



CASE STUDY

Project Overview

The Royal College of Surgeons Ireland (RCSI) was seeking an innovative way of delivering learning content that drives improved engagement across its large student base.

With its existing collaboration platform no longer generating the right engagement from remote participants, RCSI wanted to migrate to a new, fit-for-purpose solution. The goal was to secure a platform that allows RCSI to connect with each participant on a one-to-one basis, regardless of the number of remote students, for maximised engagement and attention. RCSI met with X2O Media, a leader in communication tools who specialise in real-time immersive learning and training environments. Its hybrid and remote classroom technology features high-definition, bi-directional audio-visual communication, interactive whiteboards and presentation monitors with content sharing and integrated collaboration tools.

X2O Media provided RCSI with a live demonstration of its cloud-based X2O OneRoom solution, showcasing the benefits of being able to see multiple participants at once combined with an intuitive user interface. The project progressed quickly and Kinly was engaged as a trusted technology advisor to design and install the AV equipment.



The Solution

The solution is based on an innovative foundation provided by X2O Media's OneRoom platform. X2O OneRoom is a blended learning platform that provides an immersive and engaging one-to-one learning experience for both in-class and remote students, supporting both synchronous and asynchronous learning. This cloud-based system makes it easy for remote participants to join and engage using only a Chrome or Safari browser, with no software required.

The interactive solution promotes real-time immersive engagement across the globe and comes complete with a suite of advanced collaboration tools. In addition, broadcast quality, high-definition audio-visual streams and interactive smart collaboration tools allow remote students to interact and contribute in real-time.

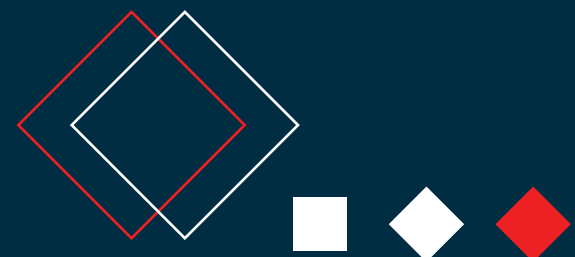
To complement the powerful learning platform, Kinly designed and installed a comprehensive suite of audio-visual technology that lends itself to an enhanced student and lecturer experience.

Twelve 55-inch displays are mounted in a 6x2 formation with media players installed between them and connected via HDMI, supported by a 49-inch confidence monitor on a wheeled stand with its own media player. Audio is managed through a ceiling microphone array, soundbars connected to a server for DSP, and wireless lapel microphones. Video is provided by miniature cameras mounted above each display and two additional wall-mounted cameras for alternate views, all linked to media players. A capture device and wireless presenter enable screen sharing at the interactive screen, while existing equipment racks were repurposed to house the new system for a more sustainable installation.

The Outcome

Through X2O OneRoom and expert audio-visual integration performed by Kinly, RCSI is experiencing greater engagement and participation from its remote student base than ever before. Lecturers have fully bought into the solution and have noted that they really enjoy using the new technology now at their disposal.

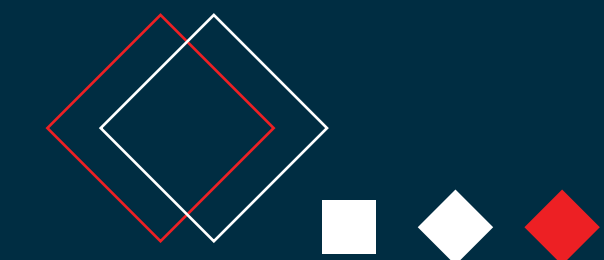
Four-weeks after going live, X2O Media delivered a best-practice workshop to the team at RCSI with the aim of further optimising the teaching and learning experience for lecturers and students alike. During this session where the teams at RCSI learnt how to make effective usage of the technology with useful tips on where to stand and how to use microphone effects. This was followed by an additional two workshops, giving RCSI the opportunity to provide feedback on what they love about the system and what they'd like to see change, creating a culture of continuous improvement.



The Outcome

The relationship between Kinly, X2O Media and RCSI continues to go from strength to strength and the three companies are in a fantastic position to secure sustained success moving forwards. Following the initial installation, RCSI engaged Kinly with the task of migrating the audio-visual hardware into a new room, as well as building a second hybrid space to further extend its capabilities.

- Brings in-room and remote learners together to share an equal, shared experience that drives exceptional learning outcomes
- Multiple cameras views enable students to navigate around the room for a broadcast-like experience
- Perspective cameras so that each student has their own personal view of the room for enhanced participation
- The spatial audio helps the lecturer to quickly identify and locate who is speaking to engage with them easily



Testimonial

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OneRoom has been used with students and has delivered spectacularly on its user experience promise. It adds a layer of interaction that platforms like Teams and Zoom so far lack, particularly with the directional audio and breakout rooms.

The lecturers and staff enjoy using the platform and have found X2O support to be extremely responsive. Having the staff and students accept the platform and be excited to use it is a huge win. This is often a barrier to bringing a new platform to the organisation.”

Fintan Guihen

Engineering Manager

Royal College of Surgeons in Ireland

About X2O Media

X2O Media provides technology to build remote and hybrid teaching and learning spaces for forward-thinking global corporations and higher education institutions. Its X2O OneRoom solution creates engaging hybrid and remote collaboration spaces to connect in-room and remote attendees in one equal learning experience.

X2O Media, part of the STRATACACHE family of marketing technology companies, is headquartered in Montreal, Canada with teams across the EMEA and APAC regions.

For more information:



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