

ADT Proposals for Copeland CCTV System

PROPOSED SYSTEM OBJECTIVES

The proposed systems will provide the following:

- All new colour/monochrome dome cameras and bracketry.
- Re-location/addition/omission of cameras to provide a cost effective solution.
- The cameras will utilise wire-free Ethernet transmission equipment replacing existing hard wiring which will permit expansion of the systems without the need for extensive wiring.
- Digital recording of all cameras with CD Writing facilities for copying recorded images for evidential purposes.
- The hard disk recorders do not require daily tape changing or tape storage facilities.
- Flat screen monitors will replace existing CRT monitors providing a space saving.
- A new Maxpro cctv management system will be installed at each site to provide full system control locally and off site.
- Replace the existing off site monitoring equipment and provide remote monitoring at Whitehaven Police Station and Allerdale Borough Council Control Room via ADSL fixed IP Broadband connection.
- Compliance with the data protection act, eg, privacy zones, signage, log books etc.

PROPOSED SYSTEMS OPERATIONAL OVERVIEW

Control & Monitoring of the CCTV Cameras at Millom, Egremont, Cleator Moor & Whitehaven will be provided at Allerdale Council Security Control Room including remote access to any digital recorders connected to the system via a PC Review suite.

The Whitehaven Police Station CCTV Control & Monitoring equipment will have the same remote town CCTV access facilities as Allerdale Council CCTV Control room.

Control & Monitoring Facilities from Whitehaven or Allerdale control rooms will include the following:

Whitehaven Control:

Access to any camera connected to the system including full telemetry control. Access to any digital recorder connected to the system for review of recorded images via the new review suite PC.

Viewing of a single camera or quad screen image via the 19" LCD flat screen monitor provided at Whitehaven for each of the remote town centres x3.

Viewing of any single Whitehaven camera image via the 19" LCD flat screen monitor provided for Whitehaven town centre.

Allerdale Control:

Access to any camera connected to the system including full telemetry control. Access to any digital recorder connected to the system for review of recorded images via the existing review suite PC.

Viewing of a single camera or quad screen image from the three remote towns via the existing flat screen monitors

Viewing of any single Whitehaven camera image via the existing flat screen monitors.

The system is capable of providing Priority Control of camera telemetry from either Whitehaven or Allerdale control rooms.

PROPOSED SYSTEMS OVERVIEW BY TOWN

MILLOM

The new system will incorporate three new Ultrak KD6 pan tilt & zoom colour/monochrome cameras at the existing locations with a fourth new camera column mounted at a height of 6 metres as indicated on the drawing.

The cameras incorporate colour to monochrome switching to cope with low light conditions.

The cameras will be connected via wire-free technology back to the police station with minimal new cabling requirements.

The cameras will be recorded on to the hard disk of a Dedicated Micro DS2 6 channel Digital recorder with integral CD Writer providing two spare channels for future expansion if required.

The cameras will be controlled via a Maxpro CCTV management system and joystick telemetry keyboard.

The cameras will be displayed on a 19" LCD Flat panel colour monitor in multi-camera or single camera format.

A 21U 19" equipment rack will be installed to house all the new equipment excluding the keyboard and monitor.

Off site control and monitoring at Whitehaven Police Station and Allerdale Borough Council Control room will be via a single British Telecom ADSL fixed IP address Broadband connection providing remote access to the following facilities:

- Control and viewing of any single camera.
- Viewing of cameras in quad screen format.
- Access to Digital recorder hard disk storage for reviewing recorded images.

EGREMONT

The new system will incorporate two new Pelco pan tilt & zoom colour/monochrome cameras at the existing locations with a third new camera wall column mounted at a height of approximately 6 metres as indicated on the drawing.

The cameras incorporate colour to monochrome switching to cope with low light conditions.

The cameras will be connected via wire-free technology back to the police station with minimal new cabling requirements.

The cameras will be recorded on to the hard disk of a Dedicated Micro DS2 6 channel Digital recorder with integral CD Writer providing three spare channels for future expansion if required.

The cameras will be controlled via a Maxpro CCTV management system and joystick telemetry keyboard.

The cameras will be displayed on a 19" LCD Flat panel colour monitor in multi-camera or single camera format.

A 21U 19" equipment rack will be installed to house all the new equipment excluding the keyboard and monitor.

Off site control and monitoring at Whitehaven Police Station and Allerdale Council Control room will be via a single British Telecom ADSL fixed IP address Broadband connection providing remote access to the following facilities:

- Control and viewing of any single camera.
- Viewing of cameras in quad screen format.
- Access to Digital recorder hard disk storage for reviewing recorded images.

CLEATOR MOOR/FRIZINGTON

The new system will incorporate three new Ultrak KD6 pan tilt & zoom colour/monochrome cameras at the existing locations with a fourth new camera column mounted at a height of 6 metres at Frizington as indicated on the drawing.

The cameras incorporate colour to monochrome switching to cope with low light conditions.

The cameras will be connected via wire-free technology back to the police station with minimal new cabling requirements.

The camera from Frizington will be connected to Cleator Moor Police Station via a British Telecom fixed JP address broadband connection for incorporation into the new Police station system.

The cameras will be recorded on to the hard disk of a Dedicated Micro DS2 6 channel Digital recorder with integral CD Writer providing two spare channels for future expansion if required.

The cameras will be controlled via a Maxpro CCTV management system and joystick telemetry keyboard.

The cameras will be displayed on a 19" LCD Flat panel colour monitor in multi-camera or single camera format.

A 21 U 19" equipment rack will be installed to house all the new equipment excluding the keyboard and monitor.

Off site control and monitoring at Whitehaven Police Station and Allerdale Council Control room will be via a single British Telecom ADSL fixed IP address Broadband connection providing remote access to the following facilities:

- Control and viewing of any single camera.
- Viewing of cameras in quad screen format.
- Access to Digital recorder hard disk storage for reviewing recorded images.

WHITEHAVEN

The new system will incorporate nine new Ultrak KD6 pan tilt & zoom colour/monochrome cameras, six at existing positions and three at new locations as indicated on the drawing.

It is proposed to replace camera number three in the same location as re-locating the camera across the road will restrict the viewing area.

Camera location number four will be re-located to a position as indicated on the drawing to provide a cost effective, larger and clearer viewing area and dispense with the requirement of camera location number ten.

The camera will be attached to an existing lamp post on a purpose made bracket.

The cameras incorporate colour to monochrome switching to cope with low light conditions.

The cameras will be connected via wire-free technology back to the police station with minimal new cabling requirements.

The cameras will be recorded on to the hard disk of a Dedicated Micro DS2 16 channel Digital recorder with integral CD Writer providing five spare channels for future expansion if required.

The cameras will be controlled via a Maxpro CCTV management system and joystick telemetry keyboard.

The cameras will be displayed on a 19" LCD Flat panel colour monitor in multicamera or single camera format.

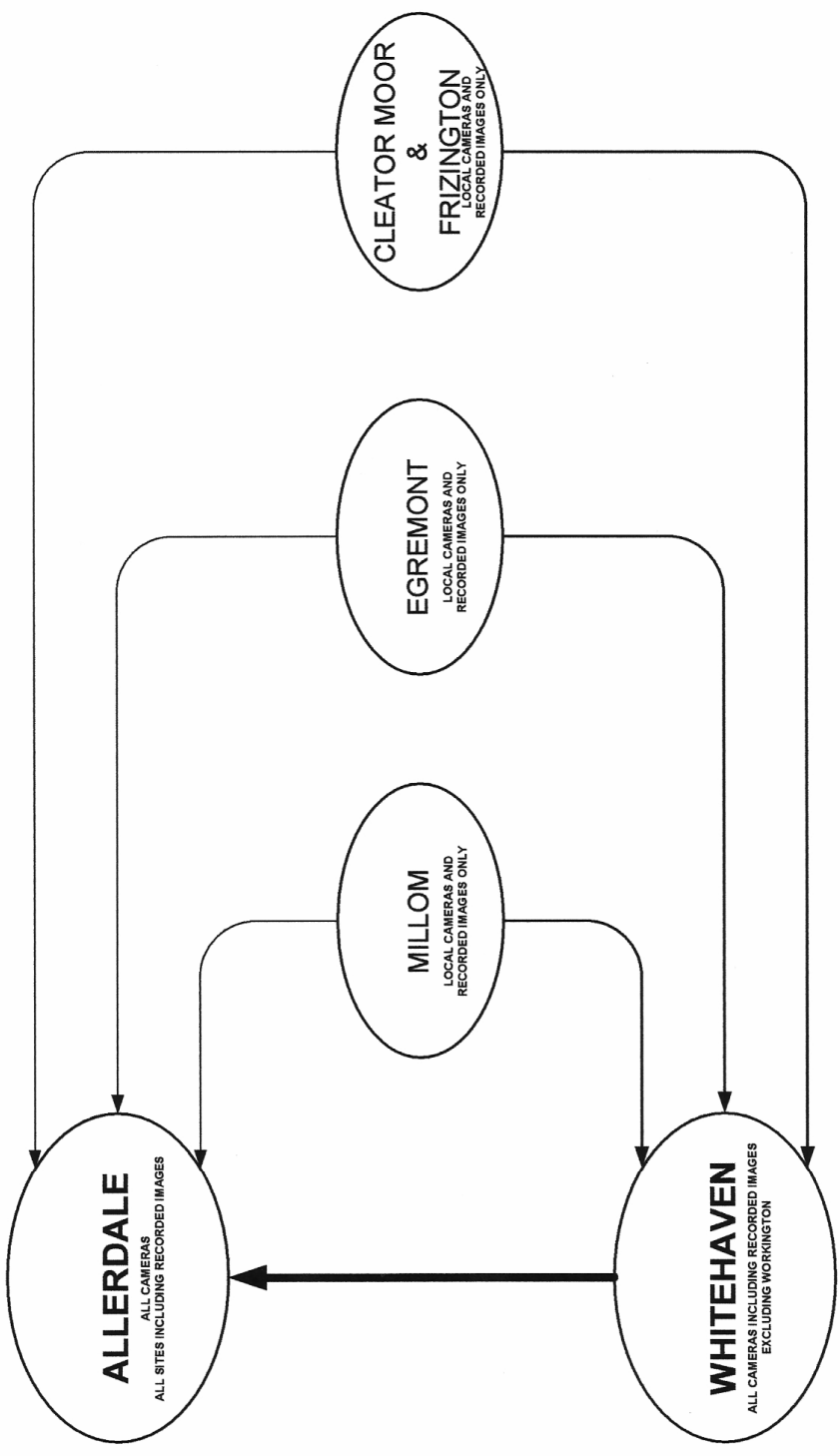
Three additional 19" LCD Flat panel colour monitor will be installed to provide viewing of the three remote town sites.

Three British Telecom ADSL fixed IP address Broadband connections will be installed to provide access to the three remote town camera systems.

A 42U 19" equipment rack will be installed to house all the new equipment excluding the keyboard and monitors.

Off site control and monitoring at Allerdale Borough Council Control room will be via four British Telecom ADSL fixed IP address Broadband connections providing remote access to the following facilities:

- Control and viewing of up to four cameras from the Whitehaven system .
- Access to Digital recorder hard disk storage for reviewing recorded images.



SYSTEM CONTROL & VIEWING FLOW CHART