

Meridian Energy Corporation, a wholly owned subsidiary of **Meridian Holdings, Inc.**, (both Colorado Corporation), is a diversified energy and natural resource management company based in Hawthorne, California. The company seeks highly visible opportunities in countries around the globe with a history of natural resource production that offer exciting and attractive propositions that requires simple asset wireless monitoring and surveillance solution.

Oil and Gas Industry Solutions

The Meridian Energy NTC-20-HUB is an ideal Wireless ecosystem aggregation device designed to connect various monitoring devices to the speed and coverage of a mobile broadband network. The NTC-20-Hub features internal antennas for easy deployment, multiple layers of power supply including built in battery backup and internal diversity antenna for improved performance. And it has been designed to interoperate with any management platform, offering network managers freedom of choice while keeping the total cost of ownership as low as possible.

Network Schema



The Meridian Energy Wireless Surveillance Automation (NTC-20-Hub) ecosystem provides low cost monitoring and control for Oil and Gas Field operations. The customer no longer needs to maintain expensive infrastructure and software licenses to deploy automation systems in the oilfield. With its massively scalable real-time automation platform, Meridian Energy Corporation provides oil and gas [SCADA \(Supervisory Control and Data Acquisition\) System](#) functionality that includes all of the “services” listed below on a 24/7 basis in one low fixed monthly price:

1. Telemetry from virtually any field device: Power Loss/Recovery at the Site.
2. High/Low levels of Salt Water Tanks.
3. Remote pump jack timer with 2-way control: Pressure Loss/Recovery at the Battery or Well Head.
4. On/Off cycles of Injector Pumps or Compressors.
5. Multi gas monitoring: Turn Motors On or Off from Anywhere.
6. [SCADA \(Supervisory Control and Data Acquisition\) System](#) with Enterprise Resource Planning, Work Force Management, Material and Financial Management System
7. Air quality, Noise and Tank monitoring as well as Remote gate access and control

Benefits

1. Allows you to operate your oilfields more efficiently
2. Video Clips, SMS messages and phone calls will give you time to correct problems before it gets worse.
3. It's not necessary to visit each part of your lease on a regular basis.
4. Receive immediate alerts when your pumps are off due to, Vandalism, weather or power failure.
5. Lower Costs: Turn off parts of your lease before a storm and back on again after the storm has passed.
6. Controllable from any internet-enabled device, anywhere in the world
7. Extremely fast to deploy (hours vs. months)
8. Creates new capabilities – high bandwidth telemetry, 2-way communication
9. Device agnostic platform, can communicate with any field device
10. Browser platform for automation control is a game changer, no expensive software licenses.

In summary, the **Meridian Energy Corporation** Wireless Surveillance Automation ecosystem of devices are expected to grow to more than 650 million devices by 2020. With built-in Bluetooth and/or WiFi, these devices – from bathroom scales to blood glucose monitors and implantable cardiac devices to monitoring oilfields, Salt tank levels, Line Pressure, Power at the sites, Injector pump operation, Well pump operations, H2S Presence, Vandalism and other unsuspected disaster at the oilfield. – can provide an immense amount of critical data – if a connection can be established to a central database anywhere in the world, via the global broadband network and cellular connections. For more information about our product and services, please contact us via Telephone at 323-295-5062; 310-693-8082(Fax); info@meho.com; website: www.meho.com.