

Satellite connectivity for IoT applications

hiSky's Agile IoT networks are perfectly designed to enable IoT/M2M and voice connectivity for vast areas lacking terrestrial connectivity. Our unique ecosystem offers private satellite connectivity for mass industry use-cases at market disrupting prices to all industries aspiring to digitize and automate their operations for maximum efficiency and productivity.



Features

- > Mobile (on-the move) or fixed installation.
- > Lightweight end terminals.
- > Easily mounted, installed, and configured.
- > Up to 100Kbps enabling various IoT/M2M & voice applications.
- > Hybrid connectivity: Satellite & LTE.
- > Reliable and scalable network.
- > FCC & CE certified terminals.
- > Standart IP interface with any user application/device.

hiSky's Smartellite™ terminals are designed to easily connect to any sensory device-mobile or static-enabling non-stop communications of voice, text & sensory data telematics.

The network is comprised of functions and modules enabling any partner to deploy, operate and sell tailor-made satellite IoT connectivity services, priced at a fraction of the market alternatives.

Applications



Agile IoT Network

hiSky's open architecture enables easy integration with any device or application provider that suits your business needs, and leverages any existing GEO constellation in Ku/Ka band to complement your coverage in all rural areas all over the world.

User-side Component:

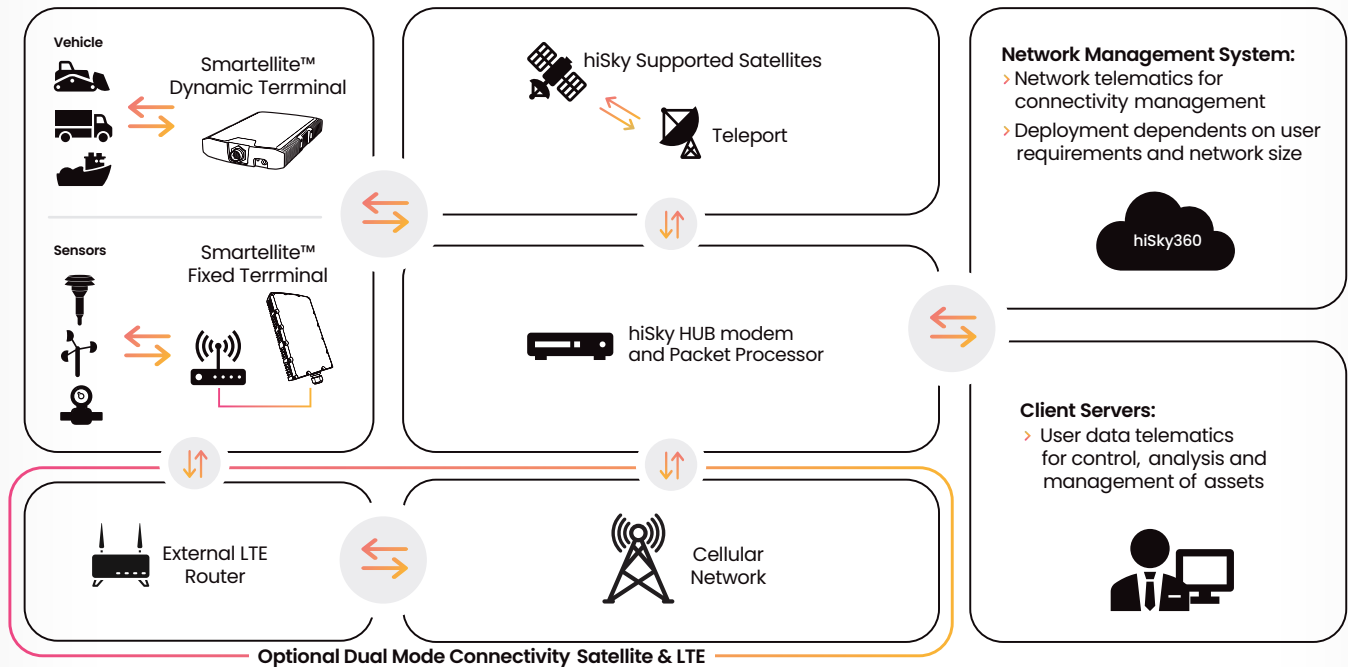
- > Terminals receiving data from the end-user device/application

Satellite Component:

- > Based on satellite provider and required operational coverage

Management Component:

- > Data routing divided into network management and applicational data



Smartellite™ Family

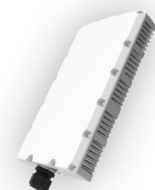
Smartellite™ Dynamic Ku/Ka-band

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 Ku/Ka-band

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 communication over GEO satellites.



hiSky360

All Smartellite™ terminals are fully monitored by our cloud-based / on-premises management platform.

hiskysat.com

