

Telespazio Brasil Integrates the HiSKY Smartellite™ Network to Deliver SICURO for the Utilities Market

An innovative satellite communication solution for the utilities market —

built on the HiSKY Smartellite™ network.

Telespazio Brasil deploys the HiSKY Smartellite™ network and introduces SICURO, an innovative satellite communication solution designed to meet the evolving needs of various industries.



THE CHALLENGE

Utility assets beyond the reach of the grid

- ▶ Utility industries often operate in remote locations where traditional communication infrastructure is unreliable or non-existent.
- ▶ These sectors require robust, secure and cost-effective communication to ensure operational efficiency, safety and data reliability.
- ▶ The challenge: seamless, cost-effective connectivity in these demanding environments.

The HiSKY solution

HiSKY's Smartellite™ network — the HBS modem, Smartellite™ Dynamic 8×8 Ku terminals and Space Control (NMS) — was integrated as an end-to-end solution within the Telespazio satellite network. The Smartellite™ terminal's unique form factor — small size, lightweight design, low power consumption, rugged design, resistance to environmental conditions and ease of deployment — was key for Telespazio's customers. The terminals provide M2M connectivity over Ku band, enabling real-time monitoring and control of the customer's utility assets.

Terminal — Smartellite™ Dynamic 8×8 Ku

Service tier — M2M / IoT over Ku band, GEO

Deployment — Remote utility assets, Brazil

RESULTS

Real-time utility asset management

► Real-time data exchange

The HiSKY Industrial IoT solution inside the Telespazio network enables real-time data exchange between assets and cloud platforms.

► Secure access, reliable data

Secure access to communication and increased data reliability.

► Operational efficiency and safety

Significant improvements in operational efficiency and safety for utility asset management. ELSV 1000 m

► Reduced operational costs

Cost-effective connectivity where terrestrial alternatives are unreliable or non-existent.

DEPLOYMENT SNAPSHOT

What was integrated

PARTNER NETWORK

Telespazio satellite network — end-to-end integration

SERVICE

SICURO — Telespazio Brasil's satellite communication solution for utilities

TERMINALS

Smartellite™ Dynamic 8×8 Ku — M2M over Ku band

HUB

HiSKY HBS modem

MANAGEMENT

Space Control (NMS)

APPLICATION

Real-time monitoring and control of utility assets

HISKY PRODUCTS IN THIS USE CASE

One unified system

TERMINAL

Smartellite™ Dynamic 8×8 Ku



HUB SYSTEM

HiSKY HBS modem + packet processor



NMS

Space Control Standard / Premium



Full network sovereignty and mission-grade redundancy.