



# Keeping you connected. Anytime. Anywhere.

## ***TreadNet***

TreadNet is Treadstone Consulting's VSAT network solutions that allow communication with full local area network (LAN) capabilities and protocols to your offices, regardless of location. TreadNet offers secure, reliable, networking solutions based on very small aperture terminal (VSAT) communications for land and sea. VSAT technologies ensure linked security and reliability with genuine end-to-end management and comprehensive customer support systems. Depending on your communications requirements and the complexity of your network, we have an array of topology solutions that can be implemented. All solutions are based on a detailed requirement analysis and design process, so that your needs are met exactly.



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## Oil and Gas

In a time where energy exploration is moving into newly discovered, isolated regions and the technical workforce is tasked with new challenges, the need for you to ensure that remote sites are connected with headquarters becomes even more essential. Having a direct link into your operations means you can have greater control of your remote sites and better manage their operations from onshore.



### **Real-Time Applications**

TreadNet's turnkey VSAT services enable subject-matter experts to be virtually connected to the operations of remote locations and are designed specifically for rig owners, operators and service companies. Applications such as real-time streaming well data and video inspection of underwater pipelines enable end users to view the information for multiple drilling sites without having to travel to each location. These experts can then collaborate with on-site engineers to analyze the data, resulting in quicker and better informed decisions.

### **Energy Experience**

Since pioneering some of the first commercial VSAT services in the energy markets, TreadNet has become a leader in satellite communications and today has completed projects in multiple countries. With nearly three decades of experience delivering consistent quality of service, proven reliability and superior customer service, Treadstone Consulting's VSAT solution, TreadNet has earned the reputation as the standard setter in the market.

### **Maritime**

TreadNet's offering enables the transmission of real-time data from vessels and platforms to shore-based facilities enabling real-time sharing of information, voice communications, and network connectivity for improved decision-making and safety in a maritime environment anywhere in the world.

#### **Remote Site Connect System Includes:**

- **Vehicular, fixed and handheld two-way radio networks**
- **SCADA and telemetry networks**
- **Telephony systems ("PABX")**
- **Cellular transmissions and re-transmission equipment**
- **Village communications, entertainment systems, and internet**
- **Corporate LAN and server hosting (and attendant power and environment controls)**
- **Sundry command and control systems (e.g. water bore fields, fuel systems, access control)**

#### **TreadNet provides fully integrated solutions that successfully manage and support these systems.**

Whereas traditional telecommunications carriers have imposed a standard system upon the client, forcing the client to implement multiple "work-arounds" (or too often, forcing the client to conclude that what they needed was simply not possible with the technology of the day), TreadNet has adopted a very client-focused stance. The systems we supply are pure routed IP; apart from that basic tenet, the system is customized to suit the client's network, not the other way around. This fundamentally differentiates us from all traditional carriers and results in a scalable, reliable and secure system.

#### **TreadNet provides fully integrated solutions that evolve as projects take shape.**

Importantly, the value-add that TreadNet delivers is essential not only in facilitating the timely execution of major infrastructure projects, but in also servicing the long-term operational phase. TreadNet's ability to understand the life cycle of our clients' projects and to translate this to a bandwidth life cycle, and then provision service accordingly is a major key differentiator and one which is integral to our near and long-term success.

