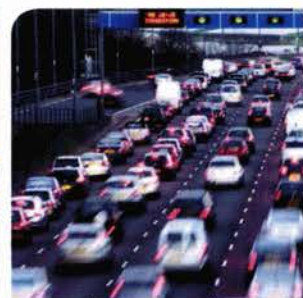


# ELECTROSONIC

Control Room Solutions



# Control Room Solutions

Electrosonic's control rooms team offers a complete and cost effective service from system design through to commissioning, maintenance and service. This complete solution model combined with our product agnostic approach ensures your control room operations will meet your individual requirements and challenges, 365 days a year.

From a few image sources to thousands, from a single display screen to hundreds, and whatever the source or display resolution, Electrosonic can engineer a solution to meet your project's goals.

Electrosonic's dedicated and security-cleared control rooms team serves a wide range of demanding applications and markets:



CONTROL ROOMS  
COMMAND AND CONTROL  
SURVEILLANCE  
SECURITY AND CCTV  
EMERGENCY SERVICES  
TRANSPORTATION  
MILITARY  
LOCAL GOVERNMENT  
IT DATA CENTRES  
OIL AND GAS  
UTILITIES

- » World Health Organisation
- » Highways Agency
- » Metropolitan Police
- » Manchester UTC
- » Network Rail
- » South Yorkshire Police
- » West Sussex County Council
- » Network Rail
- » Thales
- » Dorset Police
- » National Defence University
- » Austin Texas Emergency Management Center
- » Los Angeles County Traffic Management
- » Irish Garda
- » Las Vegas Water
- » Ascot Racecourse
- » Derbyshire Police
- » TAQA Emergency Response Centre
- » Lockheed Martin
- » Swedish Road Administration (Vägverket)
- » Kansas City Scout Operations
- » US Navy
- » South Wales Police
- » North American Aerospace Defense Command (NORAD)
- » Los Angeles International Airport (LAX)
- » Roads Service Northern Ireland
- » Sussex Police
- » Gauteng Disaster Management Centre
- » Transport for London
- » BP
- » Gatwick Airport
- » Leicestershire Police
- » BT



## Global Reach

- » 14 offices and over 400 employees worldwide
- » Highly qualified engineering department of over 80 people in the UK and 65 in the US
- » A Service Solutions business of over 160 dedicated staff in the UK and 35 in the US
- » 15 dedicated workshop and mobile service personnel in the UK providing fast and efficient repairs



# Why Electrosonic?

Established in 1964, Electrosonic has extensive experience designing, project managing and engineering audio-visual systems. Unmatched technical knowledge, a local presence for fast response and round-the-clock availability ensure that installations remain fully supported at all times.

Electrosonic has a companywide commitment to raising standards, leading the way in best practice and placing the customer at the centre of all business activity. Electrosonic is certified to ISO9001 Quality Management System. This system provides a framework for continuous improvement including establishing and reviewing quality objectives, ensuring we meet our customers' requirements each and every time.

## » **Manufacturer Agnostic**

We will only recommend products that are best suited for your application. This helps control your operation and maintenance costs of the new system.

## » **Manufacturer Partnerships**

Partnerships with leading manufacturers provide us with product access and expertise. Electrosonic's purchasing power allows us to secure the best prices for our clients.

## » **Wide Range of Service and Support Solutions Available Worldwide**

## » **A Fully Equipped Demonstration Suite and Systems Testing and Building Facilities**

A dedicated test and commissioning area, plus wood and metal work facilities enable Electrosonic to test new ideas and concepts, deliver complete functional systems, whilst continually improving quality and safety.

## » **Unmatched System Design Capability**

## » **High Profile Control Room Reference Sites**

## » **Financial Stability for Your Peace of Mind**



# Technology Expertise

The control rooms team has extensive technical and production backgrounds to ensure the most appropriate technology is specified for each individual project.

Electrosonic continuously researches and tests emerging technology to provide our clients with a reliable system that incorporates the latest innovations.

- » LCD and Rear Projection Display Walls
- » Multi-Viewers and Image Processors
- » Real-Time Video Over Networks
- » Audio and Video Recording
- » Interactive Display Systems
- » Software Integration
- » Signal Distribution
- » Control System Programming
- » Video Conferencing
- » Consoles and Furniture

## Network Display Technology

Working with Electrosonic's control rooms team means you can benefit from our unmatched experience and understanding of networked control room display technology and be assured of truly independent advice concerning all the technology options.

- » Infrastructure solutions to distribute information sources between sites, rooms, users and displays using IP networks
- » User interface and image processing solutions to aggregate information sources into a strategic display
- » Specialist products that support demanding mission critical requirements



“The Electrosonic video wall gives us the capability to view all of the CCTV images of an incident on a single, highly flexible platform. This is a huge step forward for incident commanders who previously would not have had this resource.”

Paul Hawkins  
Project Manager, Derbyshire Police

Derbyshire Police Control Room



# Design Service



A 3D Visualisation of a Recent Traffic Control Room Project

Electrosonic's control rooms design team considers the total working environment and works with our clients to establish operational hierarchy and communication regimes within the control room. The design team constantly researches and evaluates the latest products and technical innovations. These findings along with our many years of experience uniquely qualify us to specify appropriate solutions regardless of manufacturer.

Past design projects include West Sussex County Council, the Highways Agency and the Greater Manchester Police. The value of the systems designed ranges from £50k to £1 million.

Whether you are evaluating your next project, exploring technology applications, or developing functional designs for sophisticated systems, our design team can offer in-depth conceptual options that include the following elements:

- » Ergonomic Design
- » Task Analysis
- » Space Planning
- » Display Technology
- » Audio-Visual Design
- » Environmental Design
- » Aesthetic Design
- » Lighting Design
- » Console Layout



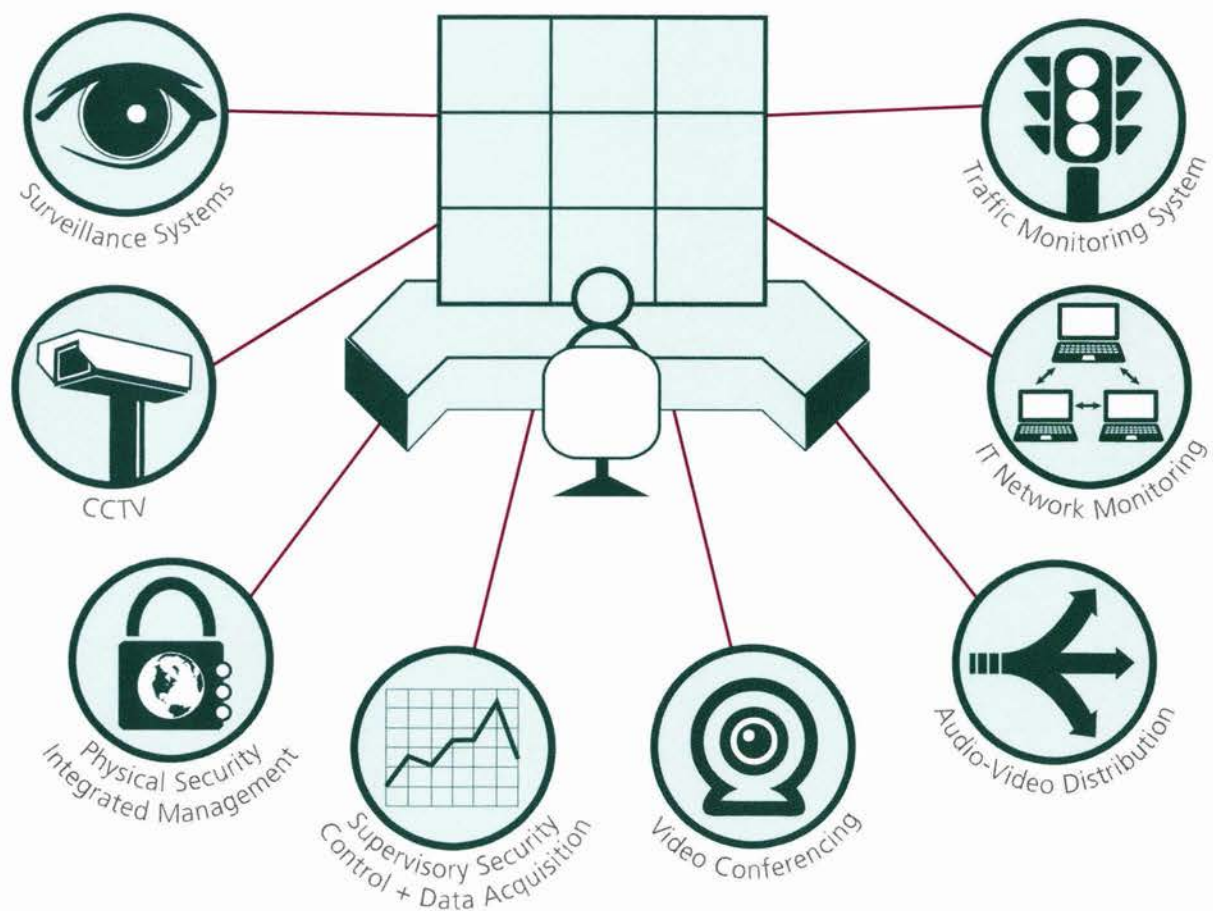
West Sussex County Council Traffic Control Room



# Systems Integration

Electrosonic has the engineering, programming and project management skills to deliver a complete control room solution. Accreditation to InfoComm International as a Diamond Level Solutions provider means fifty percent of Electrosonic staff have achieved and maintain a general or advanced CTS certification. In addition, certification to ISO9001 Quality Management System ensures standards are met and solutions are fully integrated into their 'home' environment.

- » A strong focus on project management ensures every stage of the project is considered and completed accurately, on time and in budget
- » High standards of rack wiring and labelling ensure that systems perform to expectation and are easy to maintain, maximising system up-time
- » A 13,000 square foot production space and wood and metal work facilities provide an area to test off-site builds and deliver a fully operational system





# Service & Maintenance

Electrosonic understands the critical nature of control rooms and the consequences if they underperform. Electrosonic's dedicated service team offers bespoke, high quality support, giving our clients a known cost of ownership and the peace of mind that their equipment investment is protected.

- » Help Desk and 24/7 Technical Support
- » Emergency Response
- » Two, Four, Eight Hour and Next-Day Response
- » Preventative Maintenance Visits
- » Loans, Replacement and Spare Parts
- » Bench Repair
- » Asset Management Software for Customer Equipment
- » On-Site Staff for Operational Support
- » Technical Guidance and Training
- » Projector Lamp Replacement Programme

## Supporting 'Real Time' Business

### Web Portal

Access to a dedicated web portal allows clients to track the status of any service task relevant to them.

### Call Logging System

Call logging systems (phone, email, website), ensure Service Level Agreement response times are met

### Use of PDA's

Service engineers and technicians are equipped with PDA's so they can receive instructions and report progress in real time

### Workshop and Mobile Service Personnel

19 dedicated workshop and mobile service personnel provide fast and efficient repairs

## Projector Lamp Replacement Programme

A broken lamp will result in the disruption of your day-to-day operations. Electrosonic's Lamp Replacement Programme makes certain that your projectors are always ready for operation and your regular lamp replacement process goes as smoothly as possible.

- » Competitive Pricing
- » Free Recycling
- » Environmentally Friendly
- » Volume Buying Discount
- » High Quality Original Equipment Manufacturer (OEM) Lamps
- » Guaranteed Price Plan
- » Payment Upon Receipt of Lamp
- » Complete Variety of Lamps for Most Video Walls and Projector Brands



## Diamond and Sapphire Lamps

Diamond and Sapphire lamps are the lower price OEM alternatives that match the original manufacturer's quality standards.

- » Perform Identically to the OEM Lamps
- » Warranty Equals or Surpasses the Industry Standard
- » Lower Prices
- » High Availability
- » High Quality

Diamond  
Lamps

SAPPHIRE  
LAMPS



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