



Part of **Aura**

CITY
UNIVERSITY OF LONDON
— EST 1894 —

EQUIPPING THE 21ST CENTURY COURTROOM

The next generation of legal specialists can now hone their professional skills in authentic, tech-enabled courtroom environments at The City Law School.



Digital signage
and wayfinding



BYOD video
conferencing



Courtroom live stream
functionality



BUSINESS CHALLENGE

With an explicit focus on supporting business and the professions, as well as improving the quality of the student experience, it follows that City, University of London is building next-generation learning spaces that keep pace with the best that the business world has to offer.

Reflex, part of Aura, were asked to provide a brand-new installation of AV technology into the City Law School building on Sebastian Street. The project covered 16 rooms comprising four group study rooms, two meeting rooms, one CPD room, six advocacy rooms, a board room, a library study space, and a moot court.

SOLUTION

With a concise brief that left room for creativity, the Reflex team put in plenty of CAD work up front. This ensured that the final solution not only worked efficiently and flexibly but complemented the spaces and delivered the 'wow factor' in key areas. The CAD drawings also helped with contractor co-ordination, ensuring services were provided in precise locations, and avoiding any project delays.

Significant consideration was given to ease of use in every space. BYOD functionality via USB ensures that the system is easily accessible to all, while dual touch panels are straightforward to operate. Retractable microphones and flip-top cable management helps ensure a sleek look, while the use of retractable projection screens contribute to the flexibility of the space. Both impact and functionality is achieved through the use of large-format screens in other areas, including a 3x3 digital wall in the reception area, which is driven by a Onelan digital signage system; it can be used as a single large screen, or as multiple displays. Onelan is also deployed to drive the LG stretch display, also in reception, which is used for timetabling and wayfinding.

In the moot court, students get to have a realistic 21st century courtroom experience, with a Crestron NVX AV over IP system, a 98" display behind the judge's bench, and personal touch displays for the judge positions. Recordings of the proceedings are available via an Extron SMP351 streaming processor and Echo 360 for lecture capture.

A live stream can be cast from the moot court to other spaces in the building, using Exterity encoding. In the witness room, a Roland VT-4 voice transformer gives users the ability to disguise an individual's voice by adjusting their pitch.

Additionally, the requirement included a 3x3 video wall in reception, four standard digital signage displays, and one LG stretch wayfinding display.

The upgrade project had four key aims: to provide the staff and students with high quality AV facilities in all rooms, to improve the presentation and collaboration experience for all, to enhance the AV booking experience for all, and to create training environments that replicate the real world. It also had to be performed within a tight timescale – taking place during the summer months to ensure no disruption to staff and students during term time.

With the support of City's staff, and other key contractors working on the project, Reflex was able to complete all work under budget and to a high-quality finish – and, critically for an educational establishment, it was completed on time, ready for the start of semester.



The project required an install of a 3x3 video wall which is displayed in the reception area.

“ From beginning to end it has been a pleasure to work with Reflex. Brilliant coordination, communication and attention to detail from Sam Barter (Project Manager), along with a diligent and can-do attitude from his onsite team, meant the installation and commissioning went very smoothly. ”

Mike Sadler, AV Infrastructure and Development Manager, City, University of London