

Jeffrey R. Calvillo

Advanced knowledge of building multiple departments from a startup atmosphere to top notch environments that were key contributors to an organization acquisition worth \$3.5 billion. Key contributions included managing a Measurement Department that decreased an inherited gathering system monthly loss of 25% to less than 0.5%, developed an entire SCADA and communication system from scratch, designed and built a Gas Control Department, and created tools and reports that closely watched Key Performance Indicators for the Operations Department and were used in board presentations, all employee meetings, and weekly KPI and Gross Margin meetings.

SCADA Engineer and Project Manager



Available upon request



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Available to relocate worldwide



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AdventuresofJeffandSarah.com

SKILLS

- SCADA
- Measurement
- Control Room Management
- Facility Planning
- Simulation
- Scripting (VB, SQL, ST, Etc.)
- Alarm Management
- Ops. Performance Evaluation

EDUCATION

Bachelor of Science
Industrial and Systems Engineering
Texas A&M University – Dec 2011
College Station, TX
Engineering Project Management Cert.

HOBBIES

- Woodworking
- Backpacking
- Website Design
- Tennis
- Football (Soccer)
- Boardgame Design

EXPERIENCE

Enterprise Products
Houston, TX

SCADA Coordinator

Feb 2022 – Jun 2022

- Coordinated transition of Navitas's SCADA and Measurement systems to Enterprise

Navitas Midstream Partners
The Woodlands, TX

Supervisor, Operation Services

Jan 2019 – Feb 2022

- Constructed a process that established and routinely monitored Key Performance Indicators for the entire Operations group
- Liquid measurement liaison responsible for all condensate and NGL settlement calculations and third-party conflict resolution
- Designed and implemented nearly every aspect of a fully functioning Gas Control department including:
 - Interviewed personnel for the roles of Gas Control Supervisor and Controllers
 - Created a 3D model of the control room design and layout
 - Selected and assembled furniture
 - Directed electricians and contractors in building out the control room
 - Planned controller rotation schedule
 - Participated on Alarm Rationalization Team
 - Designed Alarm Management Tool that broke down controller workloads and alarm response times for controllers and field operators.
 - Customized faceplates to fit into the control narrative and SCADA design
 - Created and implemented process and documentation for commissioning projects
 - Wrote Standard Operating Procedures for plant complex residue gas and NGL

SCADA Supervisor

Aug 2015 – Jan 2019

- Direct supervisor of all measurement technicians
- Created and maintained test and sampling schedules for all meters in the system
- Sized meters for new connects, compression, and processing projects
- Managed implementation of FlowCal measurement software from scratch
- Managed implementation of PGas measurement software which converted data from
- Designed and implemented SCADA system from scratch
- Established communication network for field devices using licensed and spread spectrum

Chevron
Houston, TX

Contractor: SCADA Specialist

Jul 2014 – Aug 2015

- Handled a variety of commissioning work including adding, modify, and deleting SCADA points and displays for natural gas, oil, and chemical pipelines and facilities databases
- Created a database search tool that searches and modifies points in the point and display
- Developed an alarm management tool for quick modification of the alarm protocol database and its related SCADA configuration

Eagle Rock Energy Partners

Houston, TX

Engineer II: Measurement and SCADA

Jun 2012 – Jun 2014

- Handled all SCADA duties as well as Measurement tasks
- Developed and implemented a Gas Control system from scratch
- Developed and maintained a corporate SCADA system using a web interface with
- Managed, upgraded, combined, and optimized two AES polling servers for more efficient communication and decreased missing data
- Configured Kepware polling software for communication with Siemens S7 PLCs
- Thorough experience with Fisher Roc, ABB, Omni, and FMC meters and their respective
- Assisted in FlowCal Liquids upgrade verifying all data import methods
- Coordinated data gathering from all areas of operation

EnerSys Corporation

Stafford, TX

SCADA Engineer

Jan 2012 – Jun 2012

- Created and maintained SCADA systems for natural gas and liquid pipelines
- Integrated leak detection software into an existing liquid transportation SCADA system
- Participated in twenty-four hour support

Halliburton

Houston, TX

Student Engineering Consultant

Aug 2011 – Dec 2011

- Optimized multiple operations in their materials and procurement areas
- Designed and programmed an application that allowed for on the spot process mapping with picture, video, and timed confidence interval capabilities
- Created an experiment that quantified the usefulness of the application and determined its monetary value

Georgia Pacific

Corrigan, TX

Industrial Engineer Intern

May 2011 – Aug 2011

- Created SPC charts for lathing operation
- Trained employees in proper measuring procedures
- Conducted multiple time studies
- Participated in planning of a new multimillion dollar automation system

V O L U N T E E R

Houston Women's Center

Houston, TX

- Supervised and interacted with the children during weekly all-residents meeting
- Fall festival game stall attendant

Rebuilding Together

Houston, TX

- Painted and removed debris from home damaged by winter storm
- Landscaped for the same home