

**FIELD DATA SOLUTIONS**

# **REAL-TIME DUST, PARTICULATE, VAPOR, & GAS MONITORING**

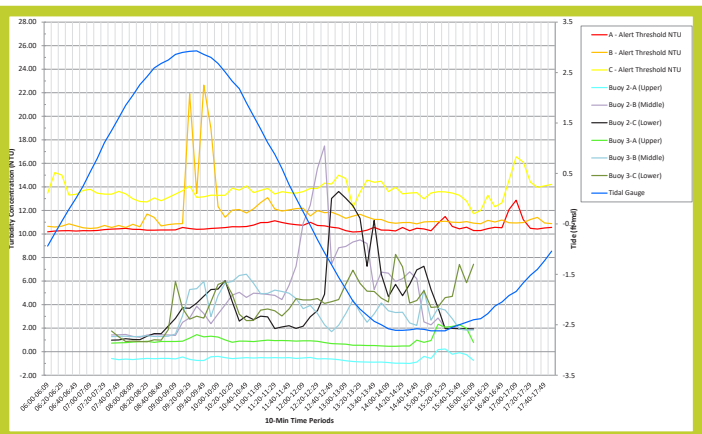
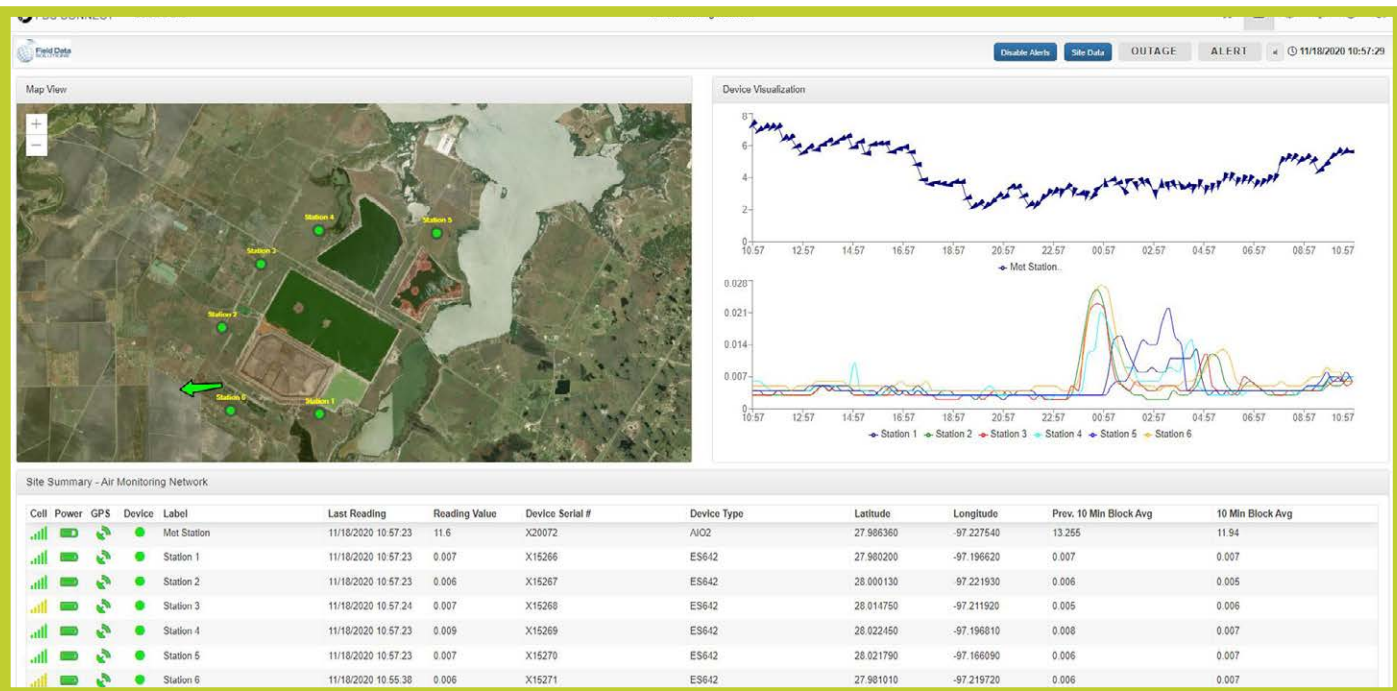
**QUALIFICATIONS STATEMENT 2023**



**FIELD ENVIRONMENTAL  
INSTRUMENTS, INC.**



**Field Data  
SOLUTIONS**



## Access to Real-time Data

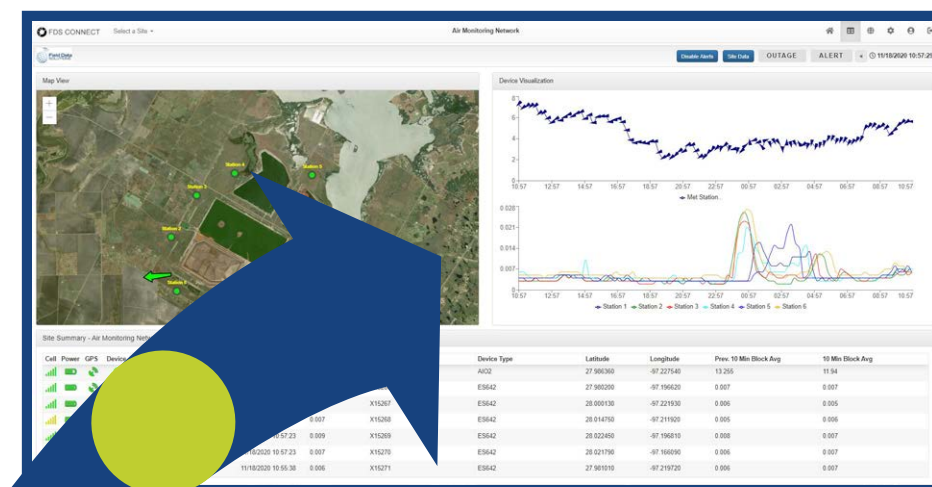
- Secure data storage and management
- Visualized data through charts and graphs
- Export data to Microsoft Excel
- Aerial overview with GPS-positioned instrument location

## Web-Based Platform

- Cross-brand compatibility with multiple devices
- No software installation
- Accessible from any location with internet connection
- Ability to give multiple team members access to the data

## Real-time Alerts & Alarms

- Provides the ability to instantly respond to changes in the field
- SMS notifications sent directly to your phone and e-mail



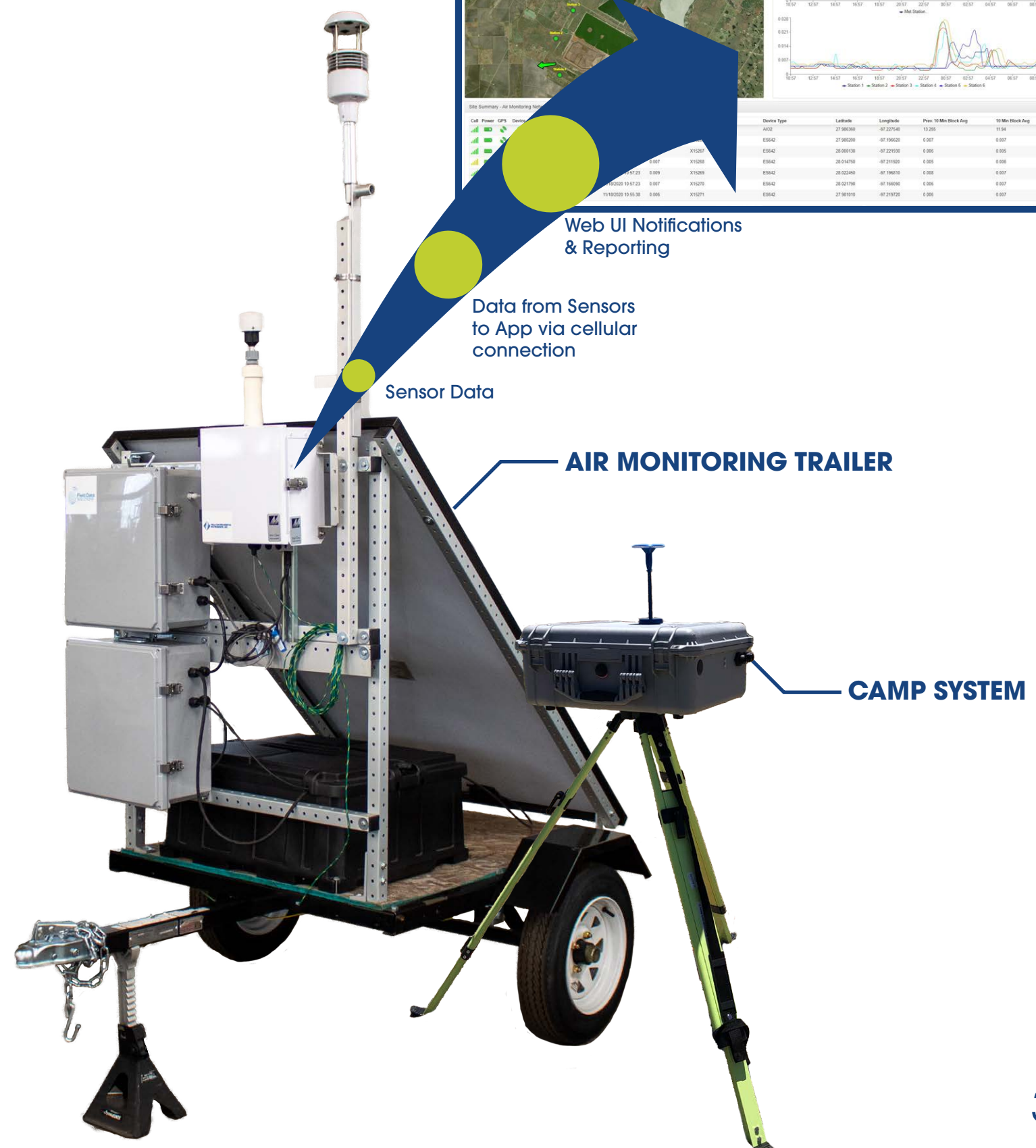
Web UI Notifications & Reporting

Data from Sensors to App via cellular connection

Sensor Data

AIR MONITORING TRAILER

CAMP SYSTEM





## CAMP System with FDS Connect®

### Supported Instruments

#### Gas Detection

- Rae Systems MiniRae 3000 PID
- Rae Systems MultiRae Multi-Gas Detector

#### Aerosol/Particulate Monitoring

- TSI Dust Trak II 8530
- TSI Dust Trak II DRX 8533

#### Meteorological

- MetOne AIO2 Sonic Weather Station

#### Sound

- Casella 633 Octave Band Analyzer

### Benefits

- Light, portable, and easy to assemble
- Instruments protected with durable, weather-resistant lockable enclosure
- Access to real-time data in FDS Connect® through 4G cellular connection



Transit System Construction Project - Los Angeles, CA 2018



Smokestack Demolition - Tonawanda, NY 2021



Superfund Site - Casmalia, CA 2021



## FDS Connect® Support for Continuous Monitoring Projects



FDS Connect® supports numerous instruments for continuous monitoring projects. These include standalone weather stations, gas monitors, and particulate monitors.

A comprehensive list of instruments is featured on page 10.



Incident Response - Rockton, IL 2022



Soil Removal & Remediation Project - Elmira, NY 2022



Gun Range Clean-up - Salt Lake City, UT 2022



## Air Mobility Trailer with FDS Connect®

### Supported Instruments

#### Dust/Particulates

- MetOne E-sampler
- MetOne ES-642
- MetOne ES-405

#### Gas Detection

- Rae Systems MultiRae Family
- Rae Systems MiniRae 3000
- Rae Systems PPBRae 3000

#### Meteorological

- MetOne AIO2
- LUFFT UMB-WSx
- MetOne 034B WS/WD
- MetOne 360 Tipping Bucket

### Benefits

- Designed for fixed positions
- Fully autonomous with solar panel charging
- Access to real-time data in FDS Connect® through 4G cellular connection
- Professional Appearance



Commercial Redevelopment - Staten Island, NY 2023



Soil Removal and Remediation Project - Elmira, NY 2022

## AIR QUALITY INSTRUMENTS SUPPORTED BY FDS CONNECT®

### RAE Systems by Honeywell TSI Incorporated

- Photo Ionization Detectors (PID)
  - MiniRAE Lite
  - MiniRAE 3000
  - PPBRAE 3000
- Multi-Gas Detectors
  - MultiRAE Lite
  - MultiRAE
  - MultiRAE Pro
- Particulate Monitors (Single Particle Size)
  - Dust Trak II 8530
  - Dust Trak II 8530EP
- Particulate Monitors (Multiple Particle Size)
  - Dust Trak II DRX 8533
  - Dust Trak II DRX 8533EP

### Met One Instruments

- Particulate Monitors (Single Particle Size)
  - ES-642
  - E-Sampler
- Particulate Monitors (Multiple Particle Size)
  - ES-405
- Particulate Monitors (Beta Attenuation)
  - E-BAM
  - E-BAM Gen2
  - E-BAM Plus
  - BAM 1020
- Meteorological Devices
  - AIO2 Sonic Weather Station
  - 034B/E Wind Sensor
  - AutoMet 580 Datalogger



Consolidation Cell - Memphis, TN 2022



Compliance Perimeter Air Monitoring - Corpus Christi , TX 2018



Compliance Perimeter Air Monitoring - Corpus Christi , TX 2018



**FIELD ENVIRONMENTAL  
INSTRUMENTS, INC.**

# EQUIPMENT RENTAL

## Rental Rates

- Fairest rates in the industry
- Flexible rental terms, real-time rentals
- Rental period **STARTS** the day after you receive the equipment (except for morning deliveries)
- Rental period **ENDS** the business day before FEI receives the equipment; for **LOCAL PICK-UP**, the rental period ends the day you call

## Delivery

- **FREE** local delivery and pick-up of equipment
- Equipment arrives the day before rental starts
- Items shipped worldwide via FedEx or UPS

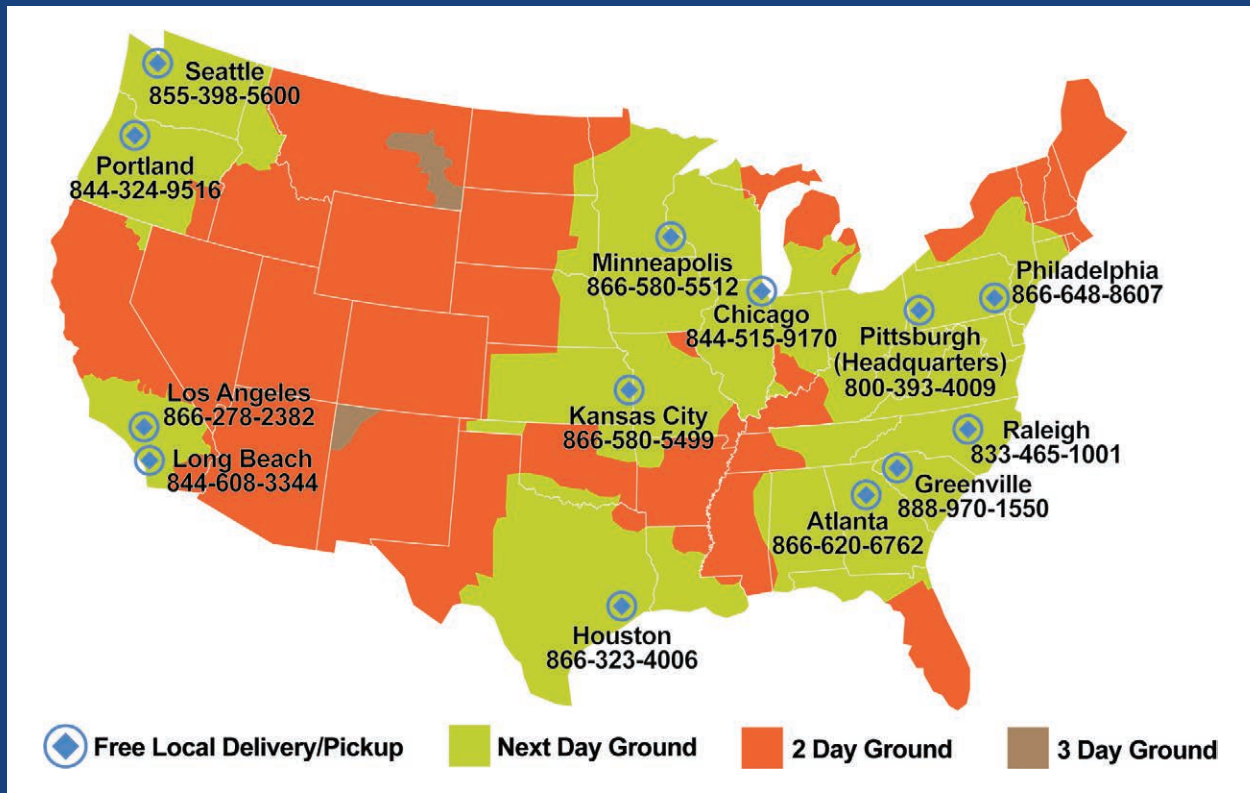
## Equipment

- No calibration or maintenance fees
- Instruments serviced and calibrated to manufacturers' specifications

## Support

- 24/7 technical support
- Cleaning, calibrating, and servicing the industry's most popular equipment

## Are you in the **GREEN ZONE**?



**Next day ground delivery if you are in the **GREEN ZONE**!**