Corporate Presentation | July 2015

GLOBAL REMOTE TECHNOLOGIES LTD.

GRT is a publicly traded Canadian company with offices in Denver CO, Houston TX, Vancouver BC, and Mexico City

CNSX:RGT

Corporate Overview

- **Global Remote Technologies** (GRT) specializes in oil and gas remote sensing and data aggregation. Prospector integrates with existing sensor information, if available, adds sensors when missing, and transmits telemetry from pipeline, drilling, and production sites to a central server where it is viewed in Prospector web interface (viewer).

- The system is designed to provide key personnel with early warnings to avoid disasters while lowering NPT (non-productive time) and response time. Prospector provides vital information for equipment status, storage tanks, pipelines, exploration, production, and the transmission of oil, gas, and water.

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Product Overview

Collect

Distribute

Display

Analyze

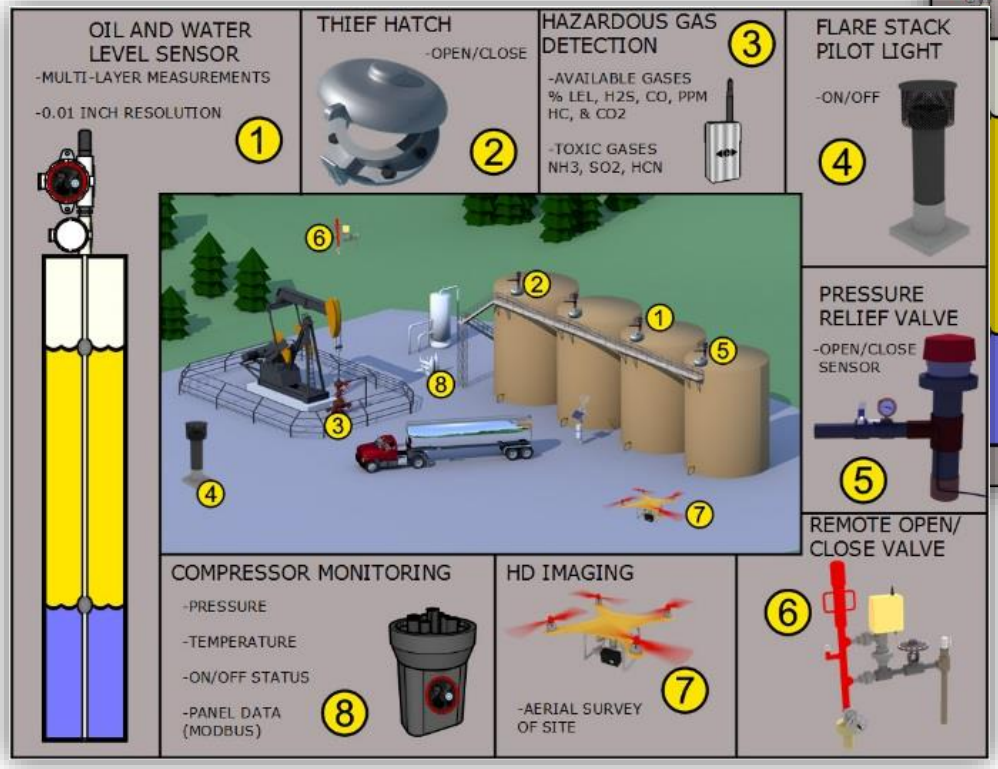
Collect-Distribute-Display-Analyze

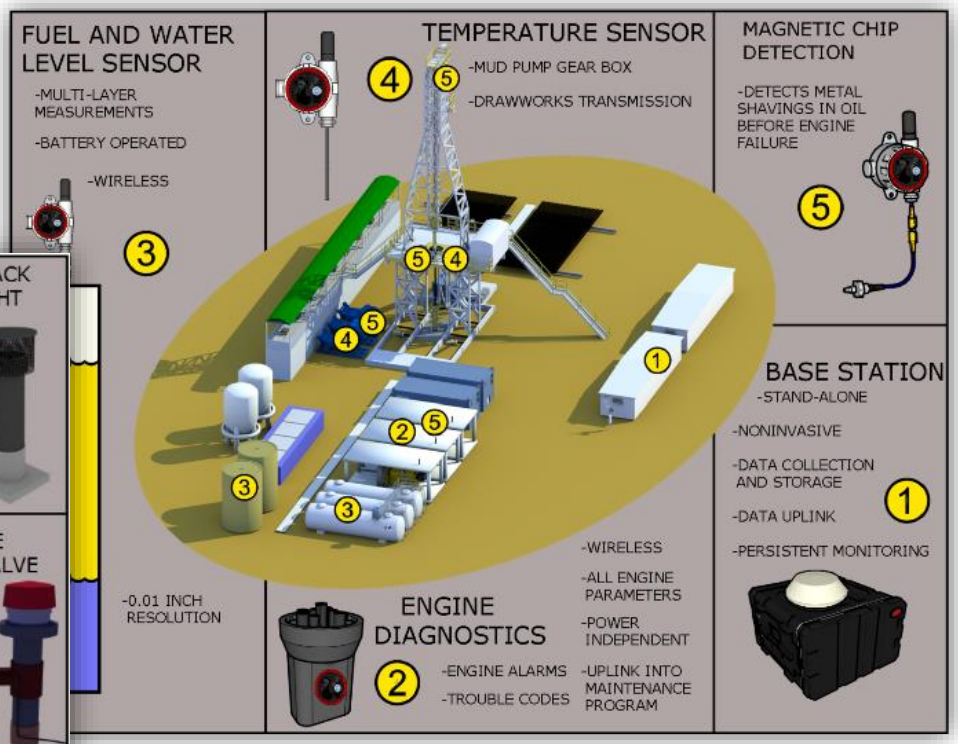
The industrial complex is presently collecting oil and gas field data across its broad infrastructure through numerous and varied sensor technologies. However, the integration, collection, assessment, and proper distribution of that data has varied from program to program. **GRT**, using its sophisticated data aggregation, new algorithms, and display abilities has solved this problem.

Data Aggregation

GRT uses a wireless-sensor based, persistent monitoring, and data aggregation technology (**Prospector**). It combines real-time critical monitoring of multiple sensors for fluid levels, temperatures, engines, safety equipment, and compliance sensors in one package. This information is collected and exported offsite to a centralized server where it is processed and viewed using a web-based interface.

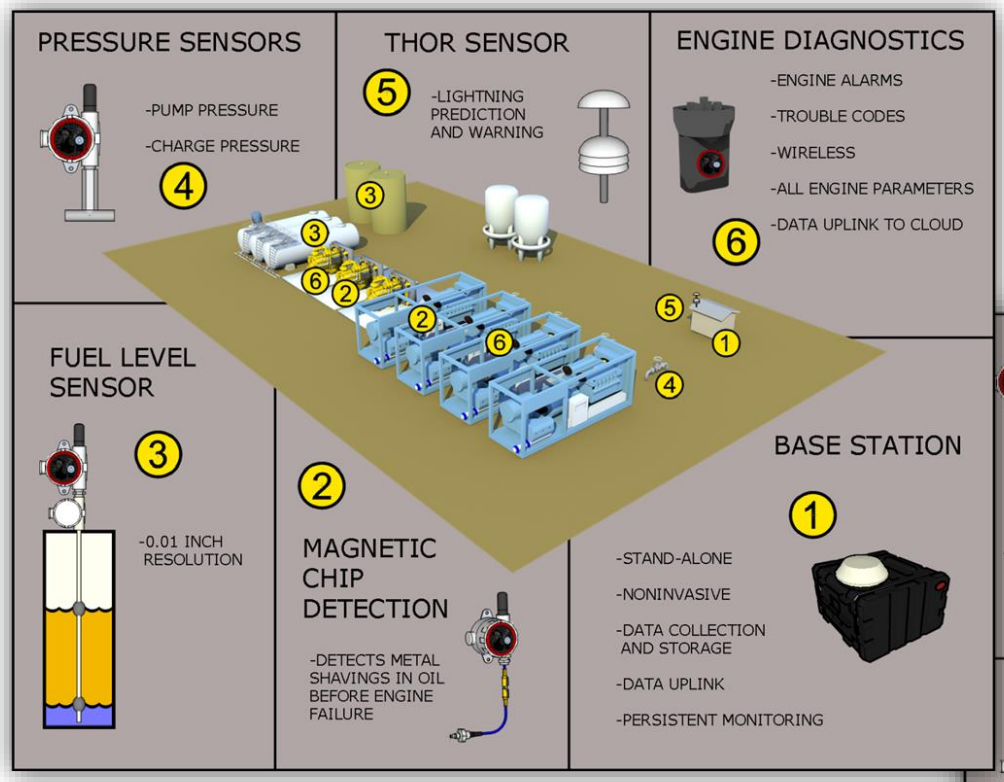
Production





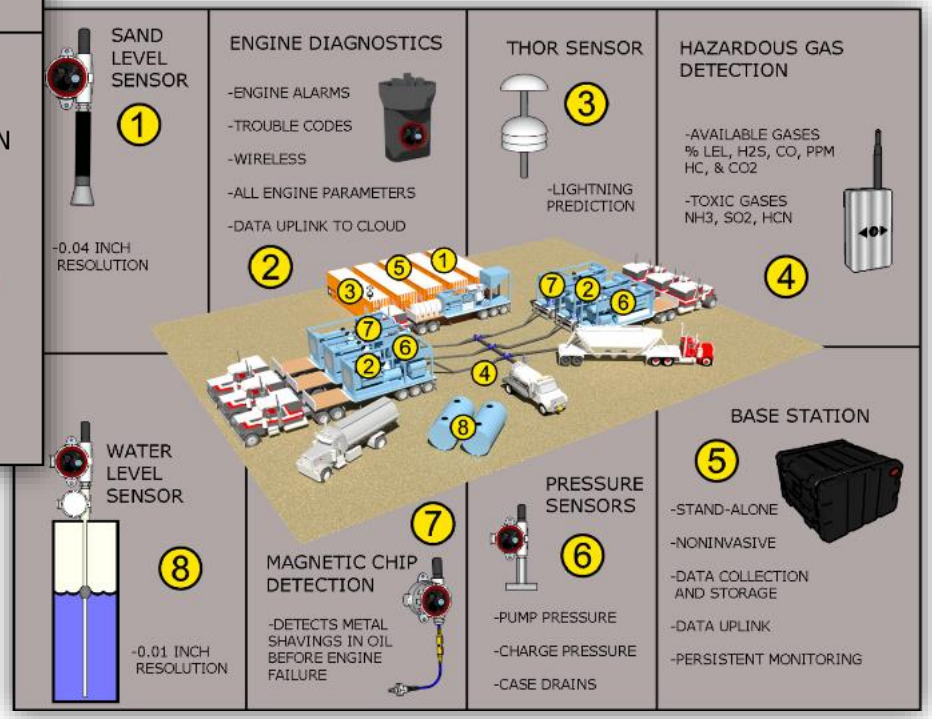
Drilling

PROSPECTOR TECHNOLOGIES INC.



Compressor

Fracking



Site Mapping

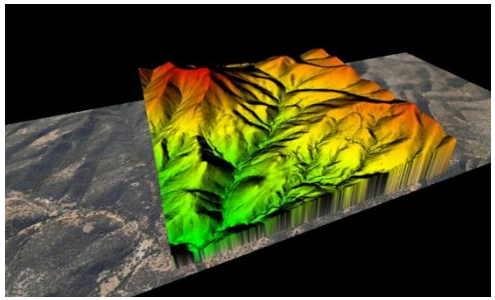
GRT deploys a sophisticated site mapping system (**Kestrel**) that combines compact hyperspectral, multispectral, and high-resolution digital imaging systems suitable for light aircraft, helicopters, and UAVs. This information is displayed in the Prospector web viewer.

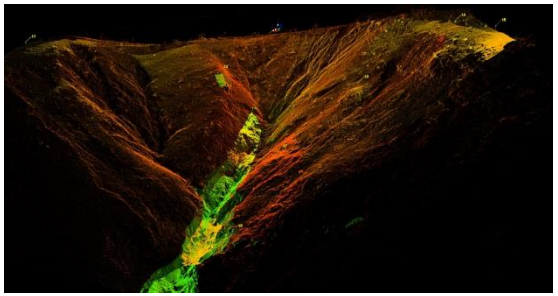
Kestrel - Airplane

Kestrel

Airplane mounted equipment provides Kestrel with the ability to analyze very large areas with ease for:

- LIDAR
- HD Imaging
- ROW surveying
- Large Field/City Mapping
- Pipeline Locating
- Project Tracking





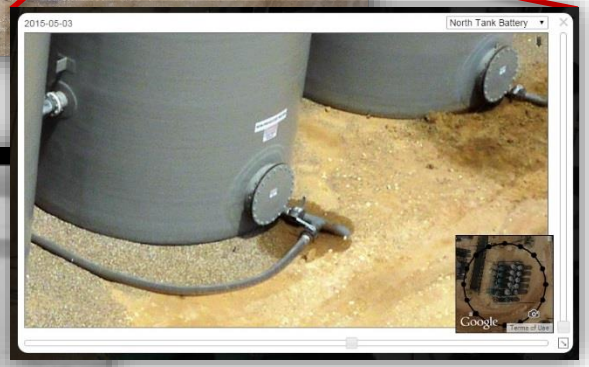
Kestrel - UAV

KESTREL

Kestrel

UAV mounted equipment provides Kestrel with the ability to analyze local areas with ease. GRT uses this analysis for:

- Site Imaging HD
- Compliance Violations
- Leak detection
- Corrosion Detection
- IR Emissions
- Thermal



Data Display

The **Prospector** web interface is the primary method used to access the aggregated live data. This user-friendly, web-based interface provides real-time intuitive access to the status of your valuable assets.

Web Interface

GUARDIAN Status Data Map Subscriptions Demo Account - Settings Log Out

New Frontier Global

Severity	Transition Time	Region	Site	Equipment	Measurement	Latest Value
	2015-05-26 08:38:27	Zulu Oil Field	Fracking Site	Engine 2	Total Fuel Used	3323302 gal
	2015-03-19 16:34:50	Zulu Oil Field	Fracking Site	Engine 2	Coolant Temperature	264.20 °F
	2015-03-19 16:34:53	Zulu Oil Field		Engine 2	Engine Speed	2400.0 rpm
	2015-04-23 16:58:41	Zulu Oil Field		Oil Tank 1	Tank Level	55.62 in
	2015-06-09 17:58:27	Demo Kits		nk 5	Tank Level	66.45 in
	2015-05-05 14:47:19	Zulu Oil Field		k 1	Tank Level	82.40 in
	2015-05-05 14:47:19	Zulu Oil Field		k 1	Water Level	82.40 in
	2015-04-13 18:44:59	North-East Region		5	Tank Level	48.52 in
	2015-04-13 18:37:30	North-East Region		7	Tank Level	126.78 in
	2015-04-13 18:29:55	South-East Region			Tank Level	335.32 in
	2015-04-13 18:14:37	North-West Region		1	Tank Level	25.79 in
	2015-04-13 18:14:35	South-East Region			Tank Level	197.21 in
	2015-04-13 18:14:34	North-West Region			Tank Level	48.42 in
	2015-04-13 18:11:43	North-East Region	East Milton Site		Tank Level	334.29 in
	2015-04-13 18:11:11	South-East Region	South Neegronda Site		Tank Level	224.91 in
	2015-04-13 17:43:38	South-East Region	East Lamar Site		Tank Level	131.99 in
	2015-04-13 17:20:20	North-West Region	alamity Ridge Site		Tank Level	9.13 in
	2015-04-13 16:56:24		illow Creek Site			9.44 in
	20		acking Site			14 gal/h
	20		acking Site			34 psi
	20		harlie Site			.14 °F
	201		oduction Site			4 in
	201		avo Site			1 psi
	201			Engine 5		6 psi
	2014			Engine 1		60 °F
	2014			Engine 1		00 rpm
	2014			Engine 1		%
	2014			Diesel Tank 4		94.84 in
	2014			Oil Tank 1	Temperature	69.80 °F
	2014	Zulu Oil Field		Drawworks 1	Temperature	32.00 °F
	2014-11-13 14:25:03	Zulu Oil Field		Engine 2	Accelerator Pedal Position	31.20 %
	2014-10-27 13:24:23	Zulu Oil Field		Engine 1	Electrical Potential	31.10 V
	2014-10-27 13:23:39	Zulu Oil Field		Engine 1	Fuel Rate	0.01 gal/h
	2014-10-27 13:22:56	Zulu Oil Field		Engine 1	Engine Oil Pressure	62.16 psi

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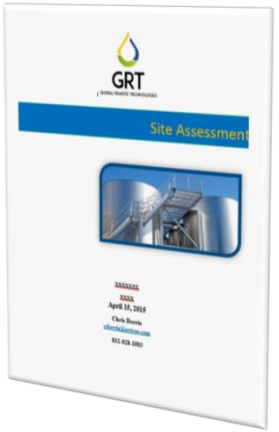
Web Interface

The Prospector web interface is the collection point for all accumulated data:

- Threat Board
- Mapping
- Sensor Data
- Personnel
- Alarms/Alerts
- Hazards

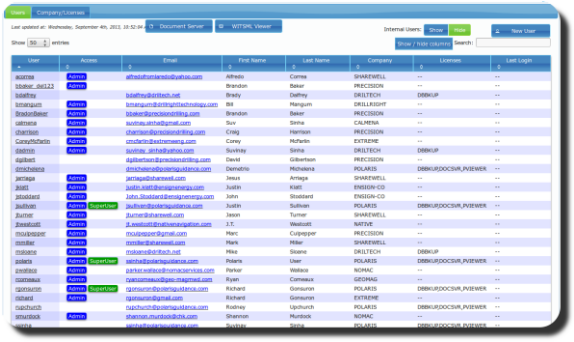
Analyze

GRT performs a comprehensive assessment using the collected data, leak detection equipment, and a ground-level physical inspection. Using information gathered from the site, a corrective action plan is generated laying out recommendations for improvement.



WITSML Server

GRT uses a WITSML database provided by **Polaris Guidance**. This server provides a comprehensive set of objects on a fully scalable platform. This high performance WITSML storage server effectively provides unparalleled support for customization.



Midstream Operations

Commissioning Pipelines

Commissioning services are tailored to meet clients' individual project needs according to pipeline materials and location.

Industrial Resources

GRT's staff of writers, operators, and technicians help to support client facilities either in the field as part of a management team or as individual personnel attachment in every stage of midstream operation from design to implementation.

Midstream Operations

Professional Staff Capabilities

Complete midstream projects faster with direct support from GRT's certified inspectors and specialists. GRT's personnel monitor and verify safety and quality during construction or repair of piping, tanks, and more.

Pipeline Safety Professionals

GRT's safety support services helps clients keep midstream projects on schedule and ensures pipeline construction or repairs meet industry safety standards.

Downstream Operations

Commissioning Plants

GRT staff verifies operations comply with design specifications. GRT engineers remain on site until project completion, regardless of project duration.

Industrial Resources

GRT's staff of writers, operators, and technicians help to support client facilities either in the field as part of a management team or as individual personnel attachment in every stage of downstream operation from design to implementation.

Downstream Operations

Coaching and Mentoring

Operators new to their career are paired with veteran industry consultants in a program that creates a thorough training environment to produce versed operators in the industry.

Process Safety Management

GRT experts can create, maintain, and manage a comprehensive process safety management program, or support a client's existing program to ensure compliance with OSHA's Process Safety Management 29 CFR 1910.119 (PSM) Mechanical Integrity Directive.

Downstream Operations

Refinery Inspection

GRT's certified specialist in quality and safety help to ensure plant turnarounds, maintenance, or shutdown inspections happen smoothly and efficiently.

Turnaround Services

GRT's trained teams coordinate turnaround or shutdown operations during critical events and ensure every step in the process is accurately executed.

Partners/Associates

PHAROS ORGANIZATION

THE OFFSHORE GROUP
You Manufacture ... We Do The Rest

Polaris Guidance Systems LLC

GrupoMundi

GDF SUEZ

PEMEX

How does the GRT team benefit our customers?

- Gathering, analyzing, and rapidly disseminating data to the right person.
- Giving an increased capability to understand and respond to internal and external risks to its assets, both human and material, in real time.
- Providing the customer with a dedicated data collection, analysis, and distribution center that delivers actionable information to the right people 24/7.
- Providing Subject Matter Experts to the customer from our knowledgeable staff with deep roots in energy exploration, production, and distribution.

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