



Sfr Smart Solutions



Instrumentation and Control
SCADA Systems




Valve and Actuator
Automation and Control
Systems



24/7 Critical Mission
Control Centers



Photovoltaic Power
Generation and Energy
Efficiency Systems



Dear Clients and Strategic Partners:

It is a pleasure to reach out to you on behalf of SFR Smart Solutions to introduce our portfolio of products and services in engineering and project development. Our work is carried out under the highest quality standards and certified procedures.

We are a trusted company known for delivering comprehensive solutions to the industry, including conceptual and detailed engineering, procurement, construction, and commissioning—covering mechanical, electrical, instrumentation, and automation systems. All our projects are supported with full HSEQ documentation.

We partner with international technology providers who support and guarantee the quality of our work. Our team of highly qualified professionals is committed to providing outstanding service tailored to each client's needs.

If you require further information or would like to discuss how we can support your projects, please feel free to contact us. We look forward to the opportunity to work together.

Thank you for your time and attention

Alejandro Ruge
CEO.

EXPERIENCE



Specialized
Engineers



Sustainability
Program

-24h

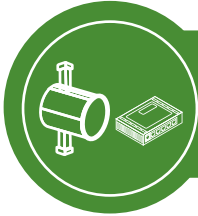
Stock Delivery
Lead Time (Hours)



24/7 Service
Center

0

HSEQ
Incidents



INSTRUMENTATION & CONTROL – SCADA SYSTEMS

Solutions for measuring, controlling, and remotely monitoring industrial processes, designed to optimize operational efficiency and ensure safety.

EQUIPMENT & TECHNOLOGY.

Geo SCADA
RTU Controllers
Trio Radios

We offer a complete line of SCADA and measurement products that provide flexibility, durability, user-friendly operation, and enhanced component integration—maximizing your system's functionality and performance.

Foxboro
by **Schneider Electric**



TELEMETRY.

We provide advanced solutions in telemetry, SCADA control, and instrumentation—designed to capture data from your most critical process variables. Our systems deliver the insights you need to make timely and strategic decisions for your business.



**INSTRUMENTATION & CONTROL
SCADA SYSTEMS**

www.sfrsmart.com

PROTECTIONS



NEMA 7-rated protection for classified areas.



Extended backup battery for both RTU and radio in case of power failure.



24-hour power backup system



All protection systems required to ensure operational reliability and continuity.

PHYSICAL SECURITY



Single-user access control for both hardware components and flow computer programming.



Full knowledge transfer included with system delivery.



Zero system downtime due to hardware, firmware, or configuration failures.



Full-time equipment availability.



Cybersecurity: Achilles® Level 2 and Synopsis Defensics™ certified.

Flow Computers

A Solution Tailored to Your Needs



Minimal implementation time thanks to compatibility between flow computers and SCADA systems.

CIRCULAR ECONOMY & SYSTEM EFFICIENCY



INSTRUMENTATION & CONTROL SCADA SYSTEMS



24/7 CONTROL AND MONITORING CENTERS

We design and equip 24/7 operations rooms for continuous monitoring of critical processes, integrating the latest technologies.

- We specialize in turnkey control center projects, combining high-quality visualization systems, ergonomic solutions, and comprehensive architecture, design, and construction services
- Our approach is fully aligned with your operational value chain—we understand the interactions between human factors, technology, space, function, and ergonomics.
- We provide high-level consultative services that ensure the sustainability and long-term value of your investment.
- Our quality control system ensures excellence in every stage of the project—from detailed engineering and materials specification to subcontractor management and full compliance with Colombian technical standards and international control room design standards (such as ISO 11064).

24/7 CONTROL AND MONITORING CENTERS

LEYARD **EVANS** **DATAPATH**
DESIGN & EQUIPS MISSION CRITICAL OPERATIONS EXCELLENCE BY DESIGN

www.sfrsmart.com



ONE SOLUTION FOR EVERY INDUSTRY



**Airports &
Transportation
Terminals**



**Security &
Government**



**Industry &
Utilities**



Oil & Gas



Energy



TECHNOLOGY

Cutting-edge technologies, including real-time monitoring systems, server redundancy, and specialized software to enhance control and reliability.



ERGONOMICS

Ergonomic workstation design with adjustable, functional furniture to support operator comfort and performance.



SITUATIONAL ASSESSMENT

We conduct acoustic and lighting quality evaluations and perform spatial optimization studies to enhance operational environments.



COMPLIANCE & STANDARDS

Full alignment with national and international standards such as ISO 11064 (Control Room Design) and ISO 9001 (Quality Management Systems).

INTEGRATED SOLUTIONS

24/7 CONTROL AND MONITORING CENTERS



MX Actuator



QX Actuator



L120 Actuator

KEY FEATURES



Graphical display with real-time trend.



•High-resolution screen with extended viewing distance.



Up to 50% faster installation and commissioning compared to other industry actuators.



Quick and easy maintenance.



Ambient light sensor for automatic brightness adjustment.



Ambient light sensor for automatic brightness adjustment.



Advanced diagnostics with analytical capabilities and data storage.



Multiple configuration options.



Submersible for up to 96 hours at a depth of 15.



INDUSTRIES SERVED

OIL

GAS

ENERGY

CHEMICALS

DRINKING WATER

WASTEWATER

GENERAL INDUSTRY

VALVES & ACTUATORS AUTOMATION SYSTEMS

Limitorque
FLOWSERVE

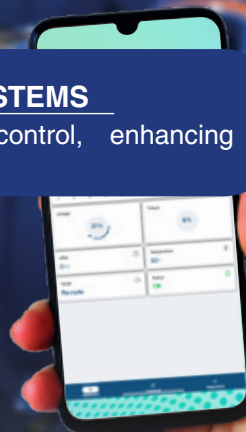
www.sfrsmart.com



VALVES & ACTUATORS – AUTOMATION SYSTEMS

Automation solutions for industrial process control, enhancing operational safety and efficiency.

**FLOW
SYNC**



SMART ASSET MANAGEMENT.

Remote Configuration

Enables setup and adjustment of operating parameters from a remote location.

Real-Time Monitoring

Delivers live data on the operational status of your installed fleet, including valve position, current, temperature, and other key parameters.

Fault Diagnostics

Includes advanced diagnostic tools to quickly identify and resolve issues.

Maintenance Scheduling

Allows users to plan and manage preventive maintenance tasks efficiently.



Safety.

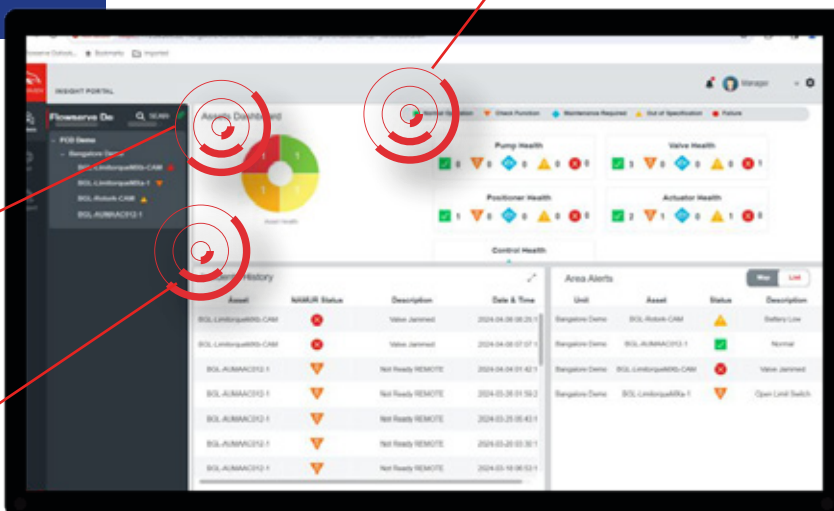
Improves workplace safety by enabling precise control of actuators, reducing the risk of accidents and on-site injuries.

Detailed Reporting.

Generates in-depth reports on actuator performance and operational status for better analysis and decision-making.

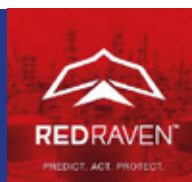
Advanced Diagnostics.

Provides access to advanced diagnostic tools to quickly identify and resolve system issues with greater efficiency.



Smart File Management.

Centralized and intelligent management of system files, logs, and configuration data—enabling faster access, improved traceability, and compliance with audit and maintenance requirements.



Limitorque
FLOWSERV

www.sfrsmart.com

VALVES FOR THE WATER SECTOR



**INDUSTRIAL
VALVES**

VALVES FOR THE WATER SECTOR



CHOKE VALVES



GLOBE VALVES



ANNULAR FLOW VALVES



GATE VALVES



TRUNNION OR FLOATING
BALL VALVES



GATE VALVES



CHECK VALVES



DOUBLE ECCENTRIC
BUTTERFLY VALVES



BUTTERFLY VALVES

**VALVES & ACTUATORS
AUTOMATION SYSTEMS**



www.sfrsmart.com



PHOTOVOLTAIC ENERGY & ENERGY EFFICIENCY

Sustainable and cost-effective solar power solutions for large-scale applications.

18.4

Installed Capacity



Specialized
Engineering Team



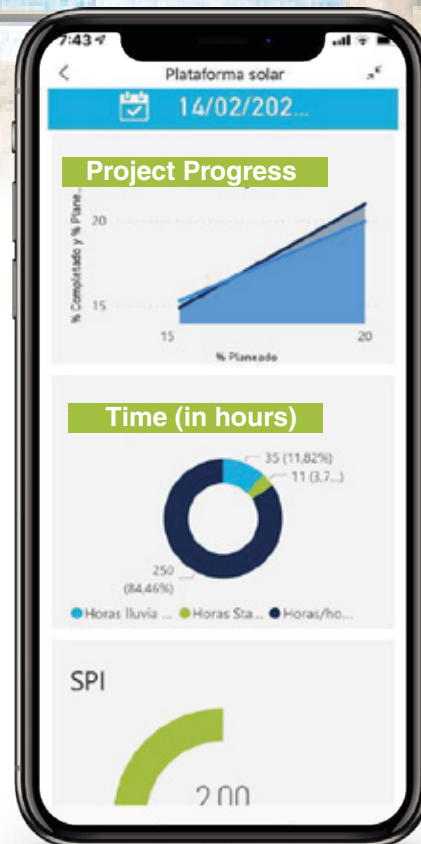
Preliminary Environmental
Design



Feasibility
Studies



Environmental Impact
Assessment.



Large-Scale Project Development – Solar Farms

We conduct thorough technical and economic feasibility assessments and manage permits and licenses across all project phases in compliance with current regulations.

Solar Plant Construction (EPC Mode)

We execute solar projects on both ground-mounted and rooftop installations under the EPC (Engineering, Procurement, and Construction) model. From initial design to commissioning, we handle every stage of the process—including procurement, assembly, testing, and installation—ensuring optimal system performance..

**PHOTOVOLTAIC ENERGY &
ENERGY EFFICIENCY**



Sfr Smart Solutions

25. Biscayne Boulevard
Suite 3200 #5261
Miami, FL 3331 USA
www.sfrsmart.com