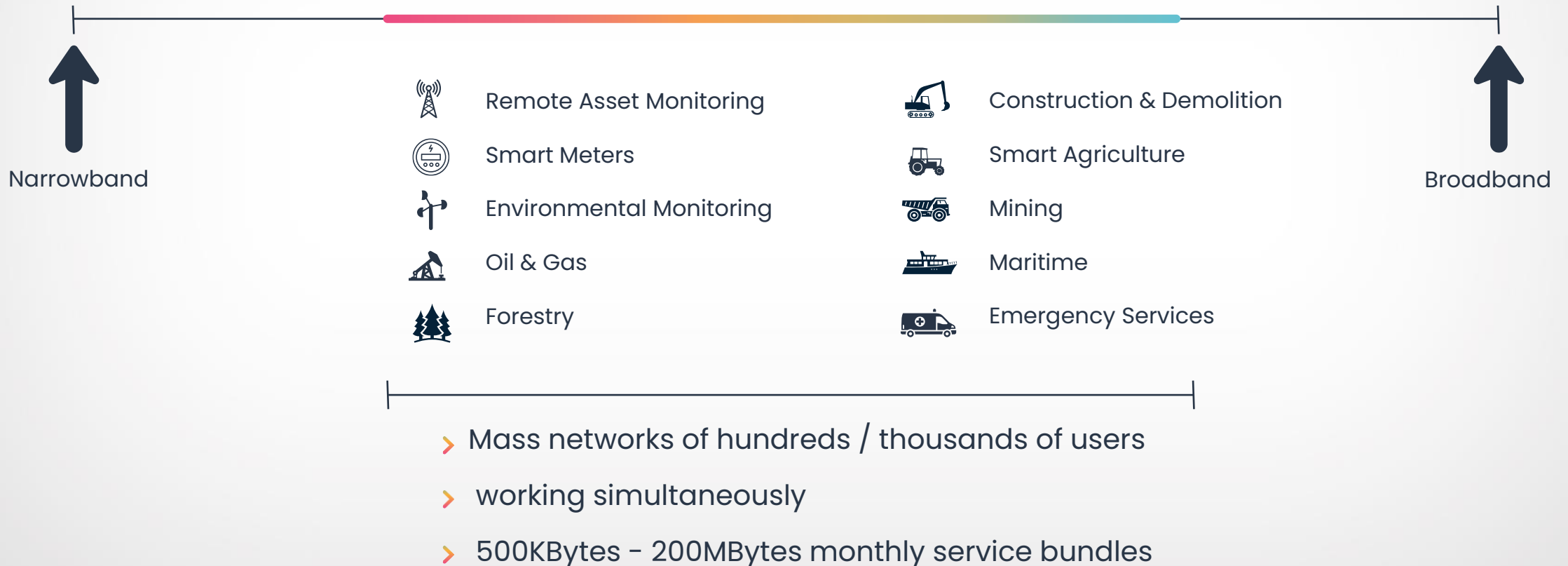


Satcom Network Services for Voice & IoT

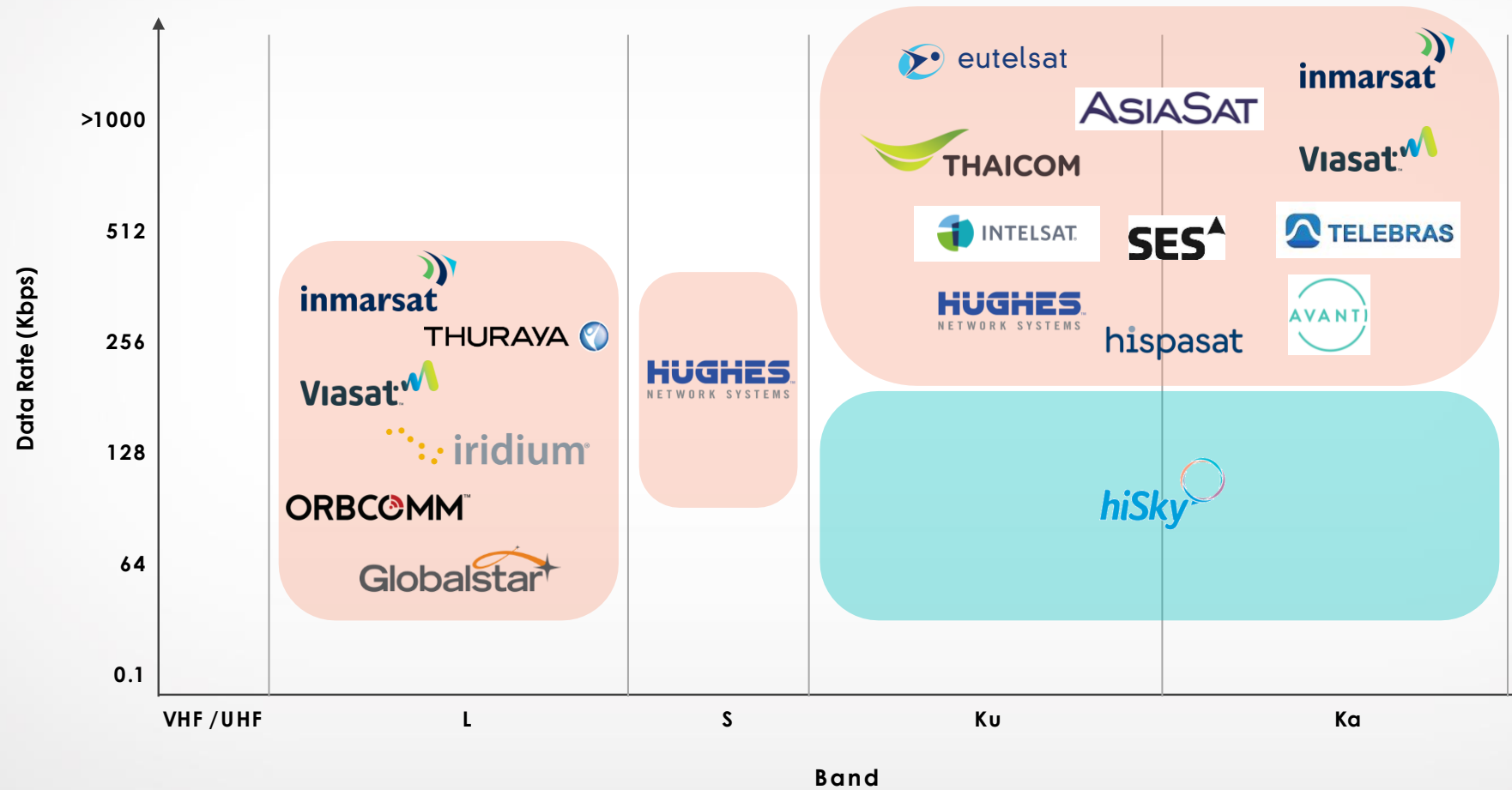


The problem

Narrowband applications needed for digitalizing processes, increasing operational growth and workforce safety.



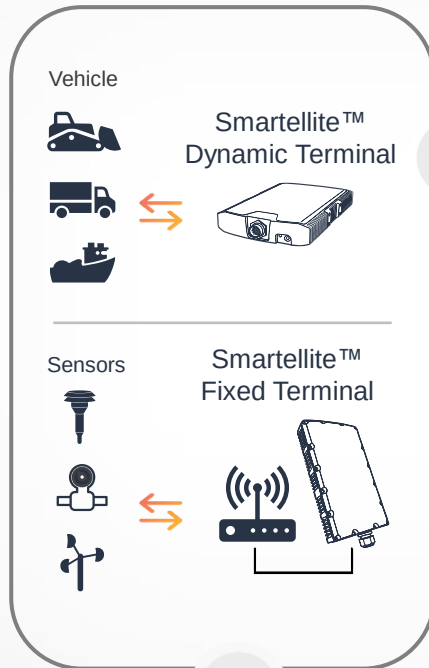
hiSky positioning



Network Structure

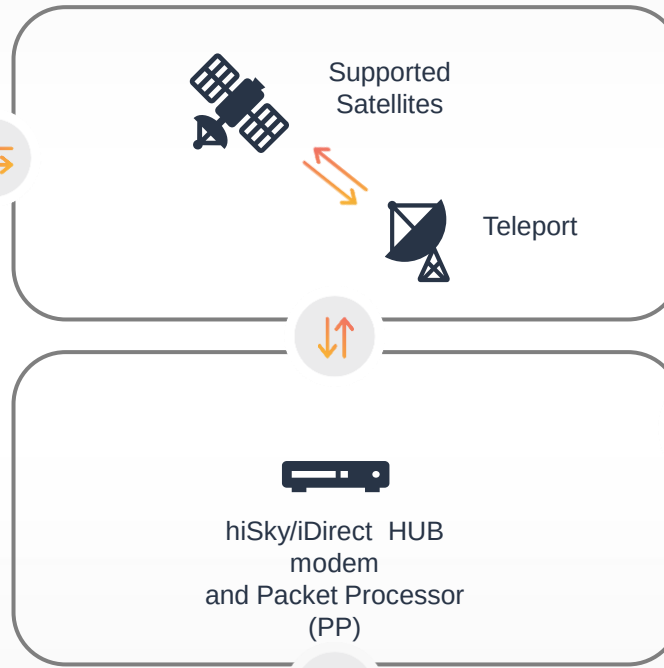
User-side component:

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



Satellite component:

- Based on supporting satellite constellations.



Management Component:

- Data routing divided into network management and applicational data.

Network management system:

- Network telematics for connectivity Management.
- Deployment depends on user requirements and network size.



Client Servers:

- User data telematics for control, analysis and management of assets.



Optional Dual Mode Connectivity Satellite & LTE

Smartellite™ Dynamic

Our terminals are FCC & CE certified, lightweight, easy to mount, install, pair and operate. Designed to be used by your driving workforce.

- ✓ Connectivity maintained on the move.
- ✓ Automatic satellite acquisition with electronically steered, phased array antennas eliminating the vehicle's movement from effecting connectivity.
- ✓ Hybrid Satellite-LTE
- ✓ Connection protocols: Circular serial connector, WiFi, BLE
- ✓ Enables voice and chat over satellite, from any smartphone.



[Video: hiSky Agile Satellite IoT Network >](#)



[Video: hiSky @Dubai Dunes >](#)

hiSky360

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



Industries



Government



Agriculture



Construction & Demolition



Forestry



Maritime



Mining



Emergency Services

Smartellite™ Fixed

Our terminals are FCC & CE certified, lightweight, easy to mount, install, pair and operate, allowing you to communicate with anyone in the world, regardless of where you are.

- ✓ For fixed installation
- ✓ Satellite IoT, Voice and Data
- ✓ Designed for low-to-medium data rates
- ✓ Connection protocols: PoE, WiFi, BLE



hiSky360

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

Industries



Remote Asset Monitoring



Smart Meters



Environmental Monitoring



Industrial Power



Oil & Gas



Smart Agriculture

Land Mobility

Vertical Features:

- Operate outside of terrestrial communication
- Enter and exit terrestrial communication
- On-the-move

Key drivers:

- Operational efficiency, crew safety & connectivity

Core Needs:

- Data upload
- Software download
- Continuous transmission of various vehicle and driver sensors (including driver diagnostics)
- Hybrid (dual mode LTE-satellite)
- Driver communication (voice & chat)



Sea Mobility

Vertical Features:

- Operate outside of terrestrial communication
- Enter and exit terrestrial communication
- On-the-move

Key drivers:

- Global & regional regulations, operational efficiency & crew safety

Core Needs :

- Data upload
- Software download
- Continuous transmission of various vehicle sensors and operational logs
- Hybrid (dual mode LTE-satellite)
- Crew communication (voice & chat)



Environmental monitoring

Vertical Features:

- Primary connectivity for assets operate outside of terrestrial communication.
- Secondary connectivity for asset operating within terrestrial communication.

Key Drivers:

- Operational efficiency & government programs.

Core Needs:

- Wildlife tracking and conservation efforts.
- Air and water quality monitoring .
- Remote sensing, warning & monitoring of environments sensors (fires, earthquakes, tsunamis, flood, etc..).

10-100MByte
monthly service



Critical Infrastructure & Asset monitoring

Vertical Features:

- Primary connectivity for assets operate outside of terrestrial communication.
- Secondary connectivity for asset operating within terrestrial communication.

Key Drivers:

- Operational efficiency, minimizing downtime, insurance.

Core Needs:

- Remote management of systems
- Continuous transmission of various system sensors
- Remote shutdown/restart
- Video Hybrid (dual mode LTE-satellite)

50-200MByte
monthly service



Ahead of the market

Early targeting of the global IoT market gave hiSky a leading technological edge over market competitor.



Voice & Data over satellite
from any smart phone



Hybrid Satellite-LTE terminals,
maximizes communicative efficiency



Proprietary waveform,
minimizes overhead costs



GEO-2-LEO fully adaptable
network for broadband
applications



Governmental standards
of data security

> Redefining “on-premise”
The entire hiSky network can be installed
on customer premises (local data center)

Thank you

