



## Application Scenario

### Snowmobilers Get Lost and Stranded in Colorado Mountains (Telematics)

#### 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.



#### The Solution

An integrated satellite-terrestrial communications network, currently being developed by SkyTerra Communications will provide ubiquitous wireless broadband services, including telematics, remote monitoring, and distress signal communications, throughout North America. By embedding SkyTerra chipsets into outdoor recreational

vehicles like snowmobiles, users will be able to be in communication anywhere, anytime. Such potential advantages include vastly expanded and improved communications coverage, mapping capability, distress signaling, engine diagnostics, and low cost chipset availability. These features will all be possible through SkyTerra's new hybrid service. With SkyTerra's next generation services, the stranded snowmobilers would have had coverage to call and direct searchers and contact family and friends, who were very worried about their safety.

#### 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.



Rescue workers mount search operation

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