DATAL ALet™
Web-based, real-time cylinder gas and liquid management system

Combines cellular and internet technologies to provide a complete remote telemetry solution

- Online cylinder contents with remaining deliverable quantity data
- Instantaneous pressure and liquid level data and trend reports
- User-defined, remotely accessible low level alert set-points
- Alerts and reports via fax, email and web browser
- Automatic “hands-off” product reorders available if desired
- GPS location mapping of cylinders in use
- Interface with SHOP@airliquide™ provides:
  - Certificates of Accuracy for Scott™ gas mixtures
  - Product specs and lot numbers for ALPHAGAZ™ pure gases
  - Cylinder history, delivery and reorder information

DATAL works with any hardware and gas supply configuration—from a single cylinder with regulator to multiple cylinders connected to a manifold. At left DATAL is shown with our CEMStation™ using Scott EPA protocol gases and equipped with Scott Model 215 two-stage stainless steel regulators, RM Series manifolds with anti-whip pigtailed and DATAL ALet wireless telemetry system.
Our web-based gas management telemetry system provides you with an accurate, easy-to-use and cost-effective means of tracking your cylinder gas usage. DATAL Alert gives you more control than ever before—the ability to continuously monitor your cylinder gas assets as they’re in use.

DATAL Alert will seamlessly collect, analyze, format, transmit and report your critical cylinder gas data 24/7 through our customized web application interface. Reports and messaging are available via pager, email, fax and web browser.

You can predict gas usage to help minimize your on-site inventory of cylinder gases and receive notification when gases reach predetermined levels. Our DATAL Alert system allows you to decide when to schedule replacement cylinders, or you can let Air Liquide take care of replenishing your gas supply—automatically.

DATAL Alert electronic components feature low power wireless telemetry technology and can be powered from internal primary batteries, solar panels and rechargeable batteries, or directly from external power supplies ranging from 6 to 60 volts DC or 115 and 230 volts AC to eliminate the concern about power failures. A heated power supply option is available for use in extremely cold climates in order to maintain proper operation of LCD displays and the internal battery.

DATAL Alert can use various networks such as GSM, Reflex and Vistar Satellite, or WiFi to communicate cylinder gas usage information from the field. A system can be configured to handle up to 12 points (manifolds or multi-cylinder packs) on a single data port module and can be accessed remotely via computer or tablet. Additional modules can be connected either wirelessly or hard-wired.

DATAL Alert wireless telemetry system using Scott™ Model 8404 ChangeOver System with ALPHAGAZ™ pure gas cylinders featuring SMARTOP™ valves and using Smart-Hose™ anti-whip pigtails.

DATAL works with any hardware and gas supply configuration—from a single cylinder with regulator to multiple cylinders connected to a manifold.
DATALert uses GPS to map your cylinder locations throughout your facility or region.

DATALert makes it easy to organize and keep track of all of your cylinder assets.

DATALert reporting includes accurate trending data that forecasts gas usage—thus empowering you to minimize on-site cylinder inventory.

Establish pressure levels at which alarm notifications will be generated. Even change alert setpoints remotely via computer or tablet. Then you can decide to place a reorder—or take a “hands-off” approach and let Air Liquide automatically replenish your gas supply.
DATAL ALERT works with cryogens too

DATAL ALERT uses a C-Stic digital liquid level gauge that is engineered to provide accurate and reliable level measurements when used with cryogens such as nitrogen, oxygen, argon, carbon dioxide and nitrous oxide. Capacitance of its all stainless steel sensor increases ratiometrically with the liquid coverage and is converted into an easy-to-read display with 0.1% resolution. The unit also features an analog 4-20mA loop connection to be used for industrial control or remote purposes. When the front key is pressed, C-Stic measures and displays the fluid level, then switches off automatically.

Cryogenic Monitoring Features

- Robust, long-lasting construction
- All stainless steel sensor
- Up to 35 bar (500 psi/3.5 MPa) nominal pressure
- Standard 4-20mA loop with life indicator
- Uses a standard 9V battery (included)
- Easy adjustments
- 0.1% resolution digital LED-display

Air Liquide also offers carts, hoses and other accessories for use with cryogenic containers. Call 800.654.2737 to request a catalog, or visit our website shown below.