

Advanced Environmental Instrumentation

Harnessing the Power of Mobile Computing



✓ Surveyed

✓ Documented

✓ Reported



Cloud-based logging, remote access and control of any of our WiFi-enabled AdvancedSense®, WolfPack® or DirectSense® meters.



Measurements are logged on the meter *and* to the cloud. Review data on smartphones, iPads, Droids, PCs or any web-enabled device. Attached notes (audio, text, photos, etc.) may also be reviewed. Data may be displayed as graphs and in tabular format. Remotely initiate and/or adjust log intervals, modify attached notes, change alarm levels and more. Download logged readings via WiFi to GrayWolf's WolfSense® PC data transfer and reporting software. Or download as a .CSV file to any device.

GRAYWOLFLIVE™

Remote Access to GrayWolf Data Collection Meters



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Applications for GrayWolfLive include:

• Indoor Air Quality (IAQ)

Access instrument data from afar; whether viewing GrayWolf IAQ monitoring kits left for hours, days or weeks measuring key IAQ parameters, or even units that your test engineers are utilizing for walk-thru, spot check surveys. Logged readings and attached operator notes (audio, text, etc.) are all easy to get to.

• Industrial Hygiene (IH)

The enhanced, **GWLive-ALERTS** version of GrayWolfLive enables text messaging to your smart phone and email to any internet accessible devices when toxic gas levels or other measured parameters exceed your defined levels. The alert message may be e-mailed or text messaged to multiple e-mail addresses or phone numbers.

• USGBC LEED IEQ Credit 3.2

Remotely check GrayWolf systems deployed in buildings undertaking LEED certification to determine when TVOC, HCHO, CO, PM10 (and O₃) concentrations fall below LEED IEQ

Credit 3.2 target values. At that point, reports can be generated, the GrayWolf equipment can be collected, and any additional air sampling that is determined necessary may be conducted.

• Heating Ventilation Air Conditioning (HVAC) & Facility Management (FM)

Monitor differential pressure over time and receive alerts when negative pressure conditions occur, or when set points for air velocity/%RH/temperature/dewpoint/CO₂/particulate (or other parameters on GrayWolf instruments) are exceeded in distant buildings or on another floor at your own location.

• Ambient Air (AA)

Leave GrayWolf meters outside for short-term tests and check them remotely when monitoring burn pits, process release plumes or other potential pollutant events. Also, access outdoor measurements in real-time to compare against indoor measured levels.

... and many other applications.

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MEASURE SMART

REPORT EFFICIENTLY

Specifications

Device Requirements:

Any web-enabled device may access GrayWolfLive through a standard browser (e.g. Chrome, Firefox, Safari). HTML 5 is required to playback Audio Notes.

Download Software:

WolfSense PC 4.00 or better to import from GrayWolfLive direct (and utilize WolfSense PC and WolfSense ARG reporting capability). However, .CSV files may be exported to any device in lieu of being utilized with WolfSense PC software.

Cloud Storage Memory:

Note that logged measurement data is stored locally on the meter AND synced to the cloud for remote access, data sharing and security. Meter memory will vary. Cloud storage: 256 MB standard per account (at 1 minute intervals >9 years of data, but audio/photo/video notes will reduce this significantly).

Example:

Devoting 10% of your GrayWolf Live storage to Audio and 50% to Photos (at approx. 2-4MB per photo), you could store ~200 minutes of audio, 32-64 pictures and log data at 1 minute intervals for ~3 years. Optional, added memory available (for expanded photo/video use).

Bandwidth:

2-4 KB/min (plus extra for Notes, Audio and Photos)

Internet Access:

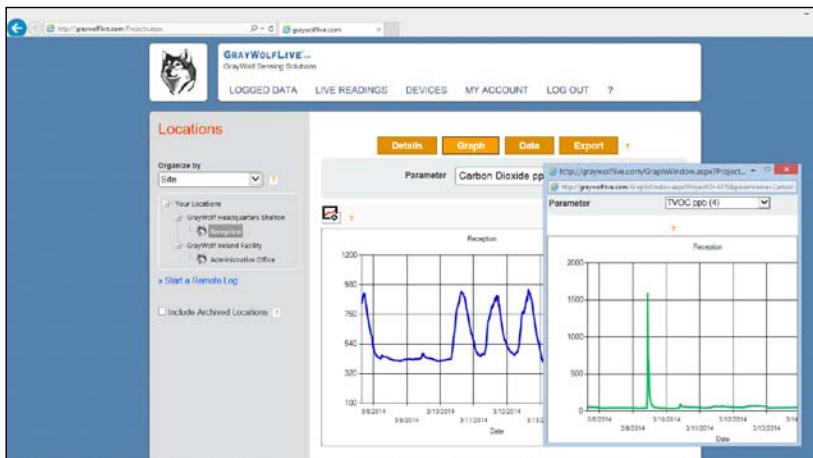
An unlimited number of authorized users may access your (password protected) files simultaneously.

Email/Text Alerts (GWLIVE-ALERTS version only):

Send to 10 e-mail addresses and/or 5 phone numbers maximum (in some countries, the number of texts per month is restricted; contact GrayWolf for details).

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT FURTHER NOTICE

Older AdvancedSense, WolfPack and DirectSense instruments that don't have WiFi capability may be upgraded by GrayWolf at a nominal charge to enable the powerful, efficient GrayWolfLive feature.



▲ GrayWolfLive Control Panel

The GrayWolfLive Control Panel automatically formats to fit the internet accessible device that you log in with (via your password protected account). Review information from GrayWolf instruments at one or multiple (unlimited) locations. Logged data can be displayed as "Details" (shows specifics about the location, min/max/avg, attached notes and latest log), "Graph" (shows 1 or more simultaneous trend graphs for logged data), "Data" shows logged info in tabular format and "Export" lets you import the data into GrayWolf's reporting software (on a Windows PC) for cut and paste reporting or optional, WolfSense ARG automated report generation. Alternatively, export the data as a .CSV file to any device. In addition, view "Realtime" readings accessed at approximately 30 second intervals, independent of the data-log interval. "Devices" allows you to remotely set units, alarm levels or other functions on specific GrayWolf instruments.



▲ Remotely access units set up for continuous monitoring.

Access any GrayWolf parameters via WiFi enabled AdvancedSense, WolfPack or Windows PC (e.g. Particulate, ▼ Formaldehyde, etc.).



▲ Remotely access technicians' portable test meter data.



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