

Job Title:	Sr. Systems Integrator/Engineer-SCADA	Status:	Full-time
Reports to:	SCADA Services Manager	Classification:	Exempt/Salary
Location:	Houston, TX	Closing Date:	January 15, 2018
# of positions:	1	Anticipated Travel:	25%

TIGA is an operational technology systems integrator based in The Woodlands, Lafayette, Dallas and Denver. We believe that systems integration is a fundamental component to leveraging new and well-established technologies against operational problems that exists within the Upstream, Midstream and Downstream Oil and Gas Sector. Our objective is to be a trusted service provider capable of integrating our clients Control Systems, Industrial Networks, SCADA Systems, Decision Support Systems and integrating the Real-Time and Custody Transfer Data into the Enterprise.

TIGA’s core service offerings are:

- Automation
- SCADA
- Data Infrastructure
- Enterprise Solutions

Experience:

- Candidate should be able to Design, Implement and Test SCADA Systems for:
 - Be proficient with BB scripting & software development best practices
 - Be able to build SCADA systems user interface screens
 - Be able to perform scripting for background functionality and additional functionality within the screen
 - Write software applications to enhance SCADA system
 - Onshore Production Facilities
 - Onshore Well Pad
 - Compressor Station
 - Meter Station
 - Stabilizer facility automation
 - Gas Transmission Pipelines
 - Crude Pipelines
- Candidate should be able to lead a team of up to 3 Engineers on a single scope of work.
- Candidate should be able to play a role in Proposal response by providing hours estimates for projects.
- Experience with application of PLC and programming languages.

- Allen Bradley Control Logix, SCADAPack, ABB Total Flow, Emerson ROC, Omni
- Experience with pipeline and upstream SCADA systems, equipment and facilities
- Experience with communication infrastructure
- Telvent SCADA, Cygnet SCADA, Clear SCADA, Ignition SCADA, Wonderware system platform, GE IFIX system experience preferred
- Experience in the development of data models based upon IO lists and one-dimensional data
- Experience Design and implementing a Comprehensive User Interface, including Dialogs, Context menu, etc.

Basic Skills/Qualifications:

- ENGINEERING MINDSET WITH A FOCUS ON SERVICE IS A MUST
- Strong understanding of Gas and Liquid flow, Heat Transfer, and Hydraulics
- Strong understanding of control theory as applied to digital onshore automation systems
- Able to identify and analyze problems and identify solutions with little or no information from client
- Strong understanding of SCADA and plc programming practices and standards
- Experience in instrumentation and control systems
- Experience in the specification of industrial controls and I/O hardware
- Familiarity with PLC and HMI applications from start to finish
- Experience in bulk or liquid material handling, natural gas, oil and gas, or power industries.
- Experience with planning and executing Factory and Software Acceptance testing.
- Experience with on-site commissioning, including hardware set-up and network set-up.
- Experience with securing Critical Infrastructure in and around SCADA and Control Systems.

Minimum Requirements: Experience, Educational & Special Training:

- Engineering Degree (Electrical, Mechanical, Industrial, Computer) or Computer Science Degree Strongly Preferred. Experience will be considered in lieu of degree/education requirements.
- Minimum 5 years' experience in Oil and Gas industry performing as lead or having a senior role in deployment of SCADA systems. Must have experience with some or all the following: Cygnet SCADA, Ignition SCADA, Rockwell ME/SE, GE IFIX, Wonderware System Platform, Wonder ware Intouch, Clear SCADA, Telvent.
- Must be a detail-oriented, results-driven individual with a commitment to quality, accuracy and the ability to organize and prioritize workloads to meet deadlines.
- Must possess strong interpersonal and excellent communication (written and oral) and interpersonal skills.



The Integration Group of Americas, Inc (TIGA)

www.tiga.us

Date: 1/19/2018

- Strong problem solving, technical, and functional skills with the ability to multi-task and be willing to learn.
- Must be able to take direction, work well in a team environment, and interact with all levels of management, engineering, systems, operations and field personnel.

Work conditions:

- Position will primarily work in a typical office environment but is expected to travel to project sites occasionally. Subject to time pressures and constraints, and is also dependent on input from others.
- Subject to drug and alcohol testing, per applicable federal regulations.