

## Case study

# Salford University



## Creston helps University of Salford achieve 21st century AV integration

The University of Salford has recently updated the audio visual equipment in some of its teaching facilities following the award of a government grant of almost £1 million. Now fully incorporating the latest developments in audio visual technology - all installed by leading integrator Roche Audio Visual - the project also benefits from a range of Crestron technology throughout the theatre and associated teaching rooms, including Roomview®, the remote management software package for room booking and monitoring.

The award of the grant allowed the University to put out to tender the proposed improvements to the a-v installation and Roche Audio Visual secured the project. In partnership with the University's AV Management Team, Roche installed Crestron's cost-effective MP2E processor combined with TPS-3100L colour 6.4" TouchPanel to give a standardised user interface in the lecture theatres spread across ten different buildings.

According to Trevor Bryne, Head of AV services during the installation, this offers a number of benefits: "Our lecturers have varying degrees of familiarity with a-v technology, some are very comfortable with it, others need more hand-holding. The benefit of having a standardised interface across the campus is that any authorised person can get up and running immediately – the GUI is very intuitive and they can do that in any of our rooms. It has

saved me and my team many hours of problem solving. Alongside this, we are delighted with Roomview® it has transformed our planning and maintenance programmes."

The University had already been successfully using Crestron Roomview™ software to remotely manage their systems and provide diagnostic data which, in a large institution of this size proves invaluable. The new upgrade provides further scope for diagnostics, scheduling and equipment status monitoring which helps save time and labour by allowing the AV team to manage operations with minimum resources

Martin Clay, Technical Director of Roche Audio Visual, said: "We had to work fast on this installation. We had extremely tight timescales



as we had to everything in around holiday breaks to ensure that the system was up and running for staff and students during term times.”

Crestron's RoomView® is the only real-time, multi-user help desk software to offer complete facility-wide management and control of AV resources and environmental systems. Ideal for educational applications, RoomView provides an efficient point-and-click interface and a simple “at-a-glance” view of the entire control system network from any single PC on the LAN or WAN. RoomView also offers the choice of real-time executable client or Web-based user interfaces. The main screen area can be configured to show an overview of attributes for multiple rooms, a single room detail view or room scheduling. This is perfect for a school or university with a variety of AV equipment installed in different locations, such as an auditoria, lecture theatres, and seminar rooms.

The MP2E from Crestron combines an ethernet control system and audio/video switcher in a single box to provide a total room control solution. The MP2E can control all of a room's AV and environmental resources, including VCRs, DVD/CD players, projectors, screens,

lighting and more. This unique combination of high-performance at an affordable price ensures the MP2E is the ideal AV control solution for colleges and hotels as well as large offices and other corporate facilities.

### Kit list

■ **1 Crestron Dual AC power control module for projection screen**  
2x High power (240v AC, 5A) normally open relays for use with Cresnet systems.

■ **Control System**  
The control system will provide serial control of the LCD projector, switching system and mixer. Control of the DVD/VCR will be via IR. The system will be programmed to provide an easy intuitive control method of the system using a 6.4” touch panel with video preview window. Information regarding the system being fed back to “Room view” software for remote monitoring and control.

■ **1 Crestron MP2E**  
Central processing unit with 2 data ports, 4 IR ports, 4 I/O ports and 4-channel relay. The unit also has a 4x2 video matrix switcher, 7x1 audio switcher with volume control. Ethernet capabilities. Includes 1amp power supply. Recommend PW-2420RU power supply.

■ **1 Crestron TPS-3100L Colour 6.4” Video Touch Panel**  
6.4” Colour touch panel suitable for mounting into a lectern. Built in microphone and speakers.

■ **1 Crestron Infrared Emitter probe**  
With 2 pin connector.

■ **1 Power Supply for Crestron systems**  
24 volt, 2amp.



For further press information or high-resolution images please contact [anna@wildwoodpr.co.uk](mailto:anna@wildwoodpr.co.uk)



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