

Project Brief

Thurrock Council



Essex Council Reduces Crime With IndigoVision



End User

Thurrock Council

Country

UK

Vertical Market

Cities and Residential

Partner

ClearView Communications

Technology Features

Activity Controlled Framerate
Advanced motion search
Scalable architecture

Background

Thurrock Council in Essex, UK, has upgraded its ageing CCTV network with state-of-the-art IndigoVision IP technology that has drastically reduced the amount of time council staff and local police spend reviewing footage. As a result a number of crimes, from theft to anti-social behaviour, have been detected and arrests made.

Solution

The old system had 220 cameras in 28 locations, linked to local recorders with fixed storage capacity. As the cameras were motion activated, memory was quickly full in busy locations and important footage often overwritten. IndigoVision's authorised partner ClearView Communications was managing the existing solution and understood the challenges and the limited budget available.

The original analogue cameras have been retained and linked to a new central back-up system with over 30 terabytes of memory. Live and recorded images are viewed over a wireless LAN network, on new plasma screens in the council's control room. Five re-deployable cameras have also been added and can be sited anywhere they are needed. Footage is transmitted to the control room using 3G mobile networks. The IndigoVision system offers better resolution and framerate, and the storage required is significantly reduced because of IndigoVision's advanced compression technology and the use of its unique Activity Controlled Framerate (ACF) feature. ACF controls the framerate of the video stream based on the amount of motion in the scene.

Benefits

- Motion search capabilities allow police to quickly locate incidents
- New back-up system with enough memory for 30 days' storage
- Activity Controlled Framerate and advanced compression technology reduce storage needs
- Re-deployable cameras transmit via 3G networks
- Cameras can easily be added and moved to enable future expansion



IndigoVision's advanced motion search capabilities allow police to quickly pinpoint time and images on recorded footage, reducing the time it takes to identify incidents.

Due to IndigoVision's scalable architecture, more cameras can easily be added and the system expanded when needed in the future, with no system downtime required.