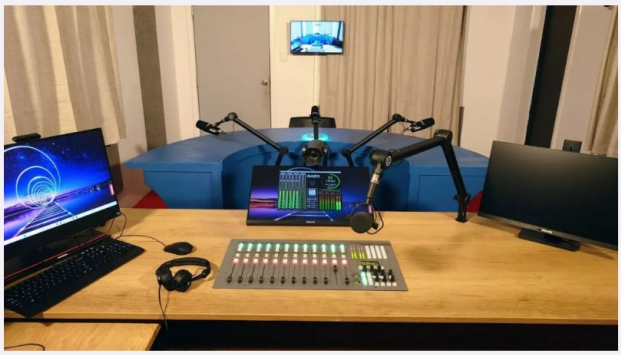
Visual Radio System at MMG Communications, Radio2AP, Samoa



Client: MMG Communications, Radio2AP (National Broadcaster, Samoa)

MiseOpoint successfully delivered and commissioned its third Visual Radio system for Radio2AP, the National Broadcaster of Samoa. The setup integrates cutting-edge equipment to enhance the radio broadcasting experience, incorporating the **CapitolIP digital audio mixer** from AEQ, the **NewTek TriCaster** (now part of Vizrt), and **Telycam Vision+ 4KN PTZ cameras with 30x optical zoom**.

The system was designed with a seamless **NDI workflow**, allowing easy integration and remote operation. NDI enables the Vision+ cameras to communicate over the network without the need for additional hardware or encoders, simplifying the overall setup. As a result, Radio2AP can now telecast its radio shows both online and on **TV9**, Samoa's National TV Broadcaster.

A key component of this system is the **Telycam Vision+ 4KN PTZ camera**, which captures high-definition video of radio hosts and guests in the studio.

Benefits and Outcomes:

- **Auto-Tracking for Active Hosts:** The **Vision+ 4KN PTZ cameras** offer built-in **auto-tracking**, which automatically adjusts the camera to follow the radio hosts and their guests. This ensures that the camera keeps the hosts in frame even as they move around the studio, providing a more dynamic and professional viewing experience.
- **Expanded Broadcasting Reach:** Radio2AP is now able to telecast its radio shows not only on the internet but also on **TV9**, the National TV Broadcaster in Samoa. This expanded reach allows the station to attract a broader audience, combining traditional radio with modern visual content, making it more appealing to both viewers and listeners.
- **Cost-Effective and Efficient:** The **Vision+ 4KN PTZ camera** reduces the need for additional personnel in the studio, as the auto-tracking and PTZ controls can be operated remotely. This makes it a cost-effective solution for broadcasters who want to improve their production value without increasing staffing requirements. The ease of integration with existing NDI and Dante workflows also ensures that setup and operation are both efficient and scalable.





The Telycam Vision+ 4KN PTZ camera offers all the key features necessary to elevate the quality of Radio2AP's broadcast. Below are the standout features that make this camera an ideal choice for dynamic broadcast environments:

Key Features of Telycam Vision+ 4KN PTZ Camera:

- 4K Ultra HD Resolution: The Telycam Vision+ 4KN PTZ camera offers 4K UHD video output, ensuring that Radio2AP's broadcast is not only of the highest audio quality but also visually stunning, making the show more engaging for both viewers and listeners.
- Auto-Tracking Technology: One of the standout features of the Vision+ 4KN PTZ camera is its built-in auto-tracking capability. This advanced technology ensures that the camera automatically follows the radio host and their guests as they move around the studio, keeping them perfectly framed without the need for manual adjustments. Whether the host is standing, sitting, or moving around, the Vision+ 4KN ensures smooth and continuous tracking.
- Seamless Integration with NDI: The Telycam Vision+ 4KN PTZ camera is designed to integrate seamlessly into modern broadcast workflows. With NDI compatibility, the camera can transmit high-quality video over the network with minimal latency, without the need for additional hardware or encoders.
- Flexible PTZ Control: The camera's pan-tilt-zoom (PTZ) functionality offers flexible and precise control, which is essential for dynamic studio environments like Radio2AP's. With a 30X optical zoom lens, the camera can zoom in and out quickly and smoothly, ensuring that every moment of the show is captured clearly.
- Enhanced Broadcast Capabilities: The Vision+ 4KN is fully equipped to handle the demanding requirements of broadcast production, providing high-quality HD or 4K60 video with clear, vibrant colors and minimal noise. Its precise auto-focus and auto-exposure ensure optimal image quality in varying lighting conditions, making it ideal for a professional radio-to-TV setup.

MiseOpoint's Visual Radio system for Radio2AP represents a successful combination of innovative technologies, bringing a fresh and professional visual element to traditional radio broadcasting. With the AEQ CapitolIP digital audio mixer, NewTek TriCaster, and Telycam Vision+ 4KN PTZ cameras, Radio2AP is now equipped to provide high-quality radio and TV content that engages both local and international audiences.