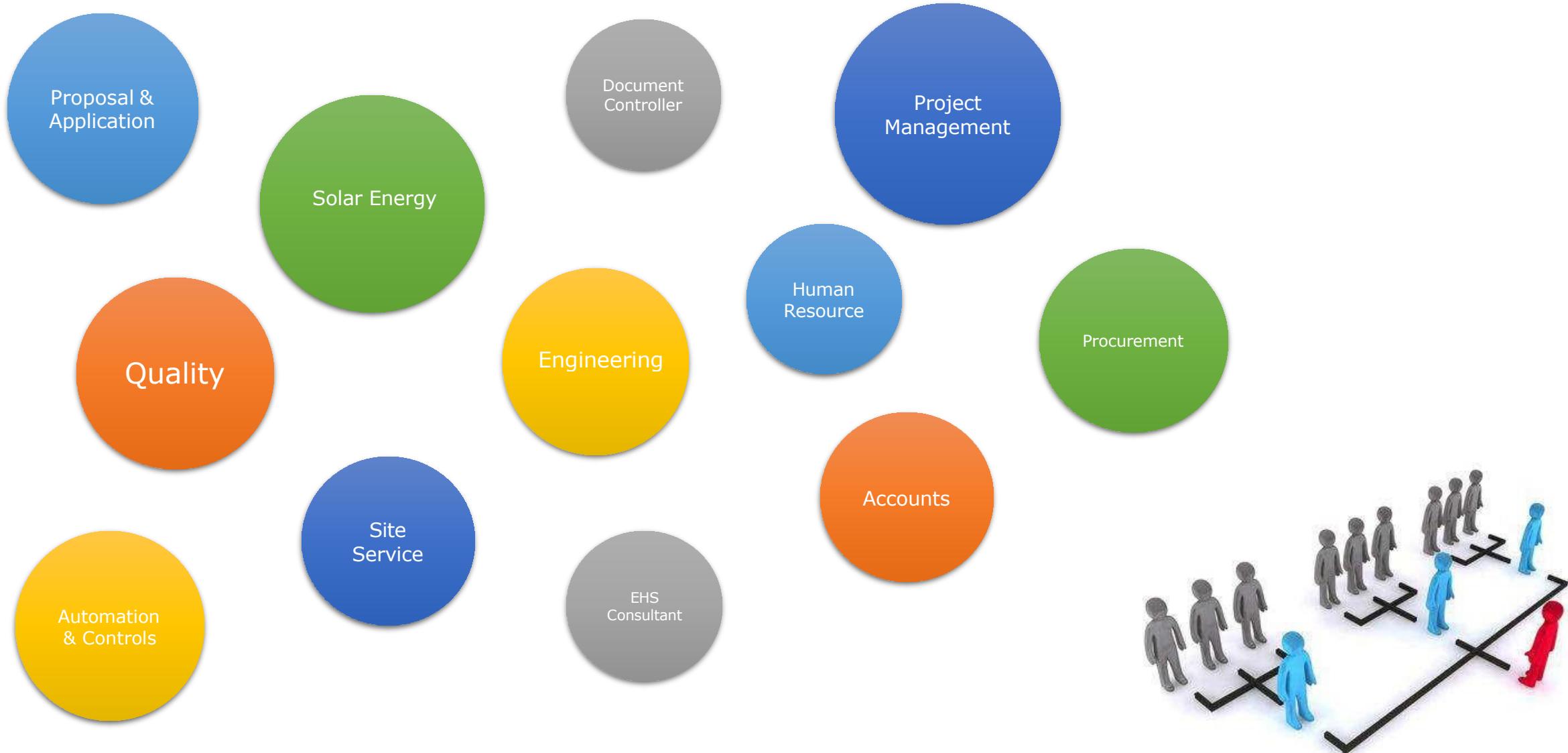
Mission

- ✓ Honoring Commitments of all stakeholders
[Employees/Customers/Vendors/Shareholders/Public]
- ✓ Delivering why instead of What and How
- ✓ By Providing quality products & services to customers

OVERVIEW



OUR TEAMS



WHAT WE DO



MSR Solar Solutions (APN Solar Partner)

Empowering a Sustainable Future

Residential Solar Solutions

Customized rooftop solar systems that reduce your electricity bills and increase your energy independence.

Commercial & Industrial Solar

Grid-tied, off-grid, and hybrid solar systems designed to meet your business's energy needs.

Solar Water Pumps

Efficient solar-powered pumping solutions for agriculture and rural development.

Operation & Maintenance (O&M)

Regular monitoring, servicing, and system optimization for maximum performance.

Energy Audits & Consulting

Expert analysis to help you reduce energy costs and optimize system performance.



About Us – Precision in Every Measurement

MSR is a specialized instrument calibration company dedicated to ensuring the accuracy, reliability, and compliance of measuring instruments across various industries. Our expert team provides comprehensive calibration services that align with national and international standards, helping us clients maintain precision in their operations and meet stringent regulatory requirements.

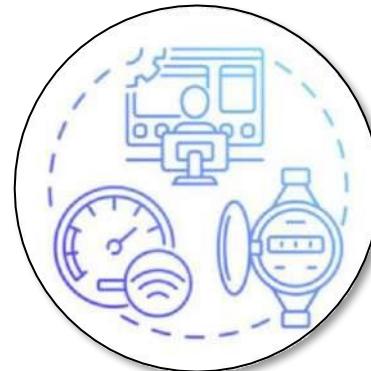
We serve industries such as manufacturing, pharmaceuticals, oil & gas, energy, food processing, and more — where accuracy in measurement is not just a preference, but a necessity.

Our Services Include:

- Calibration of electrical, pressure, temperature, and dimensional instruments
 - On-site and in-house calibration services
 - Certification traceable to national/international standards
 - Preventive maintenance and instrument verification
 - Calibration reports and compliance documentation



LV Panels & Process
Control Systems



Hazardous Area
Automation



Industry 4.0
(Factory Automation)



Engineering
Services

WHAT WE DO

Complete End to End Solutions!

Layer 3

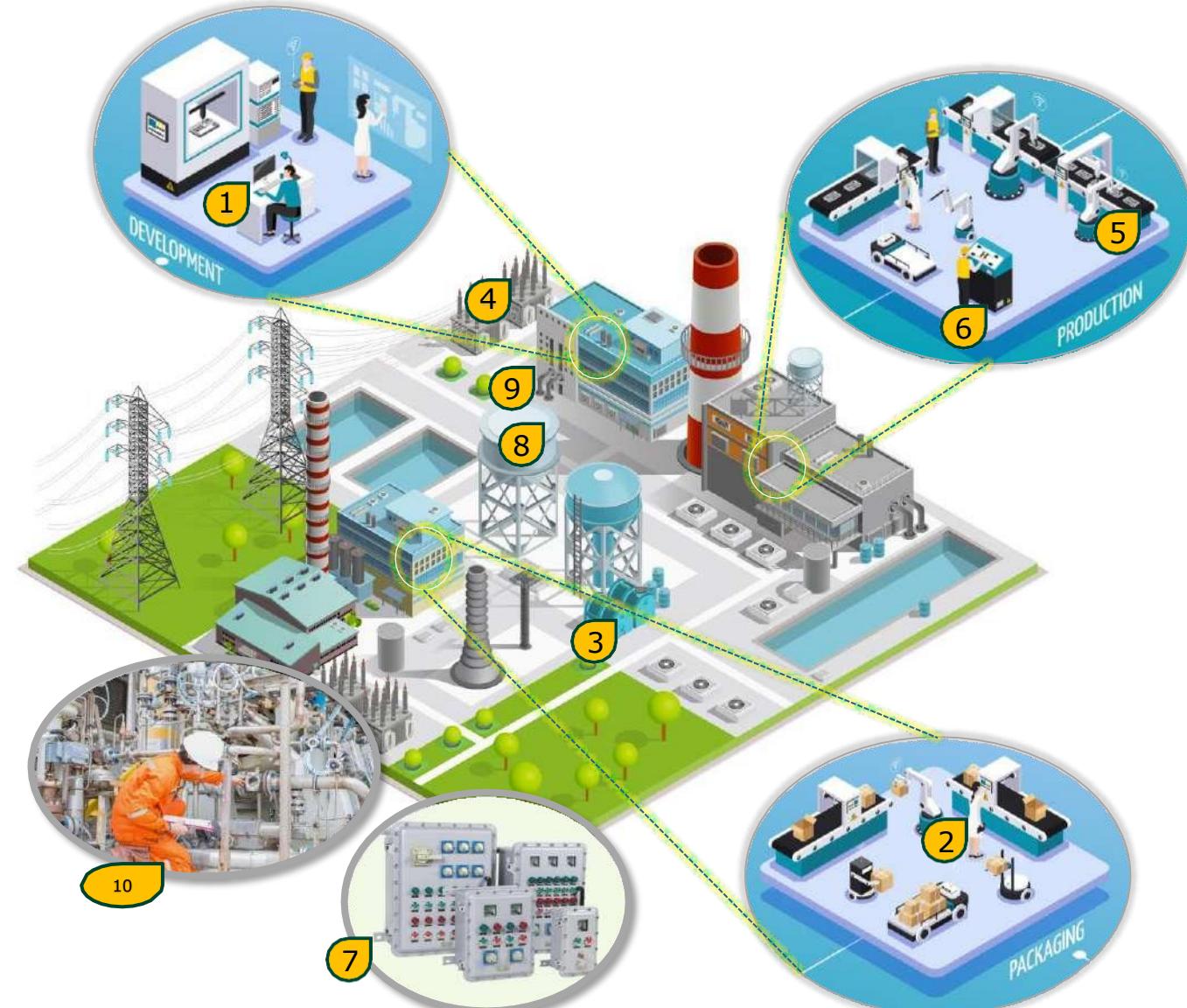
1. SCADA & Remote Monitoring System
2. PLC & Control Panels
3. Machine Monitoring System (MMS)

Layer 2

4. LV Power & MCC Panels
5. VFD Panels
6. Local Control & Push button Panels
7. Explosion Proof Panels

Layer 1

8. All types of Field instruments
9. Cables and Accessories
 - Power & Control
 - Instrumentation & Communication
10. Field Installation and Commissioning



PRODUCTS (LAYER-3)

PLC Control Panel

- ROCKWELL, SIEMENS, SCHNEIDER
- Soft and HSBY Redundancy, Upto SIL2 Control Loop



Hazardous Area Automation Panels

- Process Study & Control System Selection
- Zone-1, Exd, Exe, Ex Purge Panel, ATEX / IECEX / UL



IoT Panels & Dashboards

- Digitalization & Remote Monitoring Solutions
- Modbus, MQTT, HTTPS, GRPS, 4G LTE

SCADA & HMI

- Dashboard, Reports, Trend, Recipe, Datalogging & Server-Client.
- Redundancy, Rack Mounted Servers, System console & Control Station.

Machine Monitoring System

- Asset condition monitoring, Predictive maintenance, Early Fail Detection
- Vibration Sensor, Accelerometer, Key phaser and Temperature



PRODUCTS (LAYER-2)

LV Power & MCC Panel

- Upto 5000A, IEC 61439 & IEC 60439, upto 65kA, Cu & Al Bus bar
- Indoor (upto IP 54) & Outdoor (IP55), Single & Double Front panel, upto Form 4B.



VFD Panels

- Compartment & Non-compartmentalized drive control panels
- Front & Rear access

APFCR

- We provide solutions for improving plant power factors by installing our APFC panel.
- Capacity range 20 KVA to 1000 KVA.

LCS, LCAP & LPBS

- Design and supply control and automation systems for heating, ventilation and air conditioning (HVAC) applications, for the domestic, industrial and commercial sectors.
- Easy to use as they require only a simple touch to operate the equipment.

Junction Boxes

- CRCA, SS304, PVC, Thermoplastic, FRP/GRP Junction Boxes
- Explosion Proof Ex-d (LM-6), Exe SS304/SS316



PRODUCTS (LAYER-1)

Field Instruments

- Pressure, Flow, Level, Temperature, Field Wireless & Analyzer



Instruments Fittings

- Manifold, Nipple, Ball Valve, Long Tee, Tube, Union, Flange & Socket
- SS316, Duplex, Super Duplex, Monel, 6% Moly, PU & LLDPE

Cables

- Electrical Cables, Control Cables, Instrument cables, CAT 6, Fiber Optic Cable
- IS, BSEN, IEC, UL



Cable Trays

- Ladder, Perforated, Wire Mesh
- GI, HDG, SS304, SS316, Aluminium, PVC

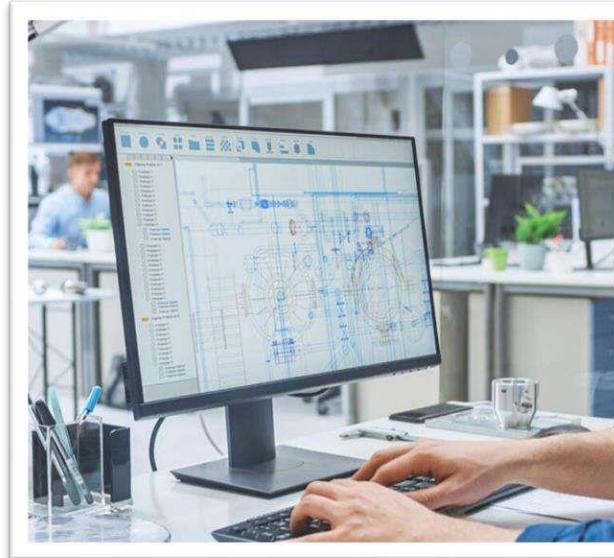
Cable Glands & Accessories

- UG, PG, Metric, Single Compression, Double Compression
- Brass-Nickel, SS & PVC, Aluminium



DESIGN & DETAILED ENGINEERING

- Hookup Drawings
- Instrumental Loop & Control Loop Diagram
- Preparation of Load list & IO list
- Single Line Diagram
- Cable Tray Layouts
- Cable Schedule
- Instrument Index
- Cause & Effect Chart
- Drawings redrawn from PDF to CADD.



AUTODESK AutoCAD

FEW ASSOCIATED BRANDS



**Rockwell
Automation**

SIEMENS

**Schneider
Electric**

ABB

SUPCON

CORDS

Fuji Electric
Innovating Energy Technology

STAHL

POLY CAB
WIRES & CABLES

RITTAL

MODUTEC

COMET[®]

CABTEK
Electrical Accessories

PEPPERL+FUCHS

Endress+Hauser
People for Process Automation

TELTONIKA

**PHÖENIX
CONTACT**

ROSE

A Phoenix Mecano Company

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SINCE 1974

Baliga

LAPP



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