

# AP Sensing Americas LP

Houston, Texas

Position Available: Control Systems Technician – Distributed Fiber Optic Sensing

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## **About the company**

AP Sensing, headquartered in Boeblingen, Germany, offers distributed optical sensing technology (DTS, distributed temperature sensing, DAS, distributed acoustic sensing, DVS, distributed vibration sensing) for a wide range of applications. Based on our HP/Agilent heritage, with over 25 years of optical measurement expertise, we stand for top quality and well-designed solutions. We are proud of our passionate focus on customer needs, our expertise, our highly-qualified employees, our worldwide offices, and a network of expert regional partners. We are currently looking for a Control Systems Technician for our US entity, in Houston TX, to help us serve AP Sensing's customers in North and Latin America.

[www.apsensing.com](http://www.apsensing.com)

## **AP Sensing Markets:**

- Oil & Gas - Reservoir Performance, Condition and Stimulation Monitoring
- Pipeline Leak Detection, Flow Assurance and Third-Party Interference
- LNG Pipeline, Tank and Facilities Monitoring
- Power; HV and EHV Transmission Line Temperature and Ampacity Monitoring
- Linear Heat & Special Hazards Fire Detection
- Industrial Temperature & Vessel Monitoring
- Geophysical and Hydrological Monitoring

## **Job Description:**

The Control Systems Technician will perform all technical field work in the start-up, commissioning, calibration, configuration, inspection, troubleshooting, maintenance, and service of asset monitoring and control systems. The result and purpose of each assignment will be to ensure proper installation, configuration, calibration, and operation of the systems, and in many cases, proper training of customer operators and users. This person will serve as the field technical lead.

The position will support and work closely with the Project Management, Engineering, and Customer Support teams. This position requires a detailed oriented and technical person that would enjoy working in all facets of a dynamic engineering and customer support environment. The best candidate will be able to provide exceptional Technical Support for North and Latin American clients, must have strong technological and electrical aptitude, and must have speaking and writing proficiently in English and Spanish. This person must be highly driven, self-motivated, and able to work efficiently without close supervision. This candidate must be able and willing to travel 50-60% nationally and internationally.

## **Job Duties/Responsibilities**

- Develop an in-depth understanding of AP Sensing products and their value proposition
- Provide technical support to North and Latin American customers
- Be the technical lead on LNG, Pipeline, Power, Fire detection, and Industrial projects
- Participate in kick-off meetings and develop a comprehensive and full working knowledge of the assigned project
- Support and coordinate with Project Manager, Project Engineer, subcontractors, logistics, and other teams for a successful project start-up and commissioning
- Follow company standards and procedures
- Adhere and understand project specifications and requirements
- Verify proper installation, calibration, and configuration of the project monitoring system
- Perform point-to-point verification tests, field operational tests of the control systems, and make any necessary control system corrections to ensure that the system functions as described in the Sequence of Operations
- Identify control logic issues and make appropriate modifications, as necessary

- Conduct site-specific training to customer/operator and users on AP Sensing systems
- Respond to technical customer support calls - normal working hours or after hours, as needed (via email, phone, remote access, and/or on-site visit)
- Read and understand engineering drawings, wiring diagrams, and other technical drawings
- Know and apply the operating principles, purpose, proper application and design limitations of the system components and elements

### **Necessary Qualifications**

- Bachelor's or associate degree in a related engineering/technology field
- 0-5 years of professional experience. Entry level applicants are welcome
- Willingness to learn Fiber Optic Sensing and Lightwave Technologies (at a high level)
- Good problem solving and troubleshooting skills
- Good organization and planning skills
- Solid computer skills, and comfortable troubleshooting software and communication problems
- Basic electrical and electronics knowledge
- Interpersonal skills to interact effectively with business contacts, coworkers, and contractors in a businesslike, customer service-oriented manner
- Entrepreneurial spirit, self-starter, motivated to succeed, positive attitude, and able to work without close supervision
- Fluent in English and Spanish, with willingness to learn/work on Portuguese skills
- Well-rounded person with good business, communications, sales, writing and speaking skills

### **Preferred Qualifications**

- Experience with Fiber Optical Sensing (DTS, DAS, DVS)
- Fire detection experience
- Electrical and computer communication experience
- Fluent English, Spanish, and Portuguese

### **Physical Requirements**

- This position may require working outdoors, in mechanical/equipment rooms, and possible extreme weather conditions. While performing the duties of this job, the employee is occasionally exposed to moving mechanical parts and heavy equipment
- This position requires travel 50-60% nationally and internationally.
- The employee must be able to lift and/or move up to 25 pounds

### **What AP Sensing Offers**

- Exciting and interesting work (Distributed Fiber Optic Sensing for Oil & Gas, Power, Pipeline, Fire Detection and Industrial markets)
- A culture of trust, respect and openness
- Very flexible work environment with the ability to be in control of your destiny with AP Sensing
- High technology environment working across many industries with exciting technological solutions
- International work environment (working for a German company, supporting North and Latin America)
- Competitive compensation with a growing company
- Upward mobility and growth with the company
- Support for all business and travel expenses

### **Contact**

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