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
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.

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**Terminal band**

<table>
<thead>
<tr>
<th>Data Rates GEO</th>
<th>4Kbps-100Kbps</th>
<th>4Kbps-30Kbps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Rates LEO</td>
<td>0.5Mbps-10Mbps</td>
<td>0.5Mbps-10Mbps</td>
</tr>
<tr>
<td>Transmit Antenna Frequency Range</td>
<td>13.75~14.5GHz</td>
<td>27.5GHz to 30GHz</td>
</tr>
<tr>
<td>Receive Antenna Frequency Range</td>
<td>10.7~12.75GHz</td>
<td>17.7GHz to 20.2GHz</td>
</tr>
</tbody>
</table>

*Under development

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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.

**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.