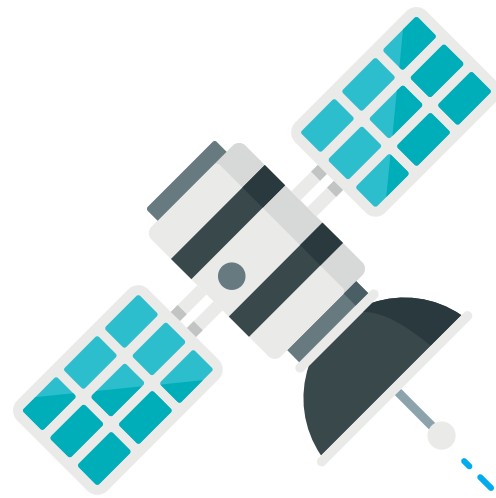


Satellite virtual network operator offers quick easy connectivity along with ABJ Impex

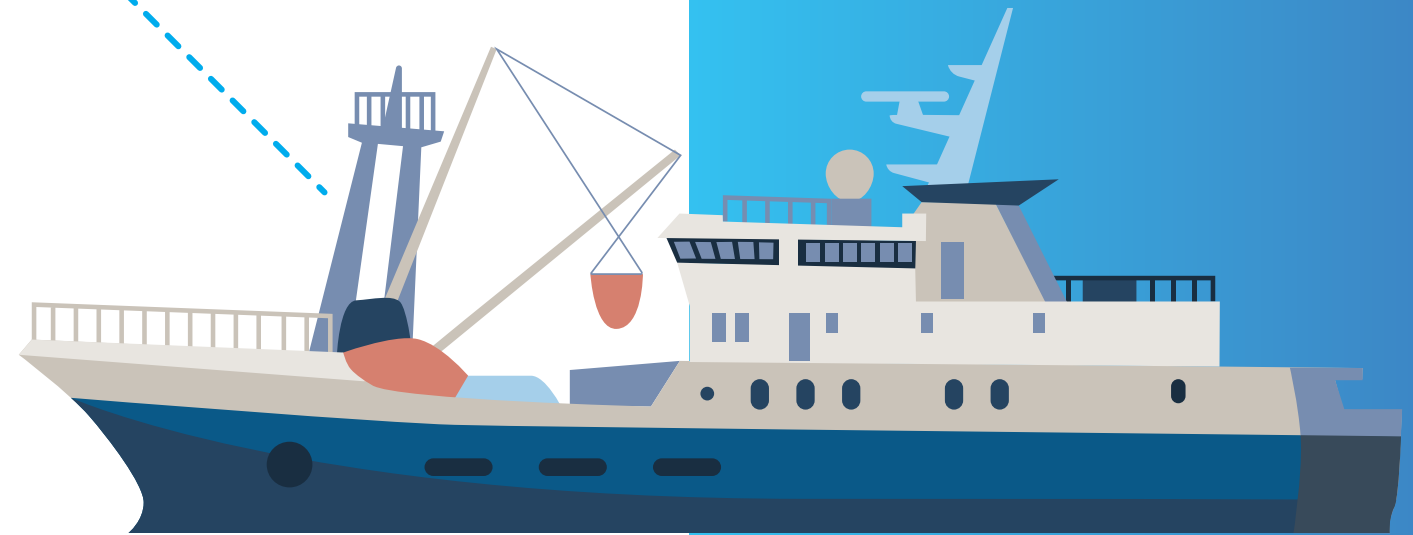


- ▶ For Indian and Gulf marine and fishery customers
- ▶ Even in the most remote locations



Satellite virtual network operator offers quick easy connectivity along with ABJ Impex.

For Indian and Gulf marine and fishery customers.

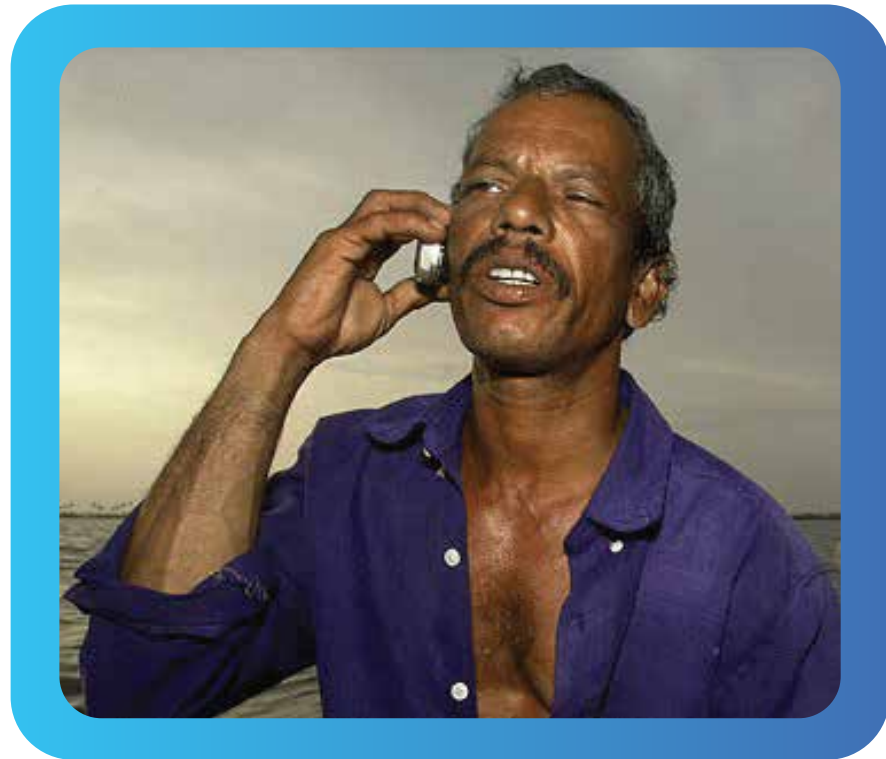


Complete Solution for Marine and Fishery

- 01 Smart Ground Terminals
- 02 Smartphone App for Android & iOS
- 03 Global Satellite Coverage
- 04 360 – Network Management System
- 05 Core – HUB Base Station



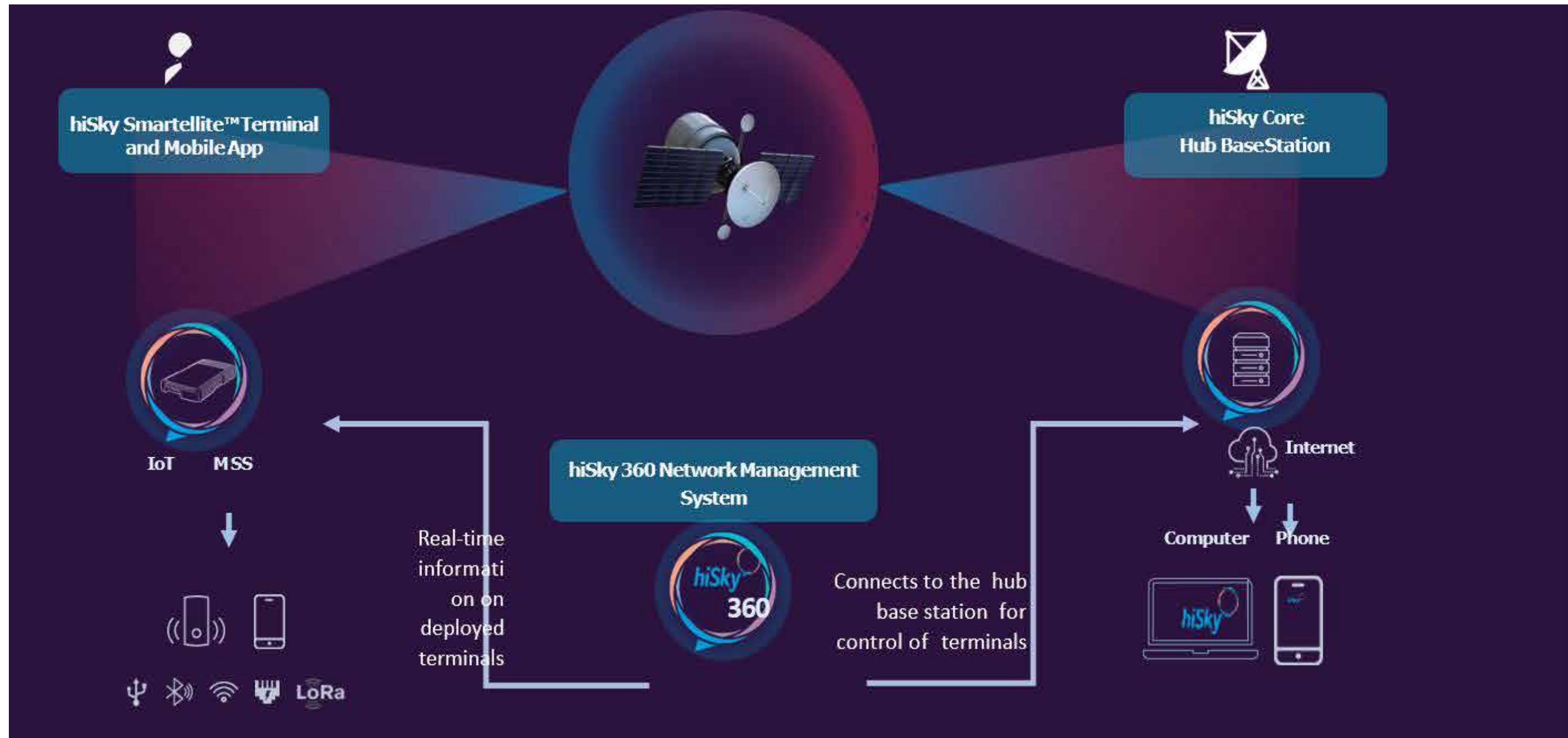
Complete Solution for Marine and Fishery

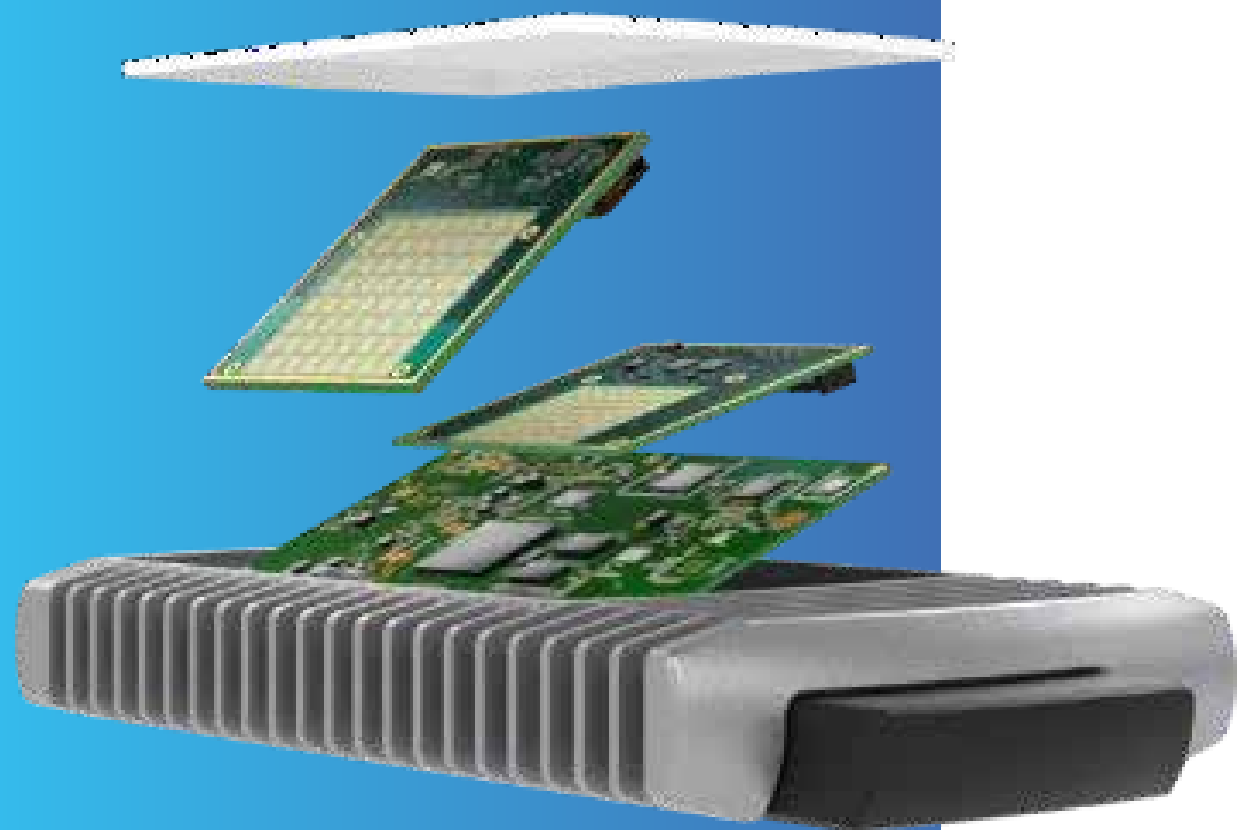


- 01 Our OEM was Established in 2015
- 02 HQ in Israel, Two R&D branches in the UK
- 03 Multidisciplinary Team
- 04 Innovative R&D
- 05 Brings to life Ideas to the Making

Our OEM SVNO Network Chart

SVNO uniquely leverages high throughput satellites in the GEO and LEO sphere





All in one

All Components in a single small form factor box:

- › MODEM
- › Tx & Rx Antennas
- › Digital MODEM board
- › Batteries

Easy to Use

Small form factor, simple push button for satellite connection:

- › All connectivity features in a single dedicated App
- › WiFi, BLE and RJ45 connection protocols
- › Straight-forward usability
- › 20 Sec from startup to auto satellite connection!

On The Move

Innovative electronically steered antennas with auto-tracking algorithm:

- › Push to operate
- › Solution for on-The-Move IoT applications
- › Future ready! LEO constellation connectivity

Affordable

R&D Innovation leads to cost reduction and affordable terminal/service for end user:

- › Propriety MODEM ASIC design
- › Sophisticated algorithm IoT applications
- › Operational and production efficiency
- › All system's building blocks are designed in-house



Fishery

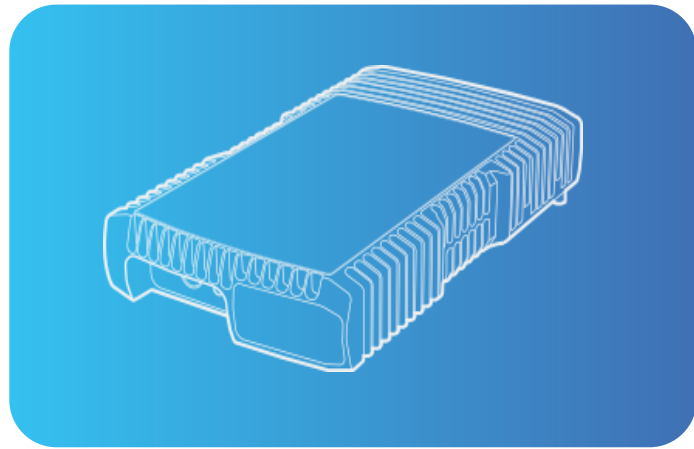
hisky's satellite communication
Solution monitoring of Fishing
boats and other marine fleets:

- Position & Location
- Hours of service
- Fuel consumption
- Engine telemetry data
- Two-way communications with fisherman
- Driver and vehicle safety

hiSky's satellite communication
solution for maritime applications
and fishery fleets:

- VMS & Location
- Support for E-log systems
- Catch Logs
- Engine telemetry data
- Fuel consumption
- Engine telemetry data
- Two-way communications
- Crew & platform safety

Marine Solution & Devices



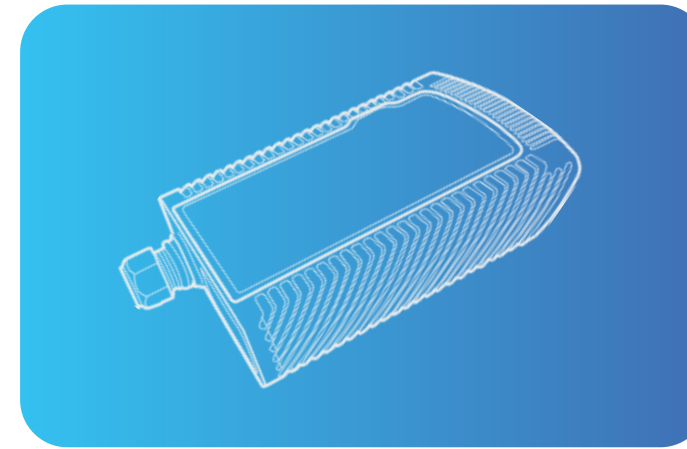
Smartellite™ Dynamic Ka-band / Ku-band

- › On The Move
- › Up to 30 Kbps
- › IoT & MSS
- › Link in One Button Press



Smartellite™ Static Ka-band

- › Portable
- › Up to 30 Kbps
- › IoT & MSS
- › Easy satellite acquisition
in seconds



Smartellite™ Fixed Ka-band

- › Fixed Installation
- › Up to 30 Kbps
- › IoT & M2M
- › PoE connection

Smartellite™ Dynamic-Ka-band

Specifications

- Satellite IoT, Voice and Data
- Connectivity constantly maintained, even on the move
- Automatic satellite acquisition with electronically steered, phased array antennas
- Seamless transitioning between GEO & LEO Satellites
- Built-in MODEM and battery
- Designed for low-to-medium data rates and fast acquisition of satellite signals

Data Rates GEO	4kbps-30Kbps
Data Rates LEO	4Kbps ~ 10Mbps
Transmission Power	30dBm (1W) Max
Transmit Antenna Frequency Range	27.5GHz to 30GHz
Receive Antenna Frequency Range	17.7GHz to 20.2GHz
Size	253 X 143 X 45 mm



Smartellite™ Dynamic Ku-band

Specifications

- Satellite IoT, Voice and Data
- Connectivity constantly maintained, even on the move
- Automatic satellite acquisition with electronically steered, phased array antennas
- Seamless transitioning between GEO & LEO Satellites
- Built-in MODEM and battery
- Designed for low-to-medium data rates and fast acquisition of satellite signals

Data Rates GEO	Up to 100Kbps
Data Rates LEO	Up to 10Mbps
Transmit Antenna Frequency Range	13.75~14.5GHz
Receive Antenna Frequency Range	10.7~12.75GHz
Size	253 X 143 X 45 mm



Smartellite™ Dynamic Ku-band

Specifications

- For fixed installation
- Provide satellite connectivity for remote and underserved infrastructures and assets
- Satellite IoT, Voice and Data
- Built-in MODEM
- Designed for low-to-medium data rates
- Connection protocols: PoE, WiFi, BLE

Data Rates GEO	4kbps–30Kbps
Transmit Antenna Frequency Range	27.5GHz–30Gh
Receive Antenna Frequency Range	17.7Ghz–20.2Ghz
Size	242 X 174 X 55 mm



2.2Kg

Smartellite™ Fixed Ka-band/Ku-band

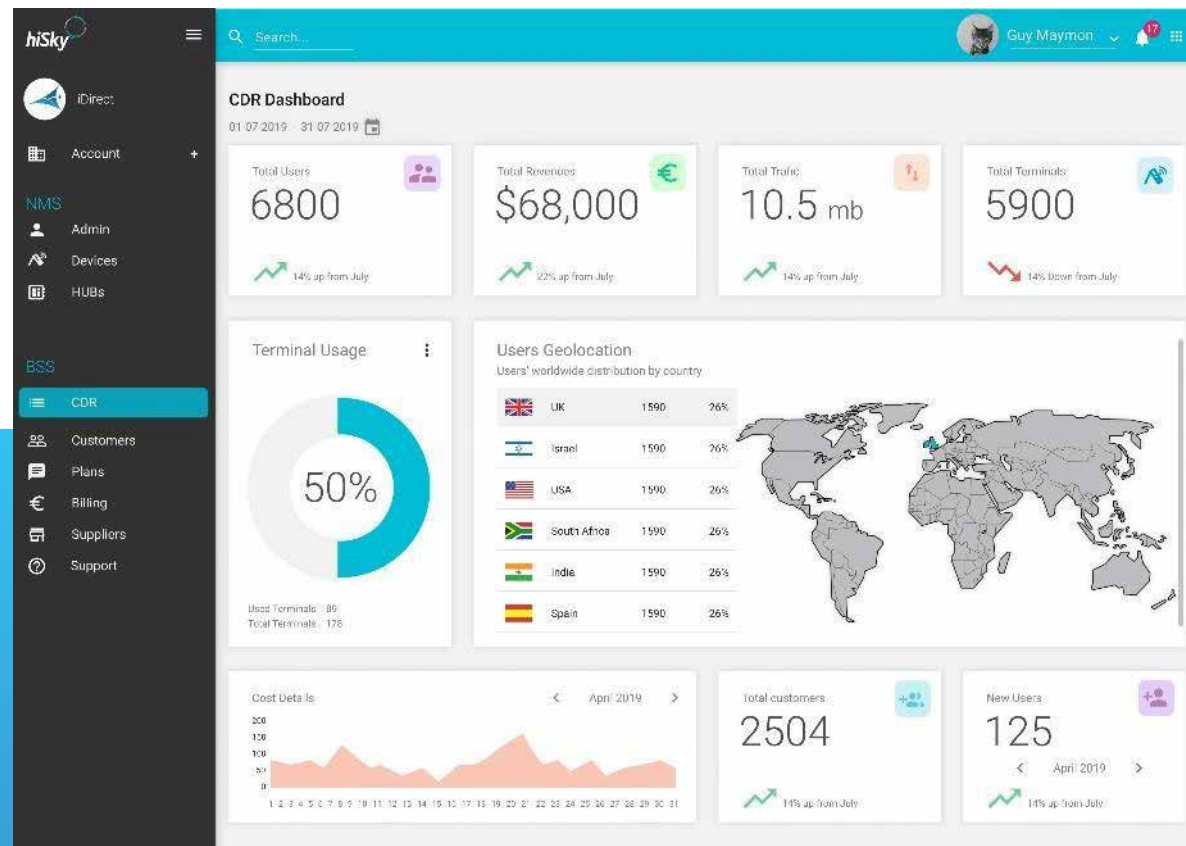
Specifications

- Small form factor box
- Portable, fast & easy satellite acquisition (manually, GEO satellites)
- Provide satellite connectivity for remote and underserved infrastructures and assets
- Satellite IoT, Voice and Data
- Built-in MODEM and batteries
- Satellite connectivity on the Pause

Data Rates GEO	4kbps–30Kbps
Transmit Antenna Frequency Range	27.5GHz–30Gh
Receive Antenna Frequency Range	17.7Ghz–20.2Ghz
Size	228 X 138 X 48 mm



hiSky 360 Network Management System



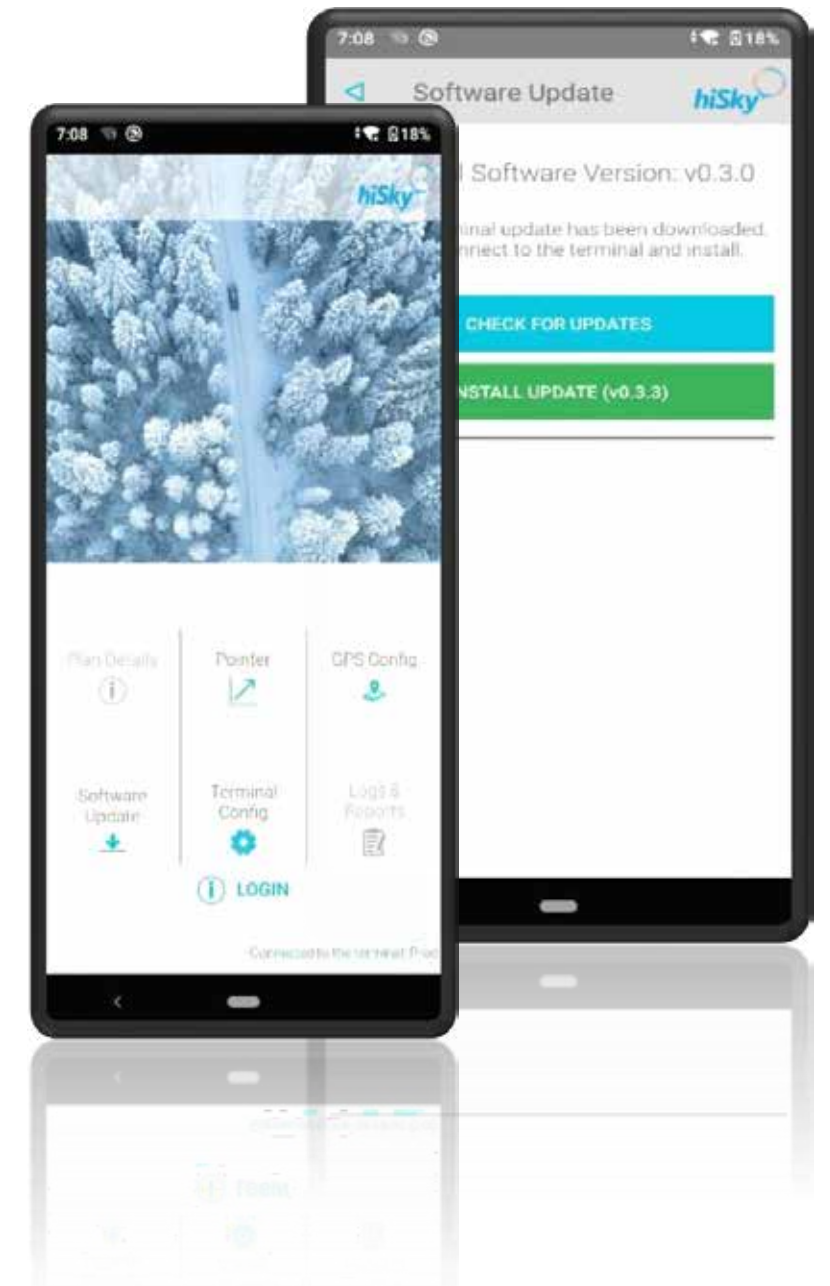
hiSky 360 is a next generation Network Management System (NMS) that transforms your network operations, enabling higher levels of performance. It provides all the functionality you expect in an NMS – configuration, monitoring, reporting, and analysis. But more importantly, it enable you to reach new market segment with short TTM

Mobile App-Terminal Management System

hiSky's & ABJ Mobile App enabling management terminals at Shore and deeper waters

The Mobile app provides all the functionality needed for Fishermen and improve their production

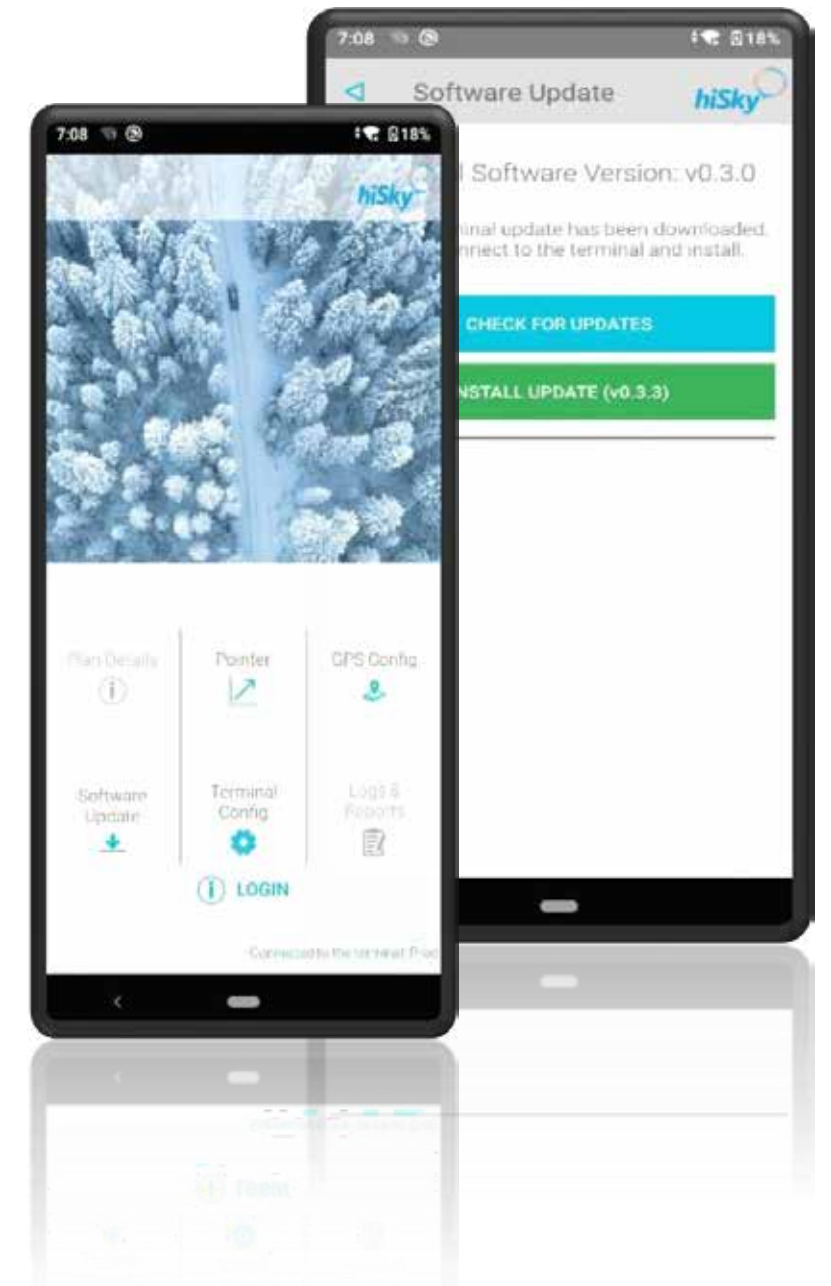
- › Drive to Deeper water Fishing with confident
- › Two way communication, Voice, SMS, Chat etc.,
- › Position, course, speed and Identification of fishing vessels will be transmitted to owner's android mobile.
- › Electronic log book such as catch, fishing area, crew list and Ocean information's can be maintained
- › Emergency medical Aid
- › Information on Ocean, Weather Alert, Current, Tide & Temperature
- › Consult with shore mechanic in case of engine repairs
- › Sharing Information on fishing grounds to their fleets
- › Information on catch report & Marketing their catches while at Sea
- › Private Investors & Financial Institutions can know where about of their investments.



Mobile App-Terminal Management System

hiSky's & ABJ Mobile App enabling fishery management terminals for Government

- › Updated information on type of fishing (Trawling, Long Line etc.)
- › No More Illegal Fishing & without Registration
- › No clash between Traditional & Mechanized Boat Fishermen
- › Live Information's to all Fisheries Departments.
- › Back ward log can be created
- › No more loss of fishermen lives
- › Entire Country coast in full Control
- › 24 x 7 Monitoring System
- › No more search only rescue – Pin Point location
- › Geo Fencing Alert
- › Updated information on fishing fleets in India
- › Updated Inward & Out ward Movement of Fishing Crafts from Harbors



Partnerships & Resellers



THANK YOU



Designed By

