

Adirondack Advanced Network Provides Disaster Recovery Services to Remote New York Mountain Towns

About



Customer: Adirondack Advanced Network (AAN)

Country: USA

Industry: Government / Private

Product: RADVISION Video Conferencing Gateways, 70 Video Conferencing Room Systems and 40 Desktops

About AAN

AAN was created to provide advanced telecommunications services such as distance learning, telemedicine, Internet connectivity and video conferencing to geographically remote areas in the Adirondack Region of Upstate New York. Funding for the initial phase of the network was obtained through the New York State Advanced Telecommunications Project.

The Mission

Provide disaster recovery and communications services to remote locations in New York's Adirondack mountain region.

The Challenge

AAN was looking for a solution that supported both IP-based endpoints and also its many legacy ISDN endpoints. RADVISION saved network developers the expense of installing ISDN lines in each location while giving them the flexibility to move video conferencing

equipment from room to room without ever having to move lines. The 70 video conferencing room systems and 40 desktops on the network are manufactured by a number of different suppliers. Many of these systems require protocol conversion from H.320 to H.323.

The Solution

FEMA, the State Department of New York, Verizon, Cisco and RADVISION teamed to establish the Adirondack Advanced Network (AAN) in 1997. It was prototyped with funds from the New York State Advanced Telecommunications project funded by Verizon. The AAN, an IP over frame relay network, is configured with several RADVISION Video Conferencing Gateways that provide disaster recovery and communications services to remote locations in New York's

Adirondack mountain region. The Gateways convert H.320 data from ISDN to encapsulated H.323 to run on the IP over frame network. RADVISION Gateways provide all sites on the AAN with centralized access to ISDN lines. This has saved network developers the expense of installing ISDN lines in each location while giving them the flexibility of being able to move video conferencing equipment from room to room without ever having to move lines.

The Benefits

The network was first used in January 1998 when the Adirondacks were hit by record-breaking ice storms, snow and severe cold. The New York Department of State and FEMA set up disaster recovery command centers to reach communities that had lost electric power and phone service. State Department and FEMA directors were able to maintain direct voice and video contact with the repairmen who were working to restore power to the area.



Looking Forward

In addition to disaster recovery services, the network today receives ongoing use for distance learning, training and non-critical community outreach services.



About RADVISION

RADVISION (NASDAQ: RVSN) is the industry's leading provider of market-proven products and technologies for unified visual communications over IP and 3G networks. With its complete set of standards based video networking infrastructure and developer toolkits for voice, video, data and wireless communications, RADVISION is driving the unified communications evolution by combining the power of video, voice, data and wireless – for high definition video conferencing systems, innovative converged mobile services, and highly scalable video-enabled desktop platforms on IP, 3G and emerging next generation networks. For more information about RADVISION, visit www.radvision.com

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