

CASE STUDY: CITY OF KISSIMMEE

Seamless NDI Network Coverage with Panasonic AV-HLC100 Stream Studio

Challenge

The City of Kissimmee in central Florida operates a 24-hour government TV channel, Access Osceola, whose central assignment is providing live coverage of bi-monthly council meetings, also carried on the city's website. Kissimmee's Communications & Public Affairs Office also produces a multitude of civic and educational videos for broadcast and web consumption.

Access Osceola delivers production support to City Departments, as well as County partners including the Sheriff's Office, Supervisor of Elections Office, and the water and power utilities. Assignments for these partners range from producing social media content and Public Service Announcements (PSAs) for local TV stations to live event coverage.

Kissimmee had been using Panasonic pan/tilt/zoom cameras for more than 15 years, but according to Lead Video Producer Christopher Rodriguez, those cameras were outdated and it was time to upgrade to HD and beyond.

Solution

Panasonic's new AV-HLC100 Stream Studio has become the hub of wide-ranging video production for Access Osceola, which is also supported by four AW-HN130 three-chip FHD PTZ cameras and two AU-EVA1 5.7K handheld cinema cameras.

The HLC100 is an all-in-one professional live streaming solution that includes an integrated PTZ camera controller, built-in audio mixer, titler, clips/stills player, multi-destination stream encoder, and much more in a single device. The HLC100 makes it possible for one person to operate everything from PTZ camera shooting to streaming transmission.

"When we demoed the HLC100 at an industry trade show, we were excited to learn that it was completely compatible with Panasonic's current generation of FHD PTZs, and was actually designed to control them," Rodriguez said. "Also, the HLC100 has a small footprint, a crucial consideration as we operate our control room out of Access Osceola's office in City Hall."

Customizing the Solution

Rodriguez explained that the four HN130 PTZs are permanently installed in the Commission Chambers, likewise located in City Hall. The new HN130 has built-in Network Device Interface (NDI) support, which links the camera directly to an NDI network with automatic detection by the HLC100. The NDI connection established between the HLC100 and the PTZs facilitates full control of the remote cameras and requires no additional menu configuration.

Rodriguez said that the pair of EVA1 cameras are being utilized for both studio and field production. "Our partners are increasingly asking us to shoot in 4K – the Panasonic handheld is an ideal solution as we already had a full set of prime cine lenses, compatible with the new cameras."

Result

The Panasonic equipment has been up and running at Kissimmee City Hall since early summer, which represents live coverage of more than a half dozen major council meetings, election debates and daily production projects for the City and its partners.

Summary

"The HLC100 streamlines live broadcasts on our access channel and live streams on our website. We can stream and record simultaneously for easy archiving," Rodriguez noted. "The EVA1 has significantly improved our production values. From the EF mount to the multiple frame rates and the incredible focus assist feature, it's a great, versatile camera. All EVA1 assignments are shot in 4K.

"We're seeing excellent all-around performance, and all of the gear is running smoothly."

For more information about the city of Kissimmee, visit www.kissimmee.org.

For more information about Panasonic professional video products, visit business.panasonic.com/products-professionalvideo or contact Panasonic at 877-803-8492.

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– Christopher Rodriguez, Lead Video Producer,
City of Kissimmee, Public Affairs Office



Four AW-HN130 provides interesting views for live broadcasts.



The AU-EVA1 is ideal for studio or field work.