

*Clearly in control*

# Central Scotland Police

FORWARD-THINKING IN ITS USE OF COMMUNICATION TECHNOLOGY

*systems*

*Central Scotland Police has always been forward-thinking in its use of information and communication technology to help protect the public.*

*Through the "Safer Central" policing philosophy, which underpins the way in which Central Scotland Police currently operates, the force has been focused on improving efficiency to deliver more effective frontline service to communities in Central Scotland.*



*"Harp Visual were part of the success story."*

*Commander Malcolm Strachan  
Central Scotland Police*

*secure*

# CASE STUDY



## Challenge

Central Scotland police had acquired new premises where they wished to merge all of the CCTV streams from Grangemouth, Falkirk, Alloa and Stirling into a central surveillance hub. The system was to be based on two central operators with back up staff to complement them in terms of incidents and recording footage for evidence. As part of their operational need they identified a requirement for a multi-screen display to show the feeds from online, live, operational cameras and for the intelligent/automated control of the system. Above all the system had to be reliable and easy to service.

They were looking for a system that delivered the highest quality of image presented in the best format to maximise operator's awareness and efficiency. The system was to be packaged in a futuristic housing that would complement the design and fixtures of the control room.

## Strategy

The key to delivering the correct solution was in the selection of the screens. This was done with two considerations, the first was the quality of the image and the second was reliability. The screens to be selected must deliver excellent representation of image with good visibility from different angles.

Harp recommended the AFLCD. This offers fast pixel transition rates of less than five which ensures that moving images do not smear. Also AFLCD do not suffer from permanent image retention if images are left on continuously for long periods of time. Their screens also benefit from being slim, highly reliable and having a low power consumption.

## Solution

The screen layout was organised so that it gave best benefit to the operator in terms of image visibility by being in the right position and maximising the benefits of the flat panel display.

Careful consideration was given to the heat flow and climatic control of the system. If it was not handled correctly it could severely limit the longevity of the system. Cable management, access control and power distribution were factors in making the system reliable and easy to maintain.

The framework was manufactured from steel but clad in aluminium so that maintenance could easily be performed by one person.



## Result

An elegant very usable system that delivered quantity and quality of image. This system is now becoming a very watchable solution for the securities and monitoring industry. The slimness and compactness make it a very easy installation where control rooms need to expand in a relatively small area.



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