

*Understanding your network options.*



Aircell® offers the industry's widest variety of network options, so you can choose equipment and services that meet your individual airborne communications needs.

Many Aircell products can provide service over multiple networks simultaneously, thereby increasing utility and capabilities. In addition to the networks covered, some Aircell products can interface with additional network services, such as Inmarsat Swift64 and Inmarsat Classic services.

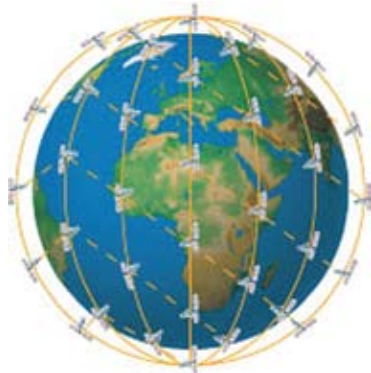
NETWORK OPTIONS

### Aircell Mobile Broadband Network



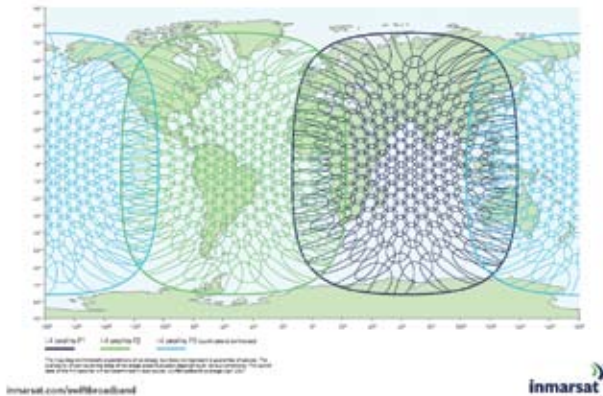
<b>OWNER/OPERATOR</b>	Aircell; Itasca, IL & Broomfield, CO, USA; <a href="http://www.aircell.com">www.aircell.com</a>
<b>QUICK HIT</b>	Powers the Aircell High Speed Internet system
<b>HOW IT WORKS</b>	Operates over exclusive, dedicated spectrum (communications frequencies) won by Aircell in a 2006 FCC auction. Uses modified version of CDMA EV-DO mobile broadband technology – the same employed by consumer services from Sprint®, Verizon® and others on the ground. Utilizes a network of wireless ground sites.
<b>KEY SERVICES</b>	High-speed data.
<b>SERVICE COVERAGE AREA</b>	North America. Full continental U.S. coverage above 10,000 feet AGL, and up to 200 miles offshore in some areas. Coverage in Canada & Mexico is planned.
<b>INSIDE SCOOP</b>	Serving both business aviation and the airlines, the Aircell Network is best-of-breed for high-speed data in North America. Because it uses ground-based mobile broadband technology, it allows very robust data speeds, with affordable service, and small antennas & equipment.





### Iridium Satellite Network

<b>OWNER/OPERATOR</b>	Iridium Satellite, LLC; Bethesda, MD, USA; <a href="http://www.iridium.com">www.iridium.com</a>
<b>QUICK HIT</b>	Satellite-based voice & narrowband data network
<b>HOW IT WORKS</b>	A network of 66 satellites in low-earth orbit approximately 485 miles above the earth. Traveling at 16,832 miles per hour, each Iridium satellite circles the earth every 100 minutes.
<b>KEY SERVICES</b>	Voice & narrowband data applications
<b>SERVICE COVERAGE AREA</b>	Truly global – all altitudes & latitudes, including polar regions, in the air and on the ground.
<b>INSIDE SCOOP</b>	Iridium is best-of-breed for global voice & narrowband data service in the aeronautical market. Good voice quality & affordable service. Antennas required are very small – the size of a hockey puck. Due to low bandwidth, not suitable for traditional e-mail & Internet.



### SwiftBroadband Service

<b>OWNER/OPERATOR</b>	Inmarsat plc; London, United Kingdom; <a href="http://www.inmarsat.com">www.inmarsat.com</a>
<b>QUICK HIT</b>	SwiftBroadband is Inmarsat's newest satellite-based high-speed data service
<b>HOW IT WORKS</b>	Operates on three geostationary (Inmarsat I-4) satellites in orbit approximately 22,000 miles above the earth.
<b>KEY SERVICES</b>	High-speed data & voice. Up to 332 or 432 kbps data speed (depending on antenna choice).
<b>SERVICE COVERAGE AREA</b>	Near-global. All major world regions are covered, from the equator up to approximately 82 degrees latitude.
<b>INSIDE SCOOP</b>	SwiftBroadband is a major step forward for Inmarsat and satellite-based high-speed data communications. It's not the fastest service on the market, but speeds are good and new technology allows it to operate using the smallest & lightest equipment & antenna package ever for an Inmarsat-based system. Service is much more affordable than previous generations.