



## Installation

### Equipment summary:

- 2 x Hitachi CPSX1350 LCD projectors
- 2 x Chief SL-EU Smart lifts
- 2 x Bretford 1.8m Matt white electric screens
- 3 x LG 42" Flat screen displays
- 12 x Armstrong PRO-Panel active speakers
- 4 x AKG 400 series radio microphones
- 1 x Crestron CP2E Control processor
- 3 x Crestron TPMC-8X WiFi colour touch panels
- 1 x Crestron QM-MD8x8 Quick Media matrix switcher
- 5 x Crestron QM-WMC Quick Media input plates
- 5 x Crestron QM-RX Quick Media receivers
- 3 x Crestron QM-AE Quick Media audio extractors

**Total: £57,000+**



Salford City Council approached Crestron UK in May 2007 for advice on finding a bespoke AV solution for their new committee rooms. The enquiry was passed on to Roche Audio Visual as the most appropriate provider for this type of solution.

The Company's Technical Director, Martin Clay, spoke with the client at length and attended various site meetings to discuss possible solutions. The main emphasis was to provide a high tech and flexible solution capable of supporting a wide variety of requirements and also giving that "wow factor" required by users of the high profile committee rooms. Three rooms (two of which can be opened up into one) were to have two Hitachi high resolution SXGA LCD projectors, three



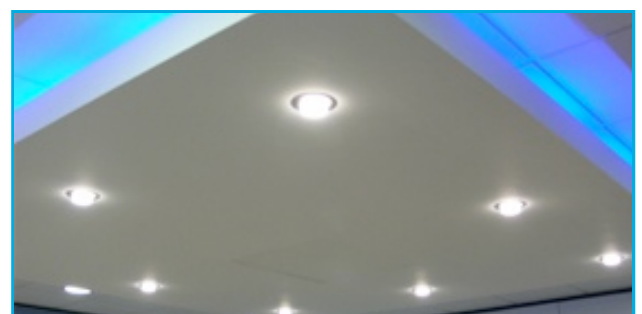
LG Flat Screen LCD displays, five multiformat input plates and an audio system. Due to the wide variety of uses and the fact that two of the rooms can be opened up into one, it became evident that a matrix system would need to be incorporated. Crestron's Quick Media product range was quickly identified as the ideal solution for this project. The use of Cat5 cables for all signal types together with the high level of control and versatility that this gives made it the perfect choice. Despite the higher cost involved with such a system, the flexibility it gives together with future expansion options make the initial expense worthwhile. A proposal was put forward in June 2007

which incorporated Chief motorised lifts for the projectors and Bretford recessed electric screens in the ceilings. The speaker system utilised Armstrong's range of flat panel speakers blending perfectly with the ceiling. The rooms were due to be fully refurbished with a modern design used throughout. Control of the clipsal lighting system was required from the Crestron system together with control of the motorised blinds. The main contractor involved with the project proved very helpful in the provision of cut outs for the ceiling lifts & electric screens.



As the client for the project was the IT department at the Council, the understanding of the technical requirements of the Crestron system proved invaluable. While the Cat5 infrastructure was being installed care was taken to ensure that all the cable requirements for the Crestron system were also incorporated. Network access and assigning of IP addresses etc were all made much easier thanks to their support

During late September 2007, final fitting of the main AV system was as always subject to strict deadlines. A number of contractors worked to make the rooms available for an important meeting by the end user the day after the project was to be handed over. The AV system came into operation without a hitch thanks to Crestron's reputation for outstanding reliability. The complexity of the system meant that the programming skills of our Technical Director were really put to the test. The end result however was an easy to use system with all the technology hidden behind a simple user interface.



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