



Application Scenario

Utah Couple Rescued After 12 Day in Deep Snow (Telematics)

The Situation

A husband and wife, stranded for 12 days when their pickup truck became stuck during one of the winter storms in Utah, were rescued by a snowplow driver who happened upon them on a little traveled canyon road. The couple had taken a road trip to photograph wild horses when their pickup got stuck in the snow. They were out of cell phone range and did not have any means of getting help from their stranded vehicle. After spending nine days surviving in the truck eating groceries they had with them, their only hope of rescue was to try to walk to safety. The couple walked three days and nights in the wild before finally coming upon the snowplow. They were slightly dehydrated, frostbitten, and suffered from light hypothermia. An advanced satellite-terrestrial communications network under development by SkyTerra Communications could have helped locate the couple and alerted rescuers



Rescuers providing medical help

The Solution

An integrated satellite-terrestrial communications network, currently being developed by SkyTerra, will provide ubiquitous wireless broadband

services, including telematics, remote monitoring, and distress signal communications, throughout North America. By embedding SkyTerra chipsets into cars and trucks, 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 couple would have had coverage to call and direct searchers and contact worried family members.



Couple walked 3 days

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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