

MONITORING AND CONTROL FOR OIL AND GAS

OVERVIEW

PressureTrac is a dedicated web-based pressure management software system for displaying, recording and exporting pressure data from the range of OSPREY pressure and control monitors. It also provides full remote configuration of all OSPREY monitors directly. The data is displayed both graphically and tabulated for quick and easy viewing, along with accurate GPS positioning of all devices in the field.

The real advantage to PressureTrac is the method by which data from the OSPREY monitors is recorded. Rather than a device serial number or a location description to identify the source of the data we use "Device Measuring Points" (DMPs). A DMP is the hybrid identifier of a monitoring device at a specific location.

The OSPREY's built-in GPS will allow PressureTrac to accurately plot the position of the units and ensures that all pressure readings are always attributed to the correct DMP. This allows the user to move the OSPREY monitors wherever needed - but retain specific data and the history of each measured point on the gas network. This also eliminates errors associated with allocating monitor serial numbers to nodes and assets.

PressureTrac allows OSPREY monitors to be configured remotely. Device settings can be altered, providing full control and allowing changes dependent on the current environmental conditions. These include logging intervals, reporting times and alert thresholds. Alert conditions can be configured and are automatically reported to users via SMS and/or email.

PressureTrac has full data export capability, allowing the information gathered by the OSPREY monitors to be exported to business systems for integration into existing processes via an automatic customer-specific service or an industry-standard SQL interface to a Microsoft SQL Server database system. PressureTrac can be integrated with SynerGEE® Gas, DPRS, DNCS and more.

FEATURES AND BENEFITS

- ▶ Fully web-based (secure Intranet or Internet)
- ▶ No client PC software required; no dongles
- ▶ Integrated with Google Maps
- ▶ Automatic data collection from all units
- ▶ Instant SMS and email alerts
- ▶ Export designed for 3rd party software used by the customer
- ▶ Enterprise class database storage
- ▶ Simple configuration of measuring points
- ▶ GPS positioning of devices
- ▶ Fast alerts mean that over or under pressures can be resolved quickly
- ▶ One glance reporting for fast decision making
- ▶ Configure monitoring points quickly and easily
- ▶ Automatic data management eliminates manual errors
- ▶ Modern, simple and intuitive interface
- ▶ Full customer service and training



HOSTING CHOICES

PressureTrac can be installed on the client's server or hosted by Abriox, depending on specific requirements.

Hosted by Abriox - cost-effective for short-term trials of the System but with a limit of 1000 OSPREYs and an ongoing hosting cost per month.

Hosted by the User - the software has been designed to be installed on an in-house server, so that users have full control over their own data. There is no limit to the number of OSPREYs and no ongoing hosting costs.

PressureTrac is designed and distributed uniquely by Abriox. Software updates are made freely available during the warranty (or service contract) period.

PressureTrac has been developed to be compatible with most modern browsers. We recommend you use the latest version of your chosen Browser.

ABRIOX HOSTING FEATURES

- ▶ Latest version applied automatically
- ▶ 99.99% uptime (
- ▶ Resilient 100Mbps connection
- ▶ 24/7 Monitoring
- ▶ Automatic backups
- ▶ Access from anywhere

SELF HOSTED REQUIREMENTS

- ▶ Windows Server
- ▶ Internet Information Services (IIS) 7
- ▶ Microsoft SQL Server
- ▶ Internet access
- ▶ Expandable storage
- ▶ Experienced IT staff to install



ABOUT US

Abriox is a dynamic high technology company specializing in remote monitoring and control for pipelines with US Headquarters in Texas and European and International Headquarters in the UK.

GET IN TOUCH

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TECHNICAL SPECIFICATIONS

Supported Operating Systems:

- ▶ Microsoft Server

Supported Databases:

- ▶ Microsoft SQL Server

OSPREY Configuration and Control:

Full remote configuration and control of OSPREY monitors including:

- ▶ Communications
- ▶ Server settings
- ▶ Reporting frequency
- ▶ Data upload times
- ▶ Sample and log rates
- ▶ Export options

Data Management:

- ▶ Data stored in Enterprise Class SQL Server
- ▶ Full history
 - ▶ System logs
 - ▶ User events
 - ▶ Message logs
- ▶ Custom export options
 - ▶ Full data
 - ▶ Date range
 - ▶ Single export
 - ▶ Group export
- ▶ Export formats
 - ▶ CSV
 - ▶ XLXS

User Management:

- ▶ Easily create and manage system users
- ▶ Add/edit user alert format, email or text
- ▶ Multiple users can log in and access data
- ▶ Different roles restrict configuration and control access

DMP Management:

- ▶ Easily edit DMPs
- ▶ DMP group management

Alert Identification:

- ▶ Custom low/high alert thresholds (set graphically or by numeric input)
- ▶ SMS (text) and/or email alerts to supervisory staff
- ▶ Easily identify OSPREYs in alert mode via the PressureTrac software

Data Display:

- ▶ Easy-to-understand graphical display
- ▶ Numerical data table
- ▶ Google Maps API shows location of monitors
- ▶ Configurable measurement display period
- ▶ Unit battery level and status information
- ▶ Tool-tips - aid the user on how to utilise the PressureTrac software
- ▶ Responsive web layout to aid viewing no matter what device (PC/ Tablet/Phone)

Business System Integration:

- ▶ SynerGEE® Gas
- ▶ DPRS
- ▶ DNCS
- ▶ SCADA

Specifications are subject to change without prior notice.

USER TYPES AND ROLES

Depending on the type of system you choose, there are varying types of Licence available, each with different levels of authority.

Admin*: Full control over the PressureTrac system and installed OSPREY units

Controller: Full control of OSPREY units but no control over the PressureTrac system

Technician: Limited control of OSPREY units but no control over the PressureTrac system

Viewer: No control of OSPREY units, read only access for viewing OSPREY data

*The Admin role is only available to customers hosting their own systems.