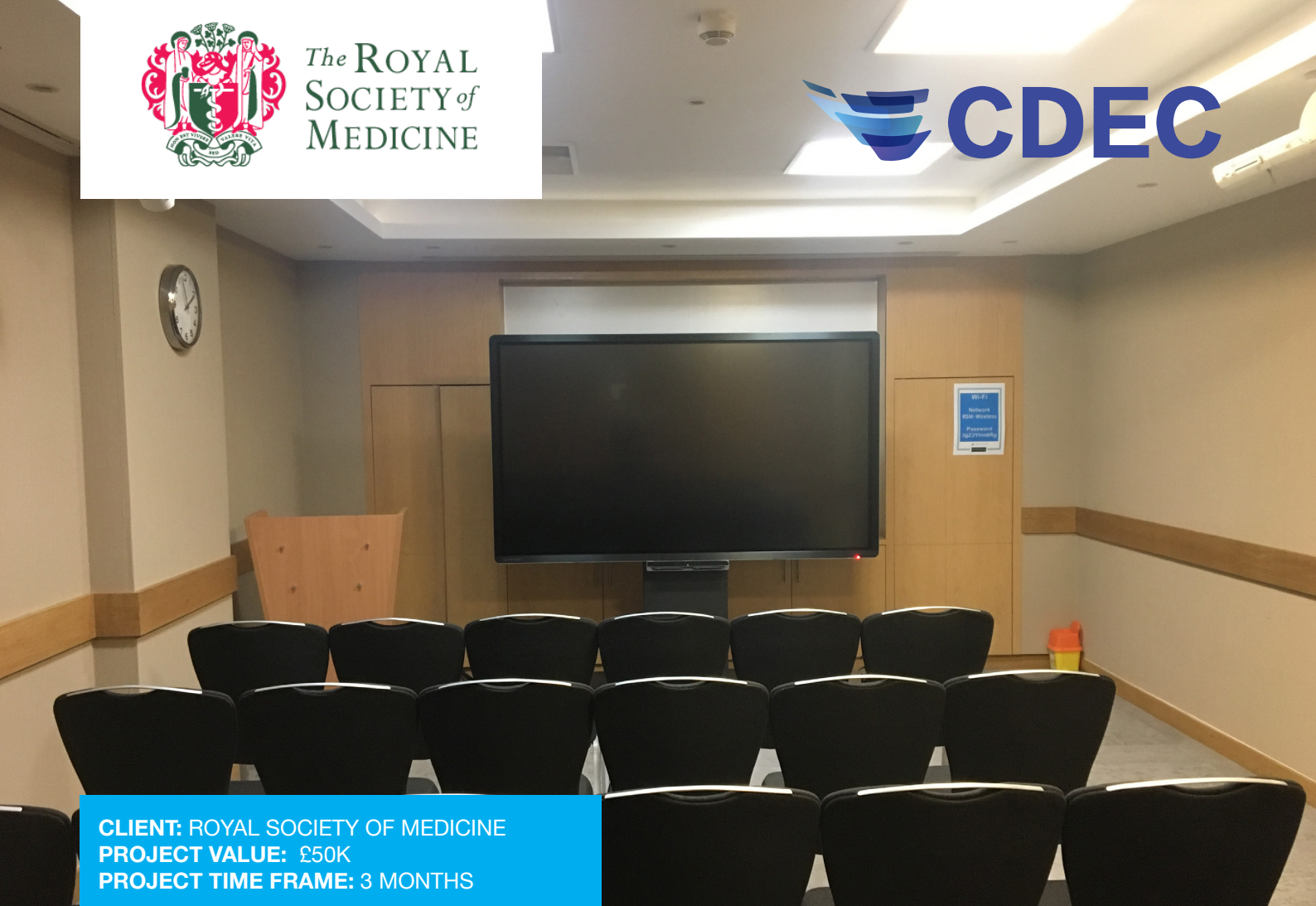




The ROYAL
SOCIETY of
MEDICINE



CLIENT: ROYAL SOCIETY OF MEDICINE
PROJECT VALUE: £50K
PROJECT TIME FRAME: 3 MONTHS

PRESCRIBING THE RIGHT KIND OF MEDICINE

The Royal Society of Medicine (RSM) is one of the country's major providers of postgraduate medical education. Each year, the RSM organises over 400 academic and public events spanning 56 areas of special interest, providing a multi-disciplinary forum for discussion and debate.

PROJECT BACKGROUND

Based in a heritage building in the West End of London, the Royal Society of Medicine is a campus of theatres, meeting rooms and specialist spaces.

The organisation wanted to make better use of its Seminar Suite by utilising an AV over IP system which would link to their other spaces. This would facilitate medical demonstrations, breakout spaces for conferences and remote monitoring for events taking place in theatres.

The Seminar Suite itself is a divisible space comprising three rooms in the basement of the building. Each room had legacy video inputs and a display screen, with the larger of the three spaces also featuring projection.

PROJECT BRIEF

CDEC's brief was to remove the legacy AV, which was only partly functional, and install a new flexible, network-based AV system which was easy for

KIT INSTALLED

- Crestron CP3 control processor and 7" touchscreens in every room
- Biamp TesiraLUX AV over IP system with transmitters under the floor and receivers behind each display
- Extreme Summit X440 range of switches
- Crestron AirMedia for Wireless Presentation
- Biamp TesiraForte and TCM-1A conferencing microphones



customers to use, with a simple and standardised interface. The solution also needed to integrate with the RSM's existing lighting solution and network.

CDEC integrated the solution with the customer's existing wired network and AVB system, and provided handover to the RSM's on-site technicians, as well as providing an operator's mode on the touch panels to facilitate fine grained control over each input and output.

A full system schematics and design documents were also supplied prior to project kick off, enabling the customer to verify the specified solution would work with their environment and was supportable.

This is the latest in a series of projects for the RSM; CDEC has worked successfully with the organisation over many years and has undertaken projects across their estate, including a tech/concept room, theatres and interactive screens.

PROJECT HIGHLIGHTS

The flexibility of the space is a definite highlight; the system is infinitely scalable by adding further AV over IP transmitters and receivers, so new spaces can easily be added with a plug-and-play approach as the RSM grows its estate. The entire solution is accessible and configurable over the network using Biamp's suite of software.

In addition, to maximise space in the rooms, there is minimal physical infrastructure installed. Cabling is stored in a number of Elektrak floor boxes with custom inserts for HDMI, VGA and Audio, while the core of the solution is stored in a credenza cupboard behind the

main display, taking up 7U of space. The LG screens are recessed into bespoke wood-panelled apertures

and can tilt to accommodate different configurations of seating.

PROJECT CHALLENGES

The heritage nature of space presented challenges for this installation as the original space was a bathroom conversion and cables were loose-laid throughout the venue. The wooden panels were also fixed in place and could not be removed, necessitating a creative approach to cable routes.

