



Satellite Connectivity for Oil & Gas IoT Applications

Adoption of IoT and IIoT (Industrial IoT) in the energy and fossil oil & gas industries increases yearly as their full potential for monitoring and control is recognized by organizations.

hiSky's IoT network for satellite communication meet the emerging need for connectivity; answering the demand of IIoT for use with remote energy assets and infrastructure, such as offshore oil & gas platforms, pipeline monitoring and oil rig wells in rural locations.

Mobile

Small portable devices creates a WiFi hotspot even in the most remote locations, static or on-the-move.

AFFORDABLE

Cents per minute for voice / data and even lower for IIoT.

CONVENIENT

Easily integrates with any IoT devices and fleet management system. Turns your smartphone into a Satphone.

Answering the challenges of the energy domains:

- ✓ Remote personnel voice calls and text messages via a dedicated smartphone app (Android & iPhone)
- ✓ Real-time process monitoring for extraction and drilling
- ✓ Real-time acceleration and enhancement of seismic data acquisition analysis
- ✓ Real-time gathering of database information
- ✓ Centralized monitoring efforts for multiple remote unmanned sites
- ✓ Ruggedized robust terminals for challenging environments and extreme conditions
- ✓ Increased production profitability



Network Structure

hiSky's open architecture enables easy integration with any device or application provider that suits the business needs and integrates with any existing network to complement the coverage in all rural areas worldwide.

Smartellite™ Dynamic Specifications

hiSky's Smartellite™ Dynamic terminals include a state-of-the-art, electronically steerable phased array antenna which locates the satellite automatically in a matter of milliseconds, and a built-in modem designed for low-to-medium data rates and fast acquisition of satellite signals. Uniquely, the terminals are also designed to meet the requirements of LEO satellites, providing a future-proofed solution that will correlate with the market's connectivity demands.



Smartellite™ Fixed Specifications

hiSky's Smartellite™ Fixed terminal is a low-cost, compact satellite device based on a state-of-the-art design. The terminal comprises patch antennas and a built-in MODEM, providing a mountable all-in-one solution, which independently & seamlessly directs comms through GEO satellites.

