

Next-Generation Satellite IoT Connectivity for Maritime & Fisheries

Deep-sea voice, text and vessel telematics —
priced at a fraction of the market alternatives.

HiSKY's Smartellite™ terminals easily connect to any vessel or smart mobile device, enabling deep-sea communications of voice, text and vessel data telematics — perfectly suited to remote management of fleets. The network operates satellite voice and IoT connectivity services priced at a fraction of the market alternatives. Easy end-user configuration and installation make HiSKY's network (hardware and services) perfect for any complementary aftermarket.



FEATURES

What the network enables

- ▶ Lightweight and portable.
- ▶ Easily mounted — permanently or temporarily.
- ▶ For maintenance, tracking and regulatory compliance.
- ▶ Integrates with any sensory device or vessel / fishing management application.
- ▶ Including voice, text, SOS alerts, vessel telemetry, geofencing, fishing logs, tracking and location.

What HiSKY offers

HiSKY offers an IoT network designed to enable visibility, control and better management of your fleet over satellite. HiSKY's unique technology enables transmission of all needed data on Ka/Ku-band frequencies over GEO satellites.

Terminal — Smartellite™ Dynamic, Ku/Ka

Service — Satellite voice + IoT over GEO

Management — Space Control (NMS)

Optional dual-mode connectivity — satellite & LTE. An external LTE router lets the same terminal fall back to the cellular network where it exists, and stay on satellite where it does not.

AGILE IOT NETWORK

Open architecture. Any device, any application.

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

User-side component

Terminals receiving data from the end-user device or application.

- ▶ Smartellite™ Dynamic terminal — vehicles, moving assets and fixed sites
- ▶ Optional dual-mode connectivity: satellite & LTE via an external LTE router

Satellite component

Based on the satellite provider and the required operational coverage.

- ▶ HiSKY-supported GEO satellites, Ka/Ku band
- ▶ Teleport
- ▶ HiSKY HUB modem and packet processor

Management component

Data routing divided into network management and application data.

- ▶ Space Control (NMS) — network telematics for connectivity management; deployment sized to user requirements and network size
- ▶ Client servers — user data telematics for control, analysis and management of assets

HiSKY SYSTEM

Terminal, HUB, management. One unified system.

SMARTELLITE™ FAMILY

Smartellite™ Dynamic Ku/Ka band



A state-of-the-art, electronically steerable phased-array antenna locates the satellite automatically in milliseconds, with a built-in modem for low-to-medium data rates and fast acquisition. Also designed to meet the requirements of LEO satellites — a future-proofed solution.

HUB SYSTEM

HiSKY HBS modem + packet processor



NETWORK MANAGEMENT

Space Control NMS



All Smartellite™ terminals are fully monitored by our cloud-based / on-premises management platform. Developed in-house, it gives partners everything needed to manage their global HiSKY networks — configuration, monitoring, reporting, analysis, billing and more.