



Application Scenario

Snowmobilers Get Lost and Stranded in Colorado Mountains (Cell phone coverage)

The Situation

A group of six snowmobilers were lost and feared dead in a winter blizzard in Colorado's San Luis Valley. The group was trapped in one of a series of storms that brought as much as 11 feet of snow, flooded homes, knocked out power and killed at least three people across the western U.S. Hold-up in an abandoned cabin for over three days, the snowmobilers did not have GPS and their cell phones had no signal. They were safe for the moment, but had no way of directing search and rescue teams to their location.

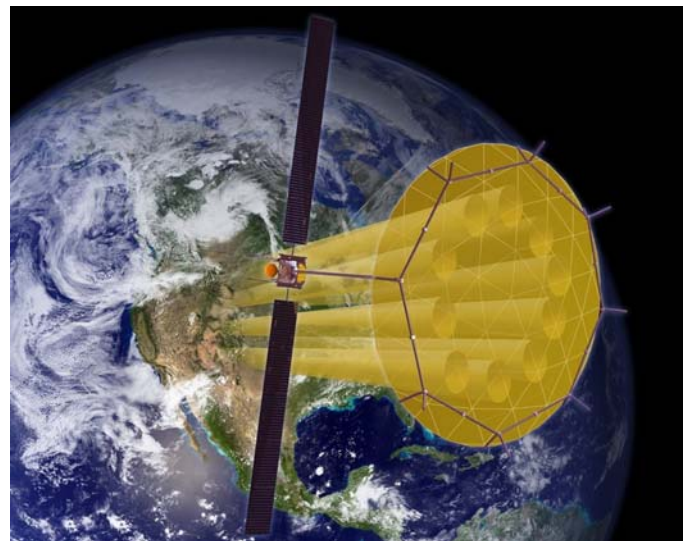


Searchers mount rescue operations for missing snowboarders

The Solution

An integrated satellite-terrestrial communications network, currently being developed by SkyTerra Communications, will provide ubiquitous wireless broadband services, including Internet access and voice services, throughout North America. This network, using commercially available handsets will offer significant advantages over existing wireless networks. Such potential advantages include vastly expanded and improved phone coverage as well as

higher data speeds, lower costs, and flexibility to support a range of custom IP applications and services. With SkyTerra's new hybrid service, the stranded snowmobilers would have had phone coverage to call and direct searchers and contact family and friends, who were very worried about their safety.



SkyTerra's next-generation satellite

SkyTerra Overview

SkyTerra is developing its hybrid satellite-terrestrial communications network, based on SkyTerra's patented ancillary terrestrial component (ATC) technology. The company expects its next-generation network will provide seamless, transparent and ubiquitous wireless coverage of the United States and Canada to conventional handsets. SkyTerra plans to launch two of the most powerful commercial satellites ever built. These satellites will provide a platform for interoperable, user-friendly and feature-rich voice and high-speed data services. SkyTerra's network will enable communications in a variety of industry segments including public safety, homeland security, aviation, transportation and entertainment.

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