



AUTOMATED DUST MONITOR RECORDING SYSTEM

About Guide Star Engineering, LLC

GSE (est. 2006) is a technology based engineering company. Our staff of administrators, engineers and technicians applies their management, design, development and fabrication skills to meet the needs of government and industry. Our technical disciplines include: Electrical Engineering, Optical Engineering, Environmental Engineering, Personal Protective Equipment, Mechanical Engineering, Industrial Engineering, Computer and Software Engineering, and Physical Sciences.

Our Staff has over 100 years experience that includes the following:

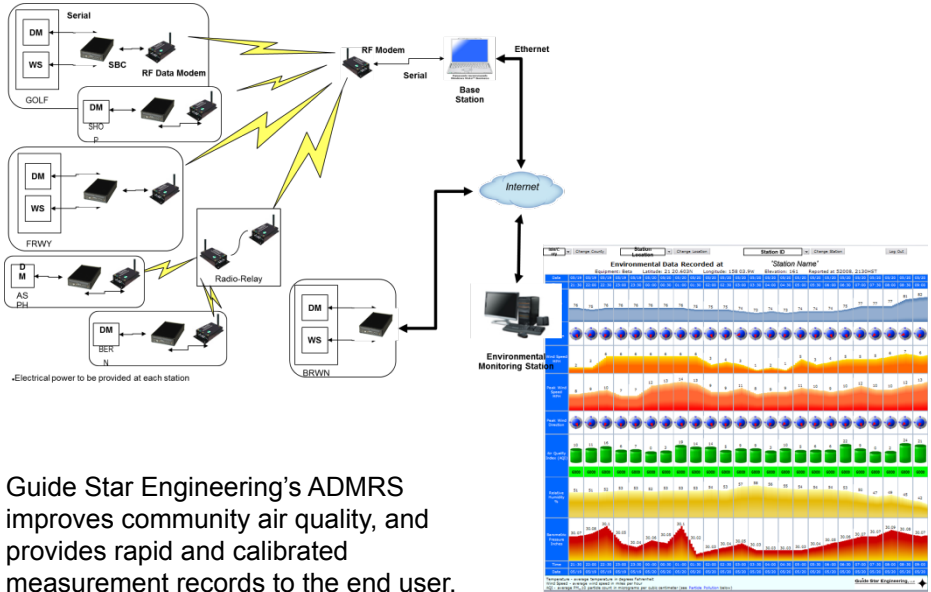
- Aerospace, Acoustics
- Sensors and Transducers
- Underwater and Airborne Platforms
- Data Acquisition Systems, Industrial Automation, Operator Interface
- Mechanical Structures
- Remote Sensors
- RF Communications
- Microwave Antennas
- Circuit Design
- Signal Processing
- Safety, and Security

Business Codes

- DUNS: 785149787
- SBA 8(a): Yes
- DBE: Yes
- Minority Owned: Yes
- VOB: Yes
- CAGE Code: 4K0S3

Air Quality Monitoring using ADMRS

Our *Sensor products* business area developed a solution that addressed community complaints of dust levels with a remote sensor system that provides timely and accurate measurement of air particle pollution.



Guide Star Engineering's ADMRS improves community air quality, and provides rapid and calibrated measurement records to the end user.

ADMRS produces a win-win solution for community and industry.

Solution

- Automatically record and report conditions
- Remote dust monitor stations (particle count)
- Remote weather stations

Technologies

- Measure PM10 and PM2.5
- ISM band data link
- Measure environmental conditions
- Web enabled

Features

- Portable
- Low maintenance
- Expandable
- Accessible via dashboard on the web