

PROJECT PROFILE



Derbyshire Police



Images from the control room screen.

Crime Prevention and Monitoring of Terrorist Threats

In 2010 Electrosonic installed a video wall and image processing system at the Derbyshire Constabulary's new purpose built control centre. Along with other police forces across the UK, Derbyshire's security cameras and surveillance control rooms are increasingly central to crime prevention and monitoring of terrorist threats.

The new control centre, located at Butterley Hall, Ripley in Derbyshire, rivals some of the best facilities in the country. It is here that multiple images sent from local authorities, site cameras and a helicopter link are received and reviewed on the video wall, enabling the police to monitor and respond to incidents effectively. The system gives incident commanders the capability to view all of the CCTV images of an incident on a single, highly flexible platform.

The display consists of a 5x2 array of Mitsubishi 50-inch rear projection cubes fed from an Extron Quantum Elite multi-image display processor with 24 CCTV and ten high resolution RGB sources. Electrosonic worked with Tyco Fire and Security, who supplied the CCTV control system for the control room project. Control

and placement of the sources are achieved using Tyco's Mosaic software that was integrated into the Commander control software supplied with the Quantum processor.

The image processor also feeds images to four smaller rooms in the new control centre, so that images that are on the main display wall can be shared for collaboration on larger operations.

The entire system was assembled and tested at Hawley Mill prior to installation on site. This procedure, which the client can witness, ensures that systems perform correctly to the agreed specifications. It also minimizes the on site installation time.

Electrosonic's service team is supporting the equipment to ensure the continuity of control room operations, with both regular preventative maintenance visits and the provision of a 24/7 on call service.