

NATIONAL LAW FIRM

BACKGROUND

One of the nation's largest east coast law firms known for their innovative solutions and effective client communications expanded by adding five new offices in the California area.

DESIGN GOAL

The firm needed multiple multi-purpose and conference rooms in their new offices to include videoconferencing systems for client depositions, national staff meetings, and attorney client meetings. This required finding an audio video partner who could supply and integrate videoconferencing systems compatible with all of the firm's offices located throughout the United States. This requirement led them to CompView to be their single source audio visual integrator in the Southern California area.

SOLUTION

CompView carefully evaluated the equipment already installed in the firm's east coast offices and chose Polycom's high definition videoconferencing system for seamless integration. CompView provided the general contractor with audio visual size specifications for each room to create custom vented cabinetry to house the AV equipment. These cabinets are aesthetically pleasing to the room and provide a transparent look for the audio visual equipment.

MULTIPURPOSE AND CONFERENCE ROOMS

On the front wall of the multi-purpose room there are dual 65 inch high resolution displays mounted side by side on the wall with Premier PCM-MS3 wall mounts. In between the displays CompView installed a Polycom Eagle Eye HD camera at a height of 60 inches to capture clear video at the best viewing angle for meeting participants sitting at the conference table. They also installed an Eagle Eye camera in back of the room to capture the presenter at the front of the room.

The firm's video and audio conferencing system is simple to operate. The users can make multipoint calls with the capacity of connecting three remotes sites with the host site (totaling 4 sites on a call) simultaneously. The videoconferencing system is



capable of sharing computer applications which allows remote sites to view a participant's computer or video documents from their local server or computer. This feature allows for the user to have collaborative annotation with all viewers on the 65" displays at the front of the room.

CompView chose Polycom HDX Ceiling Microphones to clearly pick up voice communication for video or audio conference calls from anywhere inside the room. Wall speakers mounted in back of the room provide sound reinforcement to assist meeting participants by amplifying audio inside the room.



CompView supplied a Middle Atlantic 14RU sliding equipment rack in the firm's furnished custom made rack cabinets. The sliding rack rolls out of the cabinet on a raised track to provide easy access to the AV equipment. The rack includes the equipment to operate and control the videoconferencing and audio systems. The equipment includes:

- Samsung DVD/VHS deck with internal TV Tuner
- Extron RGB109xi Coder/Decoder
- Polycom VSX 9002 audio and video teleconferencing
- Biamp amplifier/mixer
- ClearOne XAP 800
- Crestron Control Processor
- Crestron Video Synch Sensor module

The videoconferencing equipment has an internal gateway making it capable of IP, ISDN, for seamless conferencing between the two protocols. Advanced features allow users to use the videoconferencing units' remote control in order to keep the touch panel interface simple and intuitive.

The conferencing and related equipment are all easily controlled by Crestron control touch panels with a flush wall mount docking station to allow transport control over local source equipment. The control panel is activated by pushing an equipment icon displayed on the control panel. The participant can then control a personal computer, VCR, video control, call presets, dialing, volume, video camera pan/tilt/zoom, and automatic on/off of the videoconference room light

fixtures. A secondary wireless touch panel is used in the same manner as the fixed wall mount touch panel. The wireless touch panel allows users the flexibility to control the AV aspects from anywhere within the room.

The AV systems in the conference rooms are set-up like the multipurpose room systems except for the customized hidden ceiling microphones. The client needed a custom solution to make the ceiling microphones hidden. CompView worked closely with the architect and the contractor to design, create and engineer a custom lighting fixture that contains the microphones for optimum functionality and a seamless look.

The beautiful multipurpose and conference rooms are the focal point of the law firm's interior design. CompView designed, engineered, and integrated the audio visual systems to reflect the interior style.

REGISTERED AND BONDED

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