



# Next-generation IoT Satellite Connectivity for Fleet Management & Vehicle Activities Tracking.

## 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 IoT.

## CONVENIENT

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

Long distance drivers need reliable communication with both dispatchers and their destination. There is also a need for more efficient, cost-effective and safer fleet operations, as well as compliance with regulatory mandates related to driver safety, such as drive-time monitoring.

hiSky's satellite communication solution meets all these demands, monitoring the location of vehicle fleets, hours of service, fuel consumption and engine telemetry data.

Additionally hiSky can offer two-way communications with drivers around the world, delivering voice & data transfer even in rural areas that are out of reach of terrestrial communications services.

hiSky's Smartellite™ Dynamic is a small all-in-one terminal that provides seamless connectivity for fleet management and on-the-move satellite communication, making it perfect for use on vessels, without affecting aerodynamic efficiency.

## Applications

- Connected cars
- Rail locomotives & carts
- Trucks, containers and cargo
- Buses/school buses
- Maritime – fisheries and yachts



hiSky is a Satellite Virtual Network Operator (SVNO), offering quick easy connectivity, even in the most remote locations on land, at sea or in the air.

## Smartellite™ Dynamic

The Smartellite™ dynamic includes a built-in, electronically steered, 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.

The Smartellite™ Dynamic enables seamless transitioning between satellites in the GEO and LEO constellation, voice and data connectivity are constantly maintained, even on the move.



Terminal band	Ku band *	Ka band
Data Rates GEO	4Kbps- 100Kbps	4Kbps-30Kbps
Data Rates LEO	0.5Mbps- 10Mbps	0.5Mbps- 10Mbps
Transmit Antenna Frequency Range	13.75~14.5GHz	27.5GHz to 30GHz
Receive Antenna Frequency Range	10.7~12.75GHz	17.7Ghz to 20.2Ghz

\*Under development

## hiSky 360

### Network Management System

hiSky developed it's own unique network management system (NMS) with a network operation center and a 24/7 hour help desk. **hiSky 360** is active 24/7 and has an operations portal which allows interface through which authorized subscribers or re-sellers can monitor and administer the hiSky platform and its components. It provides the capability to flexibly filter elements as well as group them by devices deployed with a specific satellite provider, device type, firmware version, etc. The operations portal provides the link between platform resources and subscribers enabling impact analysis of ongoing operations and planned maintenance.

