

# New Zealand National Research & Education Network Deploys RADVISION Next Generation HD Video Conferencing Solution

## About

REANNZ

**Customer:** Research and Education Advanced Network New Zealand (REANNZ)  
**Country:** New Zealand  
**Industry:** Higher Education / Research  
**Product:** SCOPIA Elite MCU, SCOPIA Desktop, SCOPIA iVIEW Management Suite

### About Research and Education Advanced Network New Zealand (REANNZ)

Research and Education Advanced Network New Zealand (REANNZ) operates the Kiwi Advanced Research & Education Network (KAREN) supporting more than 220,000 users at over 120 New Zealand universities, research institutes, government agencies and private sector partners.

KAREN is the exclusive broadband network, linking education, research and innovation organizations in New Zealand.

KAREN Video Conferencing Service (KVCS) is owned by REANNZ with Advanced Video Collaboration Centre (AVCC) and Communication Partners providing management on a day-to-day basis.

## The Mission

KVCS allows people in New Zealand and across the world to communicate with each other in real time using simple video conferencing tools. Subscribers to the service can participate in high definition (HD) multipoint video calls, schedule meetings and invite participants, webcast or record their event, and benefit from a free HD desktop video conferencing application.

“Having the ability for anyone to effortlessly download SCOPIA Desktop and participate in an HD video conference from their PC or Mac, without worrying about firewalls, will dramatically increase the adoption, productivity and maintained use amongst universities and other institutions within New Zealand.”

Nathan Gardiner, Director  
Advanced Video Collaboration Centre

## The Challenge

Video conferencing is an essential tool for the KAREN community; use of the technology for research, teaching and day-to-day business has sky-rocketed over the last three years. The solution needed to accommodate this fast growth along with desktop conferencing at a very

competitive price point. With KVCS being a shared resource, the solution also needed to scale for large events including conferences, lectures and workshops accommodating large numbers of both interactive and streamed viewers.

## The Solution

KAREN's deployment of RADVISION's SCOPIA conferencing solution included the SCOPIA Elite MCU, SCOPIA Desktop and SCOPIA iVIEW Management for a full video conferencing solution with the following key capabilities:

- **Full HD Multi-Party Video Conferencing:** full HD video conferencing and data sharing with multiple participants within KAREN and beyond.
- **Virtual Conference Room:** video conference in seconds inside a 'private virtual office' for ad-hoc meetings.
- **HD Desktop Video Conferencing:** use and distribute the free desktop client software for HD video conferencing on both the PC and Mac with an inexpensive web camera. The client is a simple web browser plug-in

that downloads in seconds and seamlessly connects through firewalls offering an ideal solution for users in the office, on the road or at home.

- **High Scale Web Streaming:** stream video conferences including presentations to viewers around the world, direct to their web browser.
- **Powerful Conference Booking and Management:** schedule meetings, send automatic meeting invitations and moderate attendants with the easy to use booking system. Monitor application usage through an extensive range of visual reports.
- **Conference Recording:** record any meeting for a permanent record or for streaming at a later date.

## The Benefits

KVCS users save money with reduced travel costs, have improved productivity with less time spent traveling, share resources for course delivery, access international experts easily and experience increased participation from remote parties.

KVCS has been used in a variety of ways including:

- National and international collaborative research
- Remote diagnostics in medical and bio-security environments
- Delivery of courses
- Interviews of remote candidates for job vacancies
- Scientific outreach to schools
- Accessing international experts for speaking events
- And graduate oral examinations.

## Looking Forward

In the first 6 months of operation, KAREN supported over 4,400 meetings on RADVISION's SCOPIA solution with meeting activity growing from approximately 200 in the first month to nearly 1,200 per month. Also recently hosted on the SCOPIA solution was the "Signs of Change" national e-conference linking lecture theaters in six cities enabling participants and speakers to travel only to the nearest venue. Hosting the conference on the SCOPIA

solution saved nearly \$200,000, hundreds of hours sitting on airplanes, and over 85 tonnes of CO2. With the clearly successful rollout and strong usage growth in a short period of time, REANNZ is already planning for expansion of the SCOPIA solution and adding new capabilities such as support for the Apple® iPhone® and iPad™.

### 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 communications solutions 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](http://www.radvision.com)

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