



Application Scenario

Hiking Couple Rescued (Cell Phone Coverage)

The Situation

Dateline: Larimer County, Colorado – A couple from Fort Collins, Colorado, missing for five days, walked out of the woods on their own. They were initially spotted at 10:30 a.m. when searchers saw smoke was coming from a cliff southwest of the Big South Trailhead. At 1 p.m., the Civil Air Patrol confirmed 56-year-old Terry Jones and 49-year-old Marion Jones had been found southwest of the Big South Trailhead. That is in the area northwest of Rocky Mountain National Park. According to the Larimer County Sheriff's Office, the Joneses are "tired but in good health." Deputies say once the couple was given food and water, they were able to walk out on their own around 3:45 p.m. "We're very lucky, we didn't always think it was going to turn out this way," said Terry Jones. The couple had a map, but it did not show that a bridge on the trail was gone. "We knew where we were the whole time. We were never lost, we were stranded," said Terry.



The Jones are reunited with family & friends

The couple realized they could not get out of that area safely. "That's when we realized we were really, really in trouble," said Marion. "We didn't have much water after the first day because we drank it all by the time we got up there, and we ran

out of food on the third day," said Terry. She also mentioned they ate a few mushrooms they found in the wilderness. They also found some berries that were edible. Rangers say Terry and Marion Jones are experienced backpackers and had the proper gear with them. But a satellite-terrestrial phone would have helped the couple avoid this emergency.

The Solution

An integrated satellite-terrestrial communications network, currently being developed by SkyTerra 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.

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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