

AUDIO VISUAL SCREENS TECVISION™ MAKES AN IMPACT

CASE STUDY - FEBRUARY 2015



TecVision XT1300X White in a conference room at Royal Caribbean Cruises' headquarters in Miramar, Florida.

■ **"I AM BLOWN AWAY."** "How did you do this?" "You obviously know what you're doing." Those are just a few of the "wow" stories we've been hearing since the introduction of TecVision™ Engineered Screen technology.

One story comes from Mike Wilson CTS-I, DMC-D 4K. Wilson is the AV Engineering Manager for Corbett Technology Solutions, Inc., located in Chantilly, Virginia. He chose Draper's Access/Series V ceiling-recessed screen with TecVision™ XT1300X White for use in a conference room at Royal Caribbean Cruises' headquarters in Miramar, Florida.

"When I turned the system on, I was blown away by this screen," Wilson says, adding, "Wow!"

The room is approximately 17 feet wide and 30 feet deep with a four foot by 16 foot oval-shaped conference table in the centre with seating for 14, according to Wilson. It is an interior conference room and room lighting is controllable via the AV control system.

Wilson decided to go with the TecVision™ XT1300X White surface because of the broad viewing cone and uniform diffusion. He paired the 1.3 gain screen with a 4,000 ANSI lumen single-chip DLP projector, which, due to some architectural lighting features above the table, was mounted less than seven feet away from the screen.

"What impressed me the most was the lack of 'hot-spotting' on the screen," Wilson says. "I figured I would see some since I was projecting from such a close distance." Wilson also points to the surface's accurate color reproduction as a real positive.

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Broad viewing cone

“I figured I would see issues with Red/Green/Blue colors because of the high-gain material and only using a single-chip DLP,” says Wilson, adding that he was also wowed by the “off-angle viewing—I had been skeptical of the broad viewing cone.”

Wilson is not the only person to notice the color accuracy of TecVision™ surfaces ... and it’s not just an impression that varies with different viewers. TecVision™’s accurate color reproduction while dealing with ambient light played a crucial role in the complete original line of surfaces obtaining certification from the Imaging Science Foundation, which offers video image quality calibration services and certification for consumer and commercial electronics.

“Finding the color fidelity of high gain materials close to that of no gain materials was wonderful,” according to Joel Silver, the President and Founder of the ISF. “Gain without a price to pay is a wonderful thing. I knew even without the specifications that [some of] these screens were high gain, but I wasn’t seeing the penalty of color shift.”

Silver says the display standards to which ISF tests are those of the International Telecommunications Union, which has 193 member countries. By complying with these standards, consistent visual performance can be achieved in studios, viewing rooms, and corporate boardrooms all over the world.



Better performance. Lower overall system cost. A screen fine-tuned to the room and situation. What more could you ask for in a projection screen? Draper dealers and end users certainly seem to have taken to the TecVision™ concept. After the line was introduced and started shipping in February 2014, response exceeded company projections and expectations to such an extent that Draper had to upgrade its facilities to handle the flood of interest and keep lead times at a minimum.

Currently available in eight exclusive formulations, TecVision™ features white surfaces with gains ranging from 1.0 to 1.9 over remarkably wide viewing cones, and grey surfaces with excellent performance under higher room light levels. All TecVision™ surfaces are also 4K ready.

For more information and to keep track of additions to the TecVision line, visit draperinc.com/go/tecvision.htm.