

TAFE NSW

Case Study

PRODUCT: BYRON SHEER SMOKE

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BACKGROUND

TAFE NSW is an Australian vocational education and training provider that has come to rely heavily on video conferencing to manage the challenges posed by COVID lockdowns. These challenges were heightened by poor acoustics in some of TAFE NSW's video conferencing rooms in their Ultimo campus. Design features within these rooms resulted in high reverberation times within the space, causing significant echo when on a video conference or phone call.

We decreased reverberation times by up to 40% so that the rooms could finally be used for video conferencing

CHALLENGE

Acoustic Blinds and Curtains were contacted to help address these acoustic issues. In order to quantify the problem and recommend the appropriate treatments, Acoustic Blinds and Curtains measured the reverberation time in the meeting rooms and then compared them to the Australian Acoustical Society's recommendations. The reverberation time in the TAFE NSW video conferencing rooms was shown to be between 1.16 seconds, 45% higher than the recommended 0.8 seconds.



SOLUTION

Based on the testing, TAFE NSW agreed to install one floor-to-ceiling Byron Sheer acoustic curtain in each of their affected video conferencing rooms. The result was a 40% decrease in reverberation time, bringing the rooms into the recommended range. TAFE NSW's Facilities Management team noted that the sound quality of video conferencing meetings improved and that the premium finish of the curtains looked "great in situ".

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