



closed panels



retractable panels



custom camera enclosure

The Challenge

Peabody Energy wanted to build a new corporate boardroom that would be used for board meetings and strategic, energy planning sessions with 9th floor Executives. The Boardroom, however, was going to be a brand new build-out. When Innovative Technology Group (ITG) was brought in to assess the room, there was one big hurdle that had to be overcome: a Draper 12' rear projection screen was recommended for the size of the room, but it could not be brought in via an elevator. The window in the boardroom would have to be removed and the screen would have to be lifted into the room - located on the 9th floor of Peabody Headquarters in downtown St. Louis.

The Solution

On a quiet, early Saturday morning, a huge crane started its engine in downtown St. Louis, to the east side of Peabody's headquarters. A 12' rear projection Draper screen,

boxed up and hanging from aircraft cables, was elevated to a window on the 9th floor and was guided safely into the building. With equipment now all in the new boardroom, installation and calibration could begin. Once the rear projection screen was placed at the front of the boardroom, retracting, cherry wood panels were installed. The panels are used to cover the screen when not in use and prevent any distractions. The retractable nature of these panels provide an efficient method of storage when pulled back into the wall. The Draper rear projection screen is a split configuration that can project a computer and video source at the same time. This makes it extremely valuable when videoconferencing, for example, allowing the board members to analyze computer/internet-based data while videoconferencing to offices in Australia or China. Their Tandberg 6000 Videoconferencing system allows members to conference with 5 different Peabody locations - worldwide. "We've just started to use

it more with the remote sites set up here in the U.S.," explains Casey Blankenship, Network Specialist for Peabody, "There's always an initial learning curve when you bring in something different, but the admins and technical support employees have been able to get things up and running quite smoothly." To the sides of the screen are two cameras that have specially designed camera lenses. "We only had a limited amount of depth in the wall which meant that a regular, square camera lens would not suffice in capturing everyone in the room on a videoconference," explains Jim Scheer, President of Innovative Technology Group. "A rounded lens allowed for a full range of pan, tilt, and zoom in this case - creating a wider field of view."

A Ceiling Document Camera is also installed at the front of the boardroom. Mounted right above the end of the table, the camera captures detailed images within a wide field of view for display on

the rear projection screen. Its razor-sharp focus makes it perfect for sharing even the tiniest details of maps that are commonly used with mining presentations.

And all of this technology is being controlled at the touch of a button with a wireless and wired Crestron control panel. The wireless panel gives participants the ability to walk around the room to control video sources such as the satellite, DVD or VHS systems. The wired panel can be moved to 3 different connection points: two places at the table and one at the credenza.

With the extent of technology and challenges that it poses, Peabody was very pleased with the work done. Quips Casey, "Would we use them again? Definitely, we have many times over already!"

Equipment List

EXECUTIVE BOARDROOM

Wireless and Wired Crestron Control

Lighting Control

Beyerdynamic: Integrated, wireless, conferencing mics

Draper 16:9 Rear Projection Screen

Wolfvision Ceiling Document Camera

Tandberg 6000 VTC and Dual Cameras

Christie 16:9 Projection System

Biamp Mix/Minus Teleconference System

A/V Rack w/DVD-VCR Combo

Tannoy Distributed Audio



lifting
the screen



ceiling
doc cam



split screen



table mic
and pop-up
box



A Color Art Integrated Interiors Company

Because what's inside counts.