iSCADA® DataAlert™ is a world-class turnkey remote monitoring and alarming service. DataAlert is targeted at small-sized remote asset operations. DataAlert includes 24x7 Network Operating Center support, which provides remote system monitoring and customer support. DataAlert service includes:

SCADA Functionality

Data acquisition, monitoring, reporting, alarming, and trending.

Web Browser Access

Universal Internet access to remote operations with intuitive interface, familiar navigation, and no client hardware or software requirement.

Field and Server Systems

Data presentation application, robust servers, all field equipment (serial connections to existing panels, additional analog & digital I/O, satellite communications, etc.) and connection infrastructure.

Protocol Support

DataAlert service includes the D+ satellite communications unit, which supports MODBUS communications.

Communications

Communications expertise and partnerships that provide economical and best-of-class options for appropriate communications links, including spread spectrum, licensed radios, satellite, and terrestrial communications.

Turnkey Infrastructure

Comprehensive network infrastructure that ensures data integrity, availability and security, and M2M's network operations center provides complete management of the facilities that transport the data payload.

High Security

Defense-in-depth security including strong encryption of data and communications, multi-factor authentication, IDS, firewalls, hardened OS and system architecture, and stringent security policies and procedures.

DataAlert Service Details

Data Acquisition

    Standard service includes monitoring of up to 10 data points

- ▶ (Example: Run status, oil pressure, vibration, suction pressure, discharge pressure, oil temperature, jacket water temperature, external battery voltage, RPM, and first-out-shutdown)

    Standard field I/O configuration:

- ▶ 1 serial port interface to compressor control panel (RS232 and RS485 available)
- ▶ 8 I/O channels configurable as follows:
  - • ·Up to 8 single-ended analog inputs (0-2.5 vdc), or
  - • ·Up to 8 digital inputs (2.5 vdc), or
  - • ·A combination of both.

Data Reporting

- ▶ 30 daily reports per month plus alarms reported on a report-by-exception basis with a scan rate of four times per minute

DataAlert is a rapidly deployed, managed machine-to-machine communications platform used for monitoring and controlling remote, mobile, and fixed assets. iSCADA® uses Internet, wireless, satellite, smart field devices, and a mix of proprietary M2M technologies to efficiently communicate operating data between people, devices, and systems.

- Monthly, turnkey communication services with minimal or no capital expense
- No new tools or training required; minimal demand on your field crew and engineering resources—turnkey
- High level of security
- No customer maintenance
- Managed upgrade path
- No application retooling
- More reliable, available, and scalable system supported by more expert resources, than a single company can afford
    - Backed by Service Level Guarantees.

DataAlert Features

- Rental option available (no capital expense)
- Risk-free 30 day trial
- Proven, robust and reliable service
- 99.7% availability guaranteed by Service Level Agreement
- Automated reporting
- Demand poll
- Simple installation
- 24 x 7 M2M Network Operating Center support
- Integrates with M2M's standard iSCADA® service
    - Standard service includes monitoring of up to 10 variables

Options

- Solar power

Other AlertServices™ Products

- StatusAlert™
- CompressorAlert™
- FlowAlert™
- LevelAlert™