



## **CASE STUDY:** CalRecycle upgrades webcasting and Video Teleconferencing capabilities with IDSolutions

CalRecycle's vision is to inspire and challenge Californians to achieve the highest waste reduction, recycling and reuse goals in the nation. Through innovation and creativity, sound advancements in science and technology, and efficient programs that improve economic vitality and environmental sustainability, we build a stronger California.



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One such advancement in technology was to upgrade and expand the webcasting and video conferencing systems that CalRecycle and related organizations rely on. CalRecycle embarked on a series of upgrades working with integration partner IDSolutions.

Since the CalRecycle offices are located in the same building as many other EPA related organizations, the systems needed to meet the needs of all organizations and the community at large. Since this project was evolutionary, upgrading from a previous solution, requirements included advancements in what the old system was able to provide. The new system needed to be High Definition, compatible with higher

bandwidth, more users, more viewers, HD cameras and digital audio. But the biggest need of all, was ease of use.

Older legacy equipment was replaced with a distributed AMX DGX switching system with central routing, Biamp Tesira AVB distributed audio, Tricaster 410, Sony HD-SDI Cameras, and a DECT wireless microphone array.

Because these rooms are very high volume use, hosting a combined 60 – 70 events per month, each room was installed one at a time. "IDSolutions remained onsite consistently until the entire install was complete," explained Joaquin Murrieta, Television Specialist at CalRecycle, "our relationship with IDSolutions is long term."

Three heavily used hearing rooms, that can accommodate up to 300 people, had sound and video upgrades done to enhance the existing webcasting capabilities by allowing different camera angles, picture in picture, and creating

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graphics such as lower thirds on broadcasts. In addition, several classroom style rooms that can accommodate up to 70 people were enabled with video conferencing capabilities, which CalRecycle can also webcast by sending the VTC feed to their encoders to stream.

In order to hold an event in one of the video capable conference rooms meeting coordinators reserve a room using an electronic reservation system. If webcasting or video conferencing is needed, the video team receives an alert. They can then collaborate with the meeting coordinator to see what the meetings needs are. On the day of the webcast the video team coordinates with meeting organizers to help them set up and then go behind the scenes to handle the technical aspects of the webcast.

“We've seen increased usage of the rooms that are video conferencing capable, they are very popular,” explained Joaquin, “more webcasting and more video conferencing services for agencies, equals less travel and greater accessibility for a bigger audience. Also saving on travel, pollution, gas and other environmental impacts that are a cornerstone to the CalRecycle vision.”

In the future the agency plans to continue expanding the webcasting and video conferencing programs as well as add a media management solution to help organize recorded digital assets and make them more easily accessible.

### About CalRecycle

CalRecycle is California's leading authority on recycling, waste reduction, and product reuse, and is leading the way as California pursues its statewide goal of 75 percent recycling by 2020. CalRecycle plays an important role in the stewardship of California's vast resources and promotes innovation in technology to encourage economic and environmental sustainability.



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