

Napp Pharmaceuticals

Audio Visual Case Study

Reflex delivers 'superb' result for Napp Pharmaceuticals



In 2008 Napp Pharmaceuticals undertook a joint venture to develop a new Headquarters campus of three linked buildings to bring all administration staff onto one site.

Napp placed great importance on finding a partner to deliver the technology requirements of the new campus, and Reflex was appointed as their chosen partner in late 2008.

AV Requirements

The bulk of the work was required in Unit 196, housing the new centre's main reception, plus personnel, facilities and finance. The second building, Unit 194 is used by associate companies to Napp and required a fully specified meeting room.

The client also required portable items of equipment for use across the units. The brief demanded full Computer Aided Design (CAD) drawings of the installation, system programming, project management and training for users at the completion of the work.

The Solution

Unit 196

Main reception area - A 52" NEC LCD screen is used in the reception area, capable of displaying any of the input sources within the area. Wall mounted, to minimise the impact on the room environment, this screen was chosen for its brightness, resolution and green credentials.

An Omnivex digital signage solution with Content Management and Data Management software allows a high degree of flexibility in the content shown. Four wall mounted and one ceiling mounted NEC 46" LCD screens display the content.

The Content Management software allows a mix of content across the five screens, managed from a central location. Because playback is from the local PC, streaming media congestion is avoided.



Meeting Rooms 1 to 4 - Rooms 1 and 4 have a 57" NEC LCD screen, wall mounted to minimise the impact on the room. One of the reasons for recommending the NEC brand was that these products are assessed by Electronic Product Environmental Assessment Tool (EPEAT) a system which looks at the effect of the product on the environment. This was important to Napp as they were keen to make green choices as well as minimise ongoing running costs.

Reflex connected up the equipment to the supplied table mounted controls which allow the projector to be powered on and off and the input source to be selected.

Rooms 2 and 3 have similar specifications but with two laptop inputs.

Meeting room 5 - An LT-280 ceiling mounted projector displays onto a 77" interactive whiteboard which is used for training and interactive meetings. The room has full audio delivered through four ceiling recessed speakers and a local stereo amplifier. The projector and the audio are controlled through the central control system.

Meeting rooms 6 and 7 - Ceiling mounted projectors in both room's project onto a 77" interactive whiteboard in room 6 and a standard fixed projection screen in room 7. There are two laptop inputs in each room, along with a matrix switcher to give flexibility in the combination of inputs and outputs. Four ceiling recessed speakers relay the audio and extensive microphone systems consisting of one lapel and one hand held microphone.

In all rooms, control of the system is via the central control system, with Crestron touch panels, which allow the source to be selected and the system to be powered up and down from any networked PC.

Unit 194

2nd floor meeting room - A ceiling mounted LT-280 projector displays onto a 77" interactive whiteboard. Two pop up Crestron modules, mounted in the meeting room tables, contain laptop connections, power sockets and data points. The whole system is remote controlled.

Other Equipment

Portable Equipment - In addition to the fixed installations, Reflex provided two portable lecterns with cable management that can be moved from room to room. A portable Polycom video conferencing system allows point-to-point calls to be made over Napp's IP from anywhere with a network connection.

Fixed Equipment - Reflex also supplied and installed 8 x 64" interactive whiteboards with integrated projectors.

Remote Equipment Management

Reflex installed Crestron RoomView™ a software package which gives centralised management and real-time monitoring of multiple control systems over Ethernet.

This allows Napp's IT staff to manage all of the audio visual devices, monitor the status of rooms throughout their units, perform system diagnostics, track the usage of projector lamps, log network activity, and automate tasks through event scheduling from any PC on the Local Area Network (LAN).

Installation

The installation was carried out in various stages. Reflex's team installed the cabling whilst the walls and floors were being built.

The team went back in after decorating and furnishing to install the hardware, and test and commission each room.

Reflex provided CAD drawings, plus full Operation and User manuals.

System programming took seven days and was carried out by a Reflex Crestron certified programmer.

Finally, two days training was carried out, including basic user training and advanced user training with basic fault finding. Reflex also trained a number of Napp employees to act as internal trainers on the systems.

The Results

According to Ben Peroni, Facilities Project Co-ordinator, the result was "absolutely superb."

He said "our new buildings offer a high level of quality throughout including the meeting rooms and the digital signage solution. As we redevelop our other buildings on the Science Park, we will hopefully use many of the same concepts as we have in these new buildings."

Since completing this project, Reflex has worked with Napp on a number of their projects.

