

## OUR SERVICES

We are dealing F.W. MURPHY PRODUCTION CONTROLS, ENOVATION CONTROLS, MCS THROTTLE CONTROLS, AUSTART PRODUCTS, & AXI International Intelligent Fuel management systems with excellent services and parts back up and providing an exceptionally higher standard of product support services through skilled and dedicated teams across all its operations.



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# RAJKOT DIESEL MACHINES



### Industry

### Marine, Oil & Gas Industries

Meeting the Unique needs of Customers with a **Complete Solution Approach**



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www.rajkotdiesel.com

## About Us

Rajkot Diesel Machines was established in 2003. Rajkot Marine LLC & 4JB Automation & Power Controls Pvt. Ltd. are a part of Rajkot Diesel Machines for covering the packaging & Automation solutions of all types of engines / pumps, skids, Marine engines, Industrial engines, Armored vehicles and Automotive applications. We closely work with all OEM's and packagers meeting the unique needs of customers with a complete solution approach

## Products

The company is well known in and highly respected through the UAE - GCC-ME& INDIA for the world class products and services of:

We are authorized distributors of **FW Murphy Production Controls-USA**, Enovation Controls-USA, Austart - Australia, AXI international-USA, MCS - Belgium, and also dealing Pacbrake - CANADA.

## System & Solutions

Gas Compressor Panels & Process Monitoring Instruments.

On road & Off-Road Vehicle Monitoring/ Vehicle Dashboard System.

All types of Engines & Pumps Control Panels.

Throttle speed control - Pedal and hand throttle for all types of engines and vehicles.

Machinery, Marine engines & Marine Generators Packaging Solution.

High Pressure Pumps / Plunger pumps- Control Desk & Complete Automation Works

Fabrication of Engine, Pumps & Generator Base skid and Associated works

Up-fits solutions of standard, Exe, Ex'd packaging for Zone 1/ Zone 2 Applications.

Ex'e, Ex'd starters, alternators of Diesel / Gas engines

Air Starters & Air shut off valves.

Free Fall Fire Shut off Valves

PLC & VFD Panels.

Fuel Transfer & Diesel/Petrol Dispenser STP.Control System.

Dispenser STP Cabinet-SS316 Design & Associated flow and Display System.

Diesel / Fuel Polishing, Storage and Transfer Solutions and controls

## Customer Service Excellence

We are justifiably proud of our record of providing highly rated customer services, with an equally responsive 24-hour turnaround time on almost every request. With a dedicated team, we provide services to help you handle or manage situations of crisis, promote positive messages about your company, handle requests from the media and positively manage your reputation.



# FW MURPHY

PRODUCTION CONTROLS



LM 500 Lube Level Maintainer



OPLC-S-EX Switch Gauges



OPL Series Pressure Gauge



C5 Centurion Controllers



TTD Series Fault Annunciator



LM 300 Level Maintainer



OPLFC-S Pressure Gauge



M2582-P / M5180-P Pneumatic Valve



OPL Series Pressure Gauge



VS2 Series Vibration Switches



SS 1/4 diameter Thermocouples



LS 200 Liquid Level Switch



TTD Series Annunciator Panel



PXT K Series Pressure Transmitter

RTD Transmitter



Custom Control Panels

FW Murphy Production Controls proudly offers a wide range of instrumentation and control solutions for the Oil & Gas Production and Natural Gas Compression markets.



# ENOVATION CONTROLS®



Electro Mechanical Gauges



Engine & Pump Controller



Power View Engine & Diagnostic Display



SNTL 300 Battery Charger



TACHO-EG Gages - MPU



Machine Controller



L150 Series Level Switch Gauge

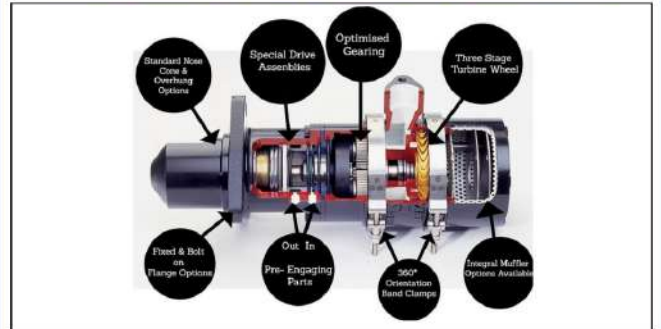
L150 EX Level Switch

L120 Series Lube Level Switch Gauge

Enovation Controls provides wide variety of controls Display in Power Generation Engines, Oil & Gas production, and Fuel system.



## Austart Turbine Starters



ATS 53 Series For Diesel Application up to 3 Litres



ATS 63 Series For Diesel Application up to 3-8Litres



ATS 73 Series For Diesel Application up to 7-16 Litres



ATS 83Series For Diesel Application up to 14-30 Litres



ATS 93 Series For Diesel Application up to 25-70Litres



ATS103 Series For Diesel Application up to 50-250Litres

Austart specializes in starting diesel & gas engines, with over 40 years' experience in multiple industries such as Marine, Mining, Oil, Gas, Transport & Defense.

# MCS

## MOBILE CONTROL SYSTEMS SA

### Programmable Electronic Throttle Controls



# PACBRAKE®

## ENGINE & EXHAUST BRAKES

### Engine Shut off Valves

### Exhaust Brake

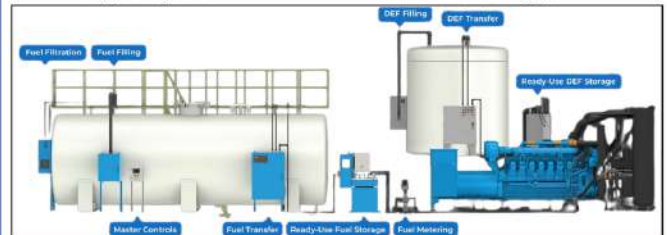


MCS provides programmable electronic throttle controls for industrial diesel engines, CNG, Electric and Hybrid engines. PacBrake known for their PRXB Exhaust brakes and Automatic Engine shutt off valves

# AXI

## INTERNATIONAL

### INTELLIGENT FUEL MANAGEMENT SYSTEMS



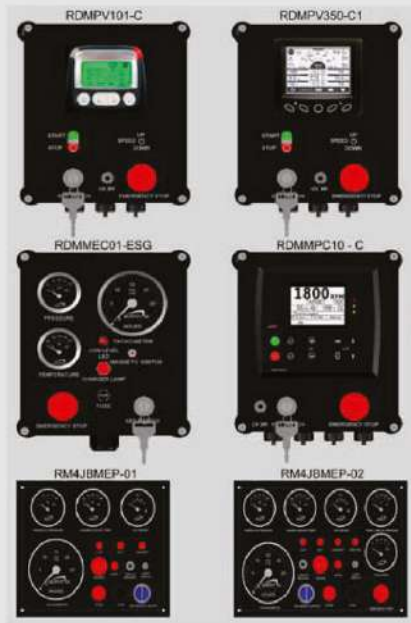
AXI International provide facilities with fully automated systems that seamlessly integrate with each other and the respective facilities they serve. From fuel filling and transfer to ready-use day tank storage and automated filtration.



### AIR STARTER - AIR SHUT OFF - ENGINE CONTROL



### RDM - ENGINE/PUMP CONTROL PANELS



### PROCESS MONITORING INSTRUMENTS

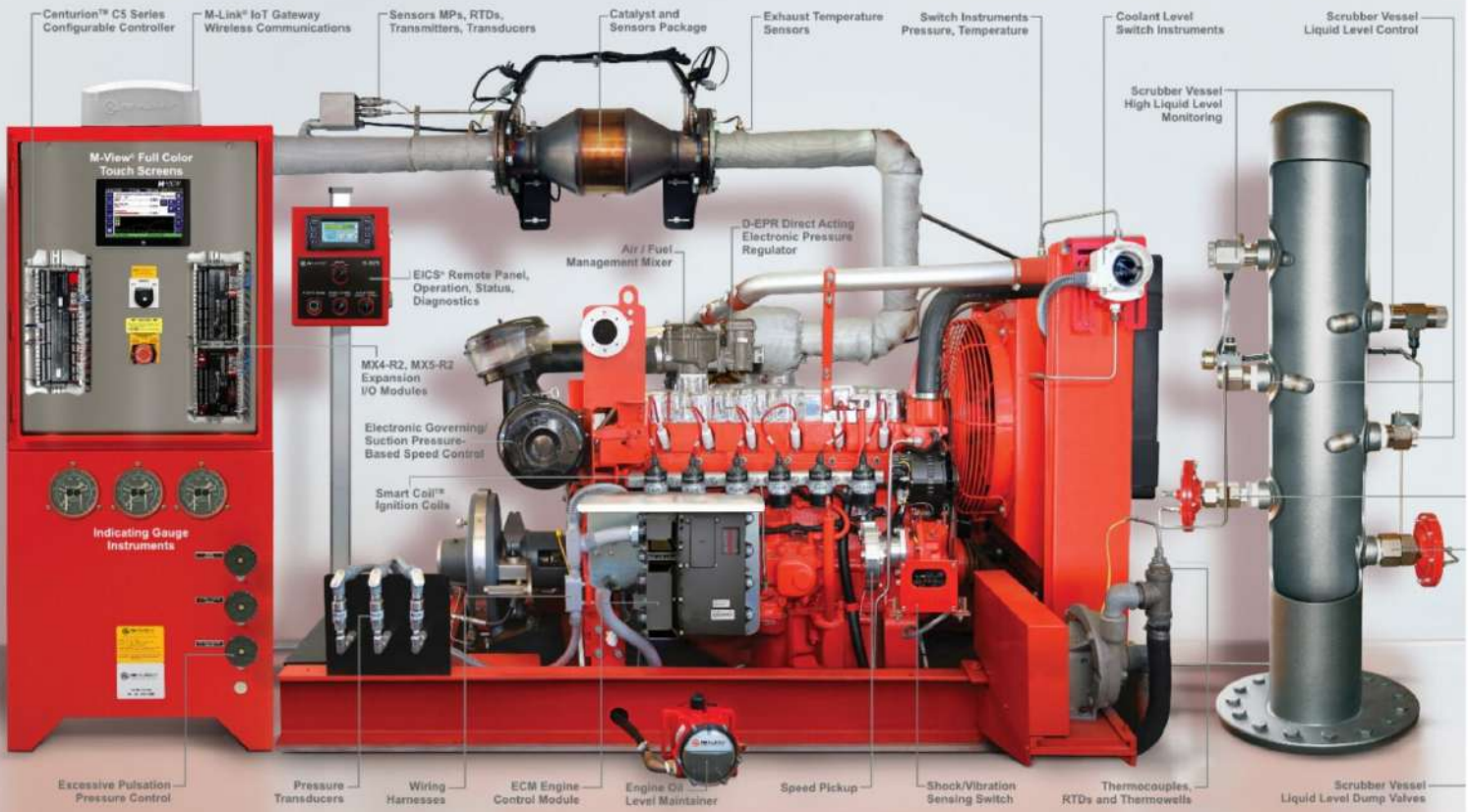


Meeting the Unique Needs of Customers with a  
**Complete Solution Approach**





THE ONE SOURCE FOR ALL YOUR CONTROL NEEDS



Meeting the Unique Needs of Customers with a Complete Solution Approach



**Total Packaging & Up fits Solutions**

Fabrication of engine / Generator skid  
 Engine /Generator Mounting and Alignments.  
 Control Panel and Wiring Loom | Load Bank & Load Test.  
 Engine / Generator Accessories up fits | Fuel Tank and Accessories

**Fuel System & Accessories**

Fuel System and Filtration | Fire Drop Valve  
 Fuel Shutoff Valves | Actuators AC/OC | Tank Level Transmitter

**Switch Gear Product's**

Generator Control Panels | Generator Panels with PLC & HMI.  
 LV Switchboard | Synchronizing & Paralleling Control Panels.

**Automation - PLC & SCADA**

Remote Control Panel with PLC & HMI  
 Local Control Panel with Mechanical / Electrical.  
 Local Control Panel with Displays - CAN & RS485.  
 Remote Control Panel with CAN based I/O and display.  
 Project based site installation and commissioning assistance.

**End Devices**

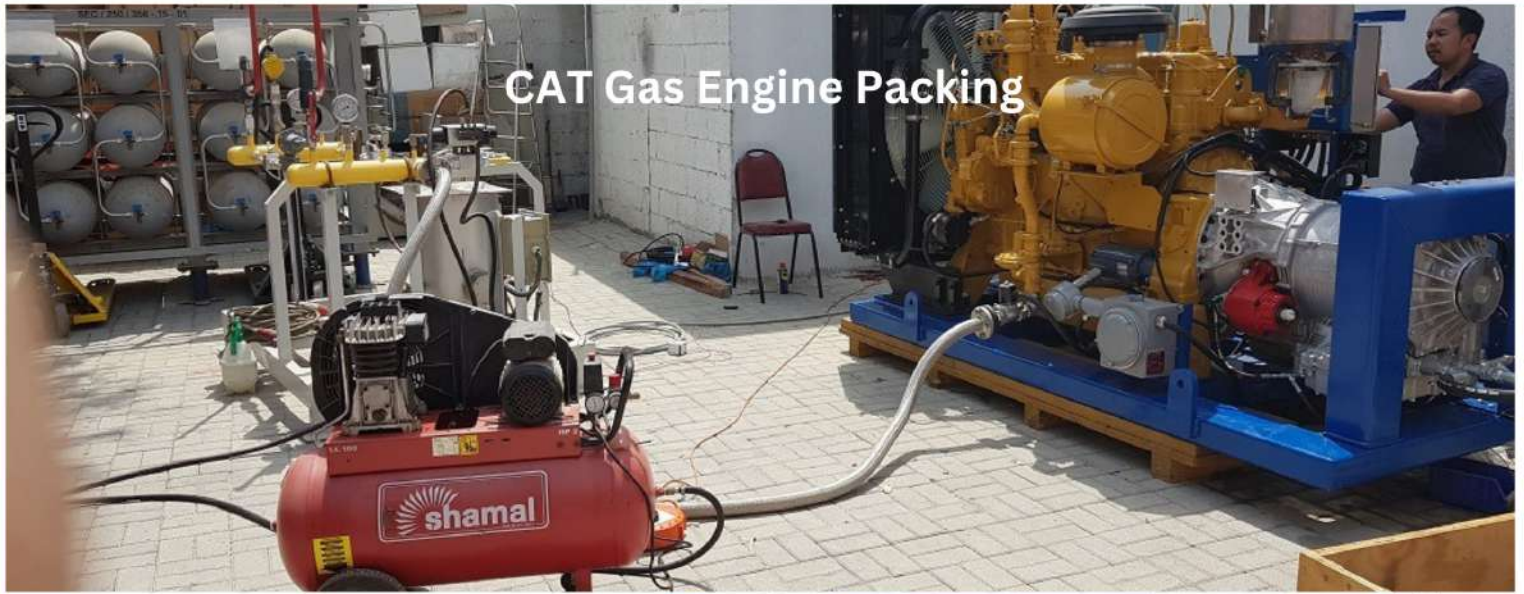
Generator Annunciators.  
 Fuel Level Sensors | Exhaust Thermocouples / RTD.  
 Winding Temperature RTD and Monitoring System.  
 ATEX Products ( RTD - TRANSMITTER & SWITCHES )  
 Coolant Level Switch | Pressure / Temperature transmitters  
 Oil Level maintainer / Switch | Differential Switches / Transmitters / Sensor



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# CAT Gas Engine Packing

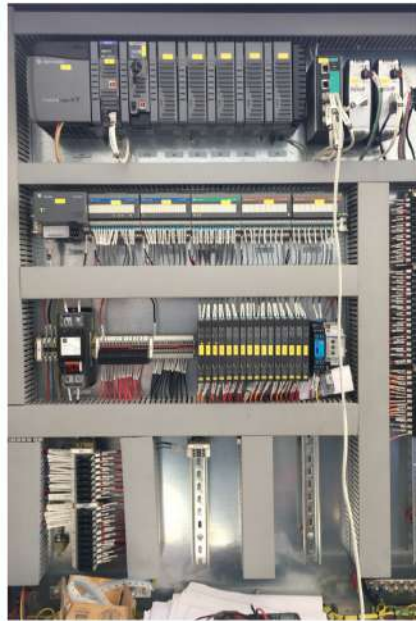




## Fuelco Gas Station Transfer Pump Panels



## EX'd Control Panels



## PLC Panels for Batching & Well Service Pumps



# PLC VFD Motor Driven Pump







FW Murphy Panels & Controls



Marine Commercial & Crew Vessel



Well Service Triplex Pump & Batch Mixing

## Our Work

### Comprehensive Solutions for

#### Diverse Industries

We believe in delivering excellence through collaboration and innovation. As part of our commitment to providing complete solutions, we encompass Rajkot Marine LLC and 4JB Automation & Power Controls Pvt. Ltd. These divisions are dedicated to offering cutting-edge packaging and automation solutions for engines, pumps, marine engines, industrial engines, and automotive applications.

### Customer-Centric Approach

We take immense pride in closely working with OEMs and packagers to ensure that every project is tailored to meet our customers' unique requirements. Our customer-centric approach drives us to go the extra mile to deliver top-notch products and services that exceed expectations.

## Our Strategy

### Operation

#### Excellence

Our aim is to establish a culture of operational excellence that will enhance profitability and productivity, and enable us to achieve outstanding performance in all our projects

### Premium Quality

Our teams are built with a strong sense of collaboration. Our aim is to consistently deliver top-quality results that ensure successful project completion

### Brand Image

We use innovative technologies and behavior-driven practices to provide reliable and profitable services that give clients a competitive edge, ensure successful project implementation, and enhance the company's reputation.

## Our Line of Business

### Marine & Offshore



Switch Gear Products  
Vessel and Engine  
Monitoring System

### Oil & Gas



Controls & Customized solutions  
(Well service, Cementing Units,  
Batch Mixer etc)

### Defense



Navy & Armored Vehicle  
Integrated Dash system

### Industrial Control Solutions



Genset and Pumps  
(Jetting, Irrigation,  
Dewatering)

## Our Mission

Motivating people to act like owners working together.

Exceeding customer expectations by always being first to market with the best products.

Partnering with our customers to make sure that they succeed

Being a solid Manufacturer, System Integrator & Solution Provider in the Industrial Stationery Equipment's, Armoured vehicles, Marine, and Oil-Gas Industry".

## Our Vision

To be the leading Primary Technical & Engineering Company in the marine, Industrial Stationery Equipments, Armoured vehicles, and oil and gas industry, ensuring the highest level of safety during works execution, fostering sustainable earnings growth, and exceeding customer expectations through world-class solutions and unwavering commitment to quality and service.

To develop automation products of with state of art performance to meet all customer needs according to their requirement and expectations

## Our Values

Integrity

Safety & Security

Continous Improvement

Innovation Team Work

Goals & accountability

Customer Satisfaction

Long Term Business

Approach