

SORAX INDUSTRIAL SOLUTION

PROJECT SERVICES
SOURCING -IMPORT- REPRESENTATION -
MARKETING, SALES OF INDUSTRIAL
EQUIPMENT , MACHINERY & SPARE PART



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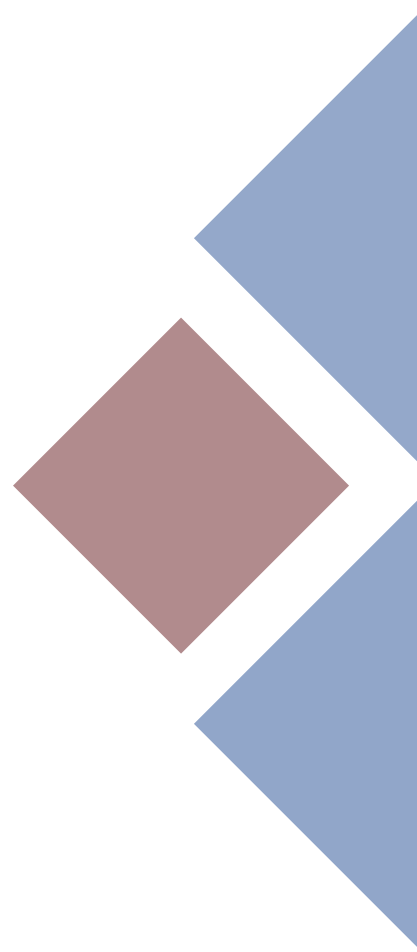
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WE SERVE THE INDUSTRIES

- FERTILIZER
- PETROLEUM
- PETROCHEMICAL
- GAS PROCESSING
- POWER
- CHEMICAL
- POLYMER
- TEXTILE
- CEMENT
- WATER TREATMENT
- FOOD
- SUGAR





About Us.

Introduction

Sorax Industrial Solution is dedicated to boosting industrial productivity with tailored, cutting-edge solutions. We focus exclusively on industrial equipment, ensuring clients receive premium-quality, precise, and high-performing products for long-term success.

At Sorax Industrial Solution, we combine innovation with expertise to deliver reliable, future-ready solutions. Our team is committed to building long-term partnerships based on trust, excellence, and consistent performance, ensuring that every client achieves sustainable growth and operational success.



Mission & Vision.

MISSION

To empower industries with high-performance tools and equipment that drive growth, enhance efficiency, and inspire innovation. We aim to be the trusted partner for businesses seeking reliable solutions to boost productivity and maintain a competitive edge.

VISION

To be a global leader in industrial equipment by delivering top-quality, reliable, and innovative solutions that improve productivity. We envision shaping the future of industries through cutting-edge technology and unmatched service excellence. Our goal is to set new benchmarks in reliability and innovation, becoming the first choice for businesses worldwide.

MEASUREMENT INSTRUMENT



Pressure Gauges

Description: Pressure Detection
Size : 60mm, 100mm
Type: Bourdon Tube, Diaphragm, Capsule, Digital
Pressure Range: Vacuum to 100 bar
Material: Stainless Steel, Brass, Plastic
Application: Oil & Gas HVAC, Water treatment



Flow Meter

Description: Flow Monitoring
Types: Electromagnetic, Ultrasonic, Turbine, Coriolis
Sizes: DN15 to DN600 (½" to 24")
Flow Range: 0.1 to 10,000 m³/h
Materials: SS316, PTFE, PVC
Applications: Water Supply, Oil & Gas, Chemical Industry.



Temperature Sensor

Description: Temperature Measurement
Types: RTD (Pt100), Thermocouple (Types J, K, T, E), Thermistor
Probe Length: 50mm to 500mm
Temperature Range: -200°C to +1200°C
Materials: Stainless Steel, Ceramic
Applications: Food Processing, Pharma, Automation



Level Sensors

Description: Level Detection
Types: Ultrasonic, Radar, Float, Capacitive
Probe Length: Up to 10 meters
Materials: SS316, PVC, PTFE
Applications: Wastewater, Oil Storage, Cement Silos



Digital Multimeter

Description: Density Measurement
Types: Vibrating Tube, Coriolis, Nuclear
Density Range: 0.5 to 3.0 g/cm³
Materials: SS316L
Applications: Mining, Petrochemical, Food Industry



Viscosity Meter

Description: Viscosity Testing
Types: Rotational, Vibrational, Capillary, Inline
Range: 1 to 1,000,000 cP
Mounting: Inline, Bench-top
Materials: SS316, Glass, PTFE
Applications: Paints, Lubricants, Food & Pharma



Moisture Analyzer

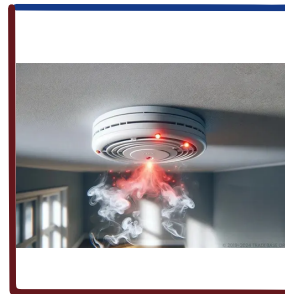
Description: Moisture Analysis
Types: Halogen, Infrared, Microwave
Moisture Range: 0.01% to 100%
Applications: Plastics, Food, Cement, Pharmaceuticals



Gas Detectors

Description: Devices designed to detect hazardous gases and vapors to ensure safety and prevent accidents.

Applications: Industrial Safety, Oil & Gas, Chemical Plants, Confined Spaces



Fire Detectors

Description: Sensors that detect smoke, flame, or heat to automatically trigger fire alarms and safety systems.

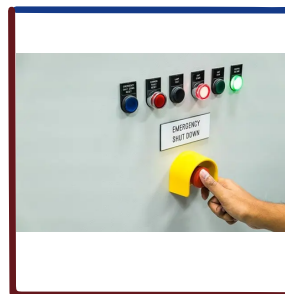
Applications: Commercial Buildings, Industrial Facilities, Residential Areas



Explosion-Proof Instruments

Description: Equipment engineered to operate safely in environments containing flammable gases or vapors, preventing ignition.

Applications: Oil & Gas, Chemical Plants, Refineries, Hazardous Industrial Areas



Emergency Shutdown Systems (ESD)

Description: Electrical safety devices that limit energy in control circuits to prevent ignition in explosive atmospheres.

Applications: Hazardous Areas, Process Control, Oil & Gas Industries



Intrinsically Safe Barriers

Description: Electrical safety devices that limit energy in control circuits to prevent ignition in explosive atmospheres.

Applications: Hazardous Areas, Process Control, Oil & Gas Industries



Fire and Gas Detection Systems

Description: Integrated safety systems that detect the presence of fire or gas leaks early and initiate alarms or shutdowns.

Applications: Industrial Plants, Oil Refineries, Chemical Facilities, Offshore Platforms



Personal Protective Equipment (PPE)

Description: Safety gear such as helmets, gloves, masks, and protective clothing designed to protect workers from workplace hazards.

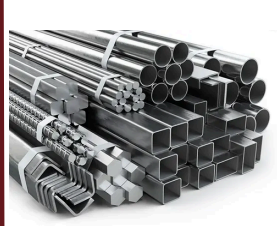
Applications: Industrial Sites, Construction Areas, Chemical Handling, Laboratories

PIPES AND FITTINGS

Pipes

Description: Hollow cylindrical components used to transport fluids, gases, and other materials under pressure or flow conditions.

Applications: Oil & Gas, Water Supply, Chemical Processing, Construction



Fittings

Description: Connectors and adapters used to join sections of pipe or tubing, ensuring a leak-proof and secure connection.

Applications: Plumbing, Industrial Pipelines, HVAC Systems, Chemical Plants



Flanges and Gaskets

Description: Flanges are mechanical connectors for joining pipes, while gaskets provide sealing between flanges to prevent leakage.

Applications: Oil & Gas, Petrochemical, Water Treatment, Power Generation



Couplings

Description: Mechanical devices used to connect two shafts or pipe sections to transmit power or fluid flow securely.

Applications: Industrial Machinery, Pipelines, HVAC Systems, Power Plants



Nuts, Bolts & Studs

Description: Fastening components used to assemble and secure mechanical parts, providing strength and stability.

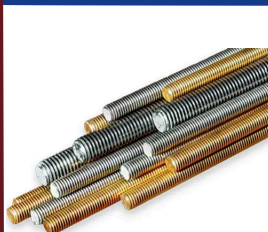
Applications: Construction, Machinery, Equipment Assembly, Structural Installations



Threaded Rods

Description: Long metal rods with continuous threading used for fastening and tensioning applications.

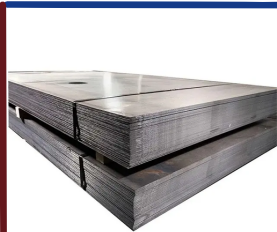
Applications: Construction, Electrical Installations, Machinery Mounting, Structural Support



Plates

Description: Flat metal sheets or slabs used for structural, fabrication, and reinforcement purposes in various industries.

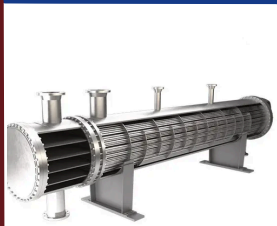
Applications: Construction, Shipbuilding, Machinery, Industrial Fabrication



Heat Exchanger

Description: Equipment designed to transfer heat between two or more fluids without mixing them, improving energy efficiency in industrial processes.

Applications: Oil & Gas, Power Plants, Chemical Processing, HVAC Systems



Pressure Vessels

Description: Sealed containers built to hold gases or liquids at high pressure, designed for safety and durability under extreme conditions.

Applications: Refineries, Chemical Plants, Power Generation, Food & Beverage Industry



Fuel Gas Cooler

Description: Heat exchanger system used to reduce the temperature of fuel gases before processing or combustion, ensuring safety and optimal performance.

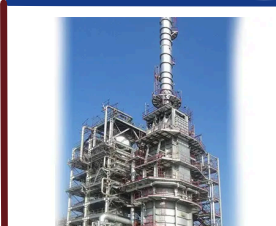
Applications: Oil & Gas Facilities, Power Plants, Petrochemical Industries



Fired Heater

Description: Direct-fired units that use combustion to heat process fluids to required temperatures, commonly used in refining and petrochemical operations.

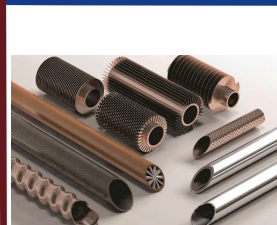
Applications: Refineries, Petrochemical Plants, Process Heating Systems



Finned Tubes

Description: Tubes fitted with external fins to enhance heat transfer efficiency between fluids in heating and cooling systems.

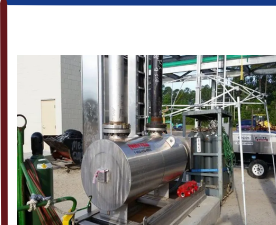
Applications: Heat Exchangers, Air Coolers, Boilers, Power Plants



Boiler and Heater

Description: Equipment designed to generate steam or hot water for industrial and process heating applications.

Applications: Power Plants, Manufacturing, Textile Industry, Food Processing



Heat Transformer Equipment

Description: Advanced heat recovery systems that upgrade waste heat energy to higher temperatures for reuse in industrial processes.

Applications: Chemical Plants, Refineries, Power Generation, Energy Recovery Systems



VALVES

Ball Valves



Description: Valves that use a rotating ball with a bore to control the flow of liquids and gases, providing quick shutoff.

Applications: Oil & Gas, Water Treatment, Chemical Processing, Industrial Pipelines

Butterfly Valves



Description: Compact valves with a rotating disc used to regulate or isolate fluid flow efficiently.

Applications: Water Supply, HVAC Systems, Food Processing, Chemical Plants

Gate Valves



Description: Valves that use a flat or wedge-shaped gate to start or stop the flow of fluid, ideal for on/off control.

Applications: Oil & Gas Pipelines, Water Distribution, Power Plants, Marine Industry

Globe Valves



Description: Valves designed for precise flow control, featuring a spherical body and movable disc for throttling applications.

Applications: Steam Systems, Chemical Plants, Power Generation, Process Industries

Needle Valves



Description: Small valves that provide accurate control of flow in instrumentation and sampling lines.

Applications: Instrumentation Systems, Hydraulic Equipment, Laboratory Applications, Process Control

Plug Valves



Description: Valves that use a cylindrical or tapered plug to control flow, offering reliable sealing and easy operation.

Applications: Chemical Processing, Oil & Gas, Water Treatment, Industrial Applications

Relief Valves



Description: Safety valves that automatically release pressure when it exceeds a preset limit to protect equipment and pipelines.

Applications: Pressure Vessels, Boilers, Chemical Plants, Oil & Gas Facilities

Control Valves

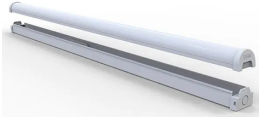


Description: Automated valves that regulate flow, pressure, or temperature by varying the size of the flow passage.

Applications: Process Control Systems, Power Plants, Refineries, Water Treatment

EXPLOSION PROOF LIGHTING

Tube Light



Description: Linear lighting fixture designed to provide bright, uniform illumination for indoor and industrial spaces.

Applications: Offices, Workshops, Warehouses, Educational Institutions

LED Light



Description: Energy-efficient lighting solution using light-emitting diodes for long-lasting and eco-friendly illumination.

Applications: Homes, Offices, Retail Stores, Industrial Areas

Spot Light



Description: Focused lighting fixture that highlights specific areas or objects with concentrated brightness.

Applications: Showrooms, Galleries, Stages, Architectural Lighting

Panel Light



Description: Slim, flat LED fixtures designed for ceiling installations, providing uniform light distribution and modern aesthetics.

Applications: Offices, Hospitals, Commercial Buildings, Conference Rooms

Flood Light



Description: High-intensity outdoor lighting fixture used to illuminate large areas with wide light coverage.

Applications: Stadiums, Parking Lots, Building Exteriors, Industrial Sites

CONTROL INSTRUMENTS

Controllers

Description: Process control and regulation
Types: PID, Temperature, Pressure, Flow Controllers
Input: RTD, Thermocouple, 4–20mA, 0–10V
Output: Relay, SSR, 4–20mA
Features: Auto-tuning, Digital Display, Compact Design
Applications: Industrial Automation, HVAC, Chemical, and Food Processing

Positioners

Description: Valve Position Control
Types: Pneumatic, Electro-Pneumatic, Smart Digital
Signal Input: 4–20mA DC
Material: Aluminum, SS316
Mounting: NAMUR Standard
Applications: Flow Control, Oil & Gas, Petrochemical, and Power Plants

Actuators

Description: Valve and Damper Automation
Types: Electric, Pneumatic, Hydraulic
Torque Range: 10Nm to 5000Nm
Material: Aluminum Alloy, SS
Features: Manual Override, Limit Switch, Position Feedback
Applications: Water Treatment, Power, Oil & Gas, and HVAC Systems

Sensors

Description: Process and Environmental Sensing
Types: Pressure, Temperature, Proximity, Optical, Level Sensors
Output Signal: Analog / Digital
Material: SS316, PVC, PTFE
Range: As per sensor type and industrial requirement
Applications: Automation Systems, Machinery, Industrial Equipment

Transmitters

Description: Signal Transmission and Conversion
Types: Pressure, Temperature, Flow, Level Transmitters
Output Signal: 4–20mA / HART / Modbus
Accuracy: $\pm 0.1\%$ of span
Material: SS316, Aluminum
Applications: Process Control, Oil & Gas, Petrochemical, and Manufacturing Industries

MONITORING INSTRUMENTS

Multimeters

Description: Portable tools to measure voltage, current, resistance, and continuity.
Applications: Electrical Maintenance, Troubleshooting

Oscilloscopes

Description: Instruments to visualize electrical signals over time.
Applications: Electronics Testing, Research & Development

Vibration Analyzers

Description: Devices to monitor and diagnose machine vibration for predictive maintenance.
Applications: Manufacturing, Power Plants, Heavy Industry

Thermal Imaging Cameras

Description: Cameras to capture temperature patterns and identify heat anomalies.
Applications: Electrical Inspection, Building Diagnostics, Firefighting

Corrosion Monitoring Systems

Description: Systems to detect and monitor corrosion in pipelines and structures.
Applications: Oil & Gas, Marine, Infrastructure



Centrifugal Pump

Description: Dynamic pumps that use a rotating impeller to move fluids by converting rotational energy into flow and pressure.

Applications: Water Supply, Irrigation, Chemical Processing, Oil & Gas Industries



Diaphragm Pump

Description: Positive displacement pumps that use a flexible diaphragm to move fluids, ideal for handling corrosive, viscous, or abrasive materials.

Applications: Chemical Transfer, Wastewater Treatment, Pharmaceuticals, Mining



Plunger Pumps

Description: Reciprocating positive displacement pumps that use a plunger to deliver high-pressure flow for demanding applications.

Applications: High-Pressure Cleaning, Hydraulic Systems, Oilfield Services



Hydraulic Pumps

Description: Pumps that convert mechanical power into hydraulic energy, generating flow for hydraulic machinery and systems.

Applications: Construction Equipment, Manufacturing Machinery, Automotive Systems



Axial Flow Pump

Description: Pumps that move fluid parallel to the shaft, ideal for applications requiring large flow at low head.

Applications: Irrigation, Flood Control, Cooling Systems, Power Plants



Chemical Injection & Corrosion Inhibitor

Description: Precision systems used to inject chemicals or inhibitors into pipelines and processes to prevent corrosion and maintain fluid integrity.

Applications: Oil & Gas, Petrochemical Plants, Water Treatment, Pipeline Maintenance



Positive Displacement Pumps

Description: Pumps that move a fixed amount of fluid per cycle, ensuring steady and precise flow regardless of pressure variations.

Applications: Chemical Plants, Food & Beverage Industry, Oil & Gas, Hydraulic Systems



Progressive Cavity Pumps

Description: Screw-type pumps that move fluids through a sequence of small cavities, maintaining consistent flow with low shear.

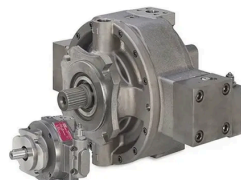
Applications: Oil & Gas, Sludge Handling, Food Processing, Chemical Industries



Piston Pumps

Description: Reciprocating pumps that use pistons to move fluids at high pressure, providing precise and efficient operation.

Applications: Hydraulic Presses, Water Jet Cutting, Industrial Equipment



Radial Flow Pumps

Description: Centrifugal pumps where fluid flows perpendicular to the shaft, providing high pressure at moderate flow rates.

Applications: Water Treatment, Chemical Processing, Power Generation



Rotary Pumps

Description: Positive displacement pumps using rotating gears, screws, or vanes to move viscous fluids smoothly and efficiently.

Applications: Lubrication Systems, Chemical Processing, Fuel Transfer



Chain Hoists

Description: Mechanical devices used for lifting and lowering heavy loads through a chain and pulley mechanism, offering durability and control.

Applications: Warehouses, Construction Sites, Workshops, Industrial Plants



Lifting Slings & Shackles

Description: Strong, flexible lifting accessories used with cranes or hoists to safely lift and secure heavy objects.

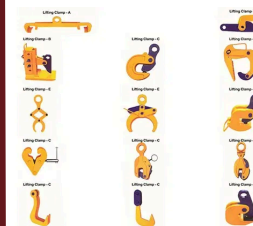
Applications: Rigging, Construction, Marine, Industrial Material Handling



Beam Clamps

Description: Clamping devices used to attach lifting equipment or hoists securely to steel beams without the need for drilling or welding.

Applications: Construction, Manufacturing, Maintenance Operations, Warehousing



Lifting Clamps

Description: Devices designed to grip and lift steel plates or structural materials safely and efficiently.

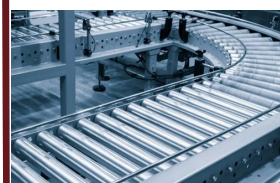
Applications: Steel Fabrication, Shipbuilding, Construction, Industrial Handling



Wire Rope Winches

Description: Mechanical devices that use a wire rope wound on a drum to pull, lift, or position heavy loads.

Applications: Construction, Marine, Mining, Industrial Applications



Conveyor Belt

Description: Continuous belt systems used to transport materials efficiently from one point to another within industrial setups.

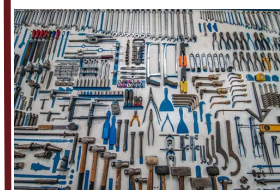
Applications: Manufacturing, Packaging, Mining, Logistics



V-Belt

Description: Belt with a trapezoidal cross-section designed for power transmission in machinery and engines.

Applications: Industrial Machinery, Automotive Systems, HVAC Equipment



Hand Tools

Description: Manually operated tools used for assembly, repair, and maintenance tasks in various applications.

Applications: Workshops, Maintenance Departments, Construction, Electrical Work



Maintenance / Repair Kit

Description: Set of essential tools and accessories used for equipment servicing, troubleshooting, and quick on-site repairs.

Applications: Industrial Maintenance, Workshops, Field Operations, Mechanical Repair

Gas Analyzers



Description: Devices to detect and quantify gases in various environments.
Types: Portable, Fixed, Multi-Gas
Applications: Industrial Safety, Environmental Monitoring

Liquid Analyzer



Description: Instruments to analyze composition and quality of liquids.
Types: Spectrometers, Chromatographs
Applications: Water Treatment, Petrochemical, Food Processing

pH Meters



Description: Devices for measuring acidity or alkalinity in liquids.
Types: Portable, Benchtop, Inline
pH Range: 0–14
Applications: Water Treatment, Agriculture, Food & Beverage

Conductivity Meters



Description: Instruments to measure electrical conductivity of liquids.
Types: Portable, Benchtop, Inline
Range: 0.01 $\mu\text{S/cm}$ to 200 mS/cm
Applications: Water Quality Testing, Chemical Industry

Gas Chromatographs



Description: High-precision analyzers for separating and analyzing gas mixtures.
Applications: Environmental Testing, Petrochemical Labs

Liquid Chromatographs



Description: Devices for analyzing components in liquid mixtures with high accuracy.
Applications: Pharmaceutical, Food, Chemical Industries

pH and Conductivity Analyzers



Description: Combined instruments to measure pH and conductivity simultaneously.

Total Organic Carbon (TOC) Analyzers



Description: Instruments for quantifying organic carbon in water and waste.
Applications: Environmental Monitoring, Wastewater Treatment

COMMUNICATION INSTRUMENT

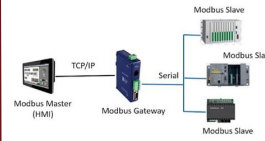
Industrial Ethernet Switches

Description: Networking devices designed for industrial environments.
Applications: Automation, Data Communication



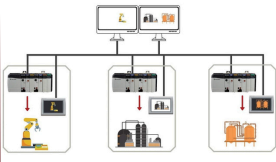
Modbus Systems

Description: Communication protocol systems for industrial automation.
Applications: Process Control, SCADA



SCADA Systems

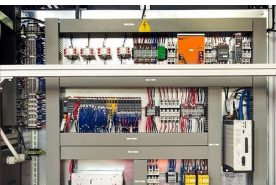
Description: Supervisory control and data acquisition systems for plant monitoring.
Applications: Water, Energy, Manufacturing Plants



PROCESS CONTROL INSTRUMENT

Modbus Systems

Description: Digital computers for automation of industrial electromechanical processes.
Applications: Manufacturing, Process Automation



Remote Terminal Units(RTUs)

Description: Devices that connect field devices to control systems remotely.
Applications: Utilities, Remote Monitoring



Distributed Control Systems (DCS)

Description: Control systems distributed throughout a process for complex automation.
Applications: Power Plants, Refineries



EXPLOSION PROOF LIGHTING



Explosion Proof LED Floodlight

Description: Heavy-duty lighting fixture designed to operate safely in hazardous or explosive environments. Provides bright illumination while preventing ignition of flammable gases or vapors.

Applications: Oil & Gas Industry, Chemical Plants, Refineries, Mining Sites



Explosion Proof Signal Light

Description: Safety signal lights built to withstand explosive atmospheres, used for alerting or indicating operational status in hazardous zones.

Applications: Industrial Plants, Offshore Platforms, Hazardous Areas, Process Control



Explosion Proof LED Floodlight

Description: Explosion-proof warning light designed for marking tall structures such as towers, chimneys, and industrial facilities to ensure visibility for aircraft. Built with durable LED technology to provide long-lasting performance and safety in hazardous environments.

Applications: Oil & Gas Plants, Refineries, Towers, Chimneys, Offshore Platforms, Industrial Facilities

GENERAL ITEMS



Stationery Items

Description: Essential office supplies used for writing, organizing, and documentation purposes.

Applications: Offices, Educational Institutions, Corporate Workspaces



Packaging Materials

Description: Materials used to protect, seal, and present goods during storage and transportation.

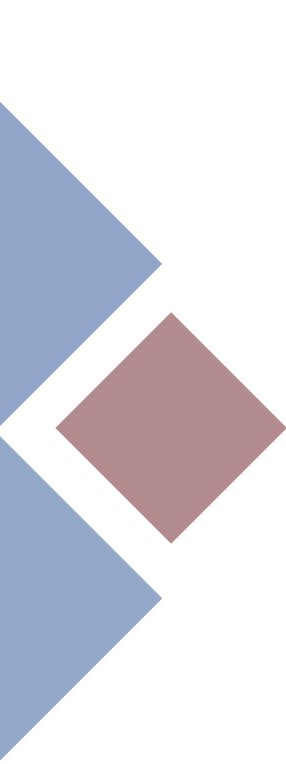
Applications: Manufacturing, Retail, Logistics, Warehousing



Technology Accessories

Description: Supporting devices and peripherals that enhance the functionality of computers, mobiles, and other electronics.

Applications: Offices, Educational Institutes, IT and Technical Workstations



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