



ELECTRIC

PNEUMATIC

HYDRAULIC

CONTROL SYSTEMS AND SERVICES

# RSI GLOBAL

**R**SI Global is an organization that designs, fabricates, installs and services process control instrumentation, safety systems, control panels and related elements. Originally founded in 1980 as Ruelco Services, Inc., the company initially developed systems almost exclusively for oil and gas producers in the United States. As the company's systems and services proved themselves to be among the most efficient and reliable in the field, the demand for RSI Global's products and services has expanded worldwide. The company actively pursues business in over 40 countries in South America, Europe, Africa, the former Soviet Bloc, the Middle East and the Far East. The increase in demand has also allowed the company to diversify into other industries such as public and private utilities, municipalities, commercial diving, commercial marine and U.S. defense contractors.

## Services Provided By RSI Global Include:

- PLC Based Systems
- Well Control Panels
- Fire & Gas Detection Systems
- Process Control Panels
- Hydraulic Power Units
- Chemical Injection Packages
- SCADA Systems
- Solar Powered Systems
- Power Distribution Panels
- E & I Field Installation
- Pre-Commissioning
- Commissioning
- Training / Maintenance
- 3rd Party Compliance
- Inspection and Documentation
- Rental Panels
  - Well Test Panels
  - Fire and Gas Detection Systems



# INSTRUMENTATION CONTROL PRODUCTS

RSI Global is an approved supplier for numerous manufacturers of instrumentation control products and components. RSI Global can supply the following manufacturer's complete product lines to our customers on a worldwide basis.



# OIL AND GAS

---

**R**SI Global initially built its reputation on the ability to provide quality and extremely reliable control and safety systems for the oil and gas industry. We have successfully completed projects for virtually all of the major companies in the oil and gas industry and have demonstrated a willingness to work with independent oil and gas companies, whose needs and budgets differ greatly from the majors.

Major equipment providers and other topside contractors have also come to rely upon our expertise to provide them with controls for Reciprocating Compressors, Separators, Pump Packages, Chemical Injection Packages, Hydraulic Power Units, Subsea Tieback Systems, and LACT units. Initial well testing organizations utilize our control and safety systems throughout the world for monitoring of their temporary equipment.

With the advent over the past several years of the new breed of intelligent well tools and the corresponding need for control, periodic testing, and strict documentation required for these tools, RSI Global has been in the forefront of the conceptual development of these controls. Our systems are now in service in over a dozen countries providing reliable control, unerring accuracy in testing and trending for documentation purposes. Other bottom hole contractors that rely upon a thorough and precise test before putting their downhole tools into service utilize our expertise in designing and installing testing systems for test bays on a global scale.

RSI Global has truly moved beyond the traditional supply of controls for SCSSV's and well panels while continuing to place a high value on clients who request the universally trusted style of control panel.

Whether the specific need requires pneumatic, hydraulic, electrical, combination or PLC based controls within the oil and gas industry, RSI Global can provide the expertise necessary to remain in compliance with codes and standards, such as ATEX and others, in place anywhere in the world.

**RSI Global has worked successfully with virtually all major companies in the oil and gas industry, as well as many independents.**







**Multiwell PLC Controlled**



**H.P. Test Bay Console**



**Intelligent Well Tool Controls**



**Single Well Panel**



**HPU/Lube Oil Skid**



**H.P. Well Control**



# DIVING SYSTEMS AND CONTROLS

**A**s part of our structured and progressive efforts to diversify our client base, **RSI Global** now offers experienced personnel and a comprehensive range of diving controls and systems which are applicable to the technical, military and commercial diving industries.

Through our strategic alliances, we are capable of design, fabrication, cleaning and testing of dive controls such as Gas Management, Chamber Controls, Gas Mixing Panels, Oxygen Buffer panels, Hyperbaric and Life Support System Controls.

Should the vessel or diving system require it, our equipment can be designed to comply with the regulations as set forth by various certifying agencies such as DNV, ABS, Lloyds etc.

**RSI Global's personnel, controls and systems are applicable to the technical, military and commercial diving industries.**



**Chamber Controls**



Gas Management Panel



Oxygen Buffer



Analyzer Panel



Fly Away Pack Building





# UTILITIES & MUNICIPALITIES

Over the past decade **RSI Global** has become the control panel vendor of choice for several of the electrical power providers in Louisiana and other states. Our experienced and dedicated engineering staff has been awarded projects through success in the competitive bid process. **RSI Global** has also been awarded projects based upon our "Preferred Vendor" status with several clients in the Utilities market. We are extremely proud of this preferred status, as it is a direct reflection of our clients' satisfaction with our commitment to delivering a quality product which is competitively priced and delivered within the schedules provided.

While substation relay protection panels make up the majority of our systems built for the utilities market, we have also provided AC/DC Power Distribution panels, Alarm Junction boxes, Battery Switching Panels, Bus Potential Junction Boxes, Metering Potential panels, Communication Interface panels, and Revenue metering panels.

In terms of the municipalities market, while the process managed by our systems varies greatly, our focus on providing a quality engineered product at a competitive price does not. **RSI Global** has experience and a proven track record of providing systems such as Pumping Station controls, SCADA Systems, Wastewater Monitoring and Control, Weather Monitoring Stations, and Bridge/Traffic Controls. We have worked in concert with Plaquemines, Terrebonne, Orleans and Jefferson Parishes, The New Orleans Sewerage and Water Board and the Port Authority of New Orleans.



Substation Junction Boxes







Line Breaker Panel



Line Breaker Panel



Breaker Control



Bridge Controls



Pump Control

# MILITARY APPLICATIONS

---

**R**SI Global has made significant inroads into the military markets within the past few years. It has become apparent that our core capabilities and expertise dovetails nicely with many applications for military use.

RSI Global has delivered small control systems, mechanical assemblies, electrical cable assemblies, and tubing assemblies utilizing various alloys and coating for other assemblies all to the requisite MIL specifications. We have consistently scored high in relation to quality, competitive pricing and dependability.

Our ongoing operations require 100% quality inspection before shipping and a comprehensive testing program that ensures a functional product. We have achieved and maintained an “Accredited Supplier Status” for a major defense contractor and have always received high scores on periodic supplier performance reviews.

RSI Global has achieved and maintained an “Accredited Supplier Status” for a major defense contractor.



# SWITCHGEAR AND MARINE

**R**SI Global has experience designing and fabricating Generator Switchgear, Emergency Switchgear and Shore Power transfer systems. We have recently made inroads into the heavy commercial and pleasure yachting controls segments of the overall market. Our recent successes have been in the automation necessary to control Steering Systems on large ships, Engine Monitoring and Controls, Hydraulic Power Units, Gas and Fire Detection, and Dynamic Positioning System automation.

We have previously worked closely with the U.S Coast Guard and ABS to ensure that all systems meet the regulatory requirements.

Our research indicates that this segment of the controls and automation market shows potential for positive growth over the mid to long term. As our experience and expertise in this segment grows, our marketing efforts will reflect the necessity of uncovering new clients in this market.



Generator Switchgear





2063 Paxton Street  
Harvey, Louisiana 70058  
Phone 504.340.1992 Fax 504.340.8600  
[www.rsi-global.com](http://www.rsi-global.com)