

Public Space CCTV

Report by Ricky Moffat, Head of Commercial Operations

1 Purpose of Report

At its meeting of 11 August 2015 Council considered the following motion;

“In light of recent serious crime in the area, Council requests that officers bring forward a report to the next Full Council meeting, outlining whether and how the installation of CCTV camera(s) could improve safety, crime prevention and crime detection in the Lauder Road area”.

This report provides the Council with details of the necessary equipment upgrades which would ensure the future sustainability of the Council’s existing CCTV systems and also outlines options going forward for Lauder Road.

2 Existing Position

- 2.1 There are at present a total of 293 CCTV cameras operating across the Midlothian Council area as follows;

Table 1: Council CCTV Systems

Facility	Cameras
Council Buildings	14
Covert	5
Leisure Centres	37
Libraries	46
Public Space	64
Schools	122
Overt	5
Total	293

The majority of the camera images are recorded locally at a remote facility e.g. the adjoining premises. Of the 64 public space cameras, 62 have images streamed back to Midlothian House, Dalkeith. The location of each Public Space CCTV camera is included as an Appendix to this report.

- 2.2 Following a recent incident in Lauder Road, Dalkeith a number of measures were identified which could be undertaken to improve the safety and security of the general public walking in this area.
- 2.3 A number of these improvements have already been carried out and these include the removal of overhanging vegetation, removal of redundant gates, fencing repairs and repairs to damaged street lights.

The installation of additional fencing is also currently being programmed.

- 2.4 Before considering the installation of additional CCTV cameras at Lauder Road (or indeed any other location within Midlothian) it is necessary for Council to assess the condition and maintenance requirements of this existing CCTV equipment to ensure that this equipment is fit for purpose for the foreseeable future.

3 CCTV Maintenance

- 3.1 The Council's external public space CCTV cameras were part of a replacement programme and the cameras were replaced in the period 2006-2009. It was determined at that time the Council would continue to replace cameras as and when they fail as part of the maintenance contract. Typically CCTV cameras have on average a life of ten years.

The existing budget for CCTV camera maintenance amounts to £26,000 per annum, £8,000 of this budget relates to an annual maintenance contract and the remainder covers replacement cameras and parts. In addition, there are two software systems with an annual maintenance budgetary provision of £9,000.

The VMS Ltd system is outdated and repairs are becoming increasingly difficult to undertake due to the age and unavailability of equipment and parts. Consequently there have been problems experienced when it is necessary to review specified CCTV footage which typically follows incidents within the Town Centres and public areas in Midlothian.

Accordingly this report outlines the necessary upgrades for consideration by the Council to the existing equipment to ensure it remains in a functional condition.

The following table details the equipment upgrades necessary to ensure that the camera images are received and recorded consistently and the images produced are of a quality that can be used effectively.

In addition, it is considered that better use could be made of the existing monitoring facility on the ground floor of Midlothian House by relocating the monitoring screens to a suitable location on the second floor within the building. This is consistent with the Effective Working in Midlothian (EWiM) principles which optimises the use of space. These costs are included in the table below.

Table 2: Control Room Relocation

Item	Total Cost
HD Video Appliances	£41,880
Ancillary Equipment	£7,603
Installation and Commissioning	£4,000
Total Cost	£53,483

- 3.2 Currently the majority of the existing Council Public Space cameras are linked by fibre cable which is both in good condition and provides quality images.

However within Dalkeith town centre the cabling is co-axial and due to its age and condition requires to be upgraded to a compatible standard. The costs of this necessary upgrade are listed in the table below.

Table 3: Cabling Upgrade

Item	Total Cost
Single mode 4 core Fibre	£21,950
New boxes, Conduit and accessories	£3,000
Installation of Fibre and Equipment	£12,320
Installation of Cameras	£1,400
Fully Commission and Training	£720
Total Cost	£39,390

Note - The above installation costs are subject to all ducts being clear and there being no blockages.

The following table summarises the financial position with regard to the upgrading of existing Council CCTV systems and infrastructure.

Table 4: Upgrade Summary Financial Position

	2015/16	2016/17	2017/18
Capital Costs			
Equipment and Commissioning (Table 2)	£53,483		
Fibre Optic Upgrade (Table 3)	£39,390		
Total Capital Costs	£92,873		
Revenue Costs			
Existing Operating Costs	£36,591	£36,591	£36,591
Loan Charges	£1,540	£20,590	£20,680
Software Maintenance Savings	£0	(£9,064)	(£9,064)
Energy Savings	£0	(£1,527)	(£1,527)
Revised Revenue Costs	£38,131	£46,590	£46,680
Additional Revenue Budget Required	£1,540	£9,999	£10,089

4 The Role of CCTV in Improving Safety, Crime Prevention/Detection

4.1 The following is an excerpt from “The Findings of Public Space CCTV Review”:-

“CCTV has developed as a Community Safety tool to offer far more than simply the prevention and detection of crime. It provides public reassurance, protects the most vulnerable members of the community and “keeps people safe”.

This review goes on further to state that;

“It is clear that there is strong public support for Public Space CCTV with 81% of the public agreeing that there is the right amount/ too few cameras monitoring public areas. 89% disagreed with the removal of Public Space CCTV to meet budget cuts and 76% disagree that monitoring should be restricted to meet budget cuts”.

CCTV contributes towards Local Authorities meeting National outcomes in particular outcomes 9, 11 and 15, ensuring that members of the community live their lives free from crime, disorder and danger.

It also supports Local objectives tackling antisocial behaviour, violence and drug/alcohol related incidents. It is a critical tool in Scotland's infrastructure used to respond to counter terrorism threats.

Outcome 9	We live our lives safe from crime disorder and danger
Outcome 11	We have strong resilient and supportive communities where people take responsibility for their own actions and how they affect others.
Outcome 15	Our public services are high quality, continually improving efficient and responsive to local people's needs.

4.2 Antisocial Behaviour

Further background information based on analysis of crime data and intelligence from the Community Safety Strategic Assessment context for crime prevention and detection;

- *Antisocial behaviour takes many forms, from vandalism and fire-raising to youth disorder and neighbour disputes. Complaints of youth disorder and offences of vandalism in Midlothian have increased over the last year. However complaints about antisocial noise have fallen.*
- *Antisocial behaviour remains a public priority – in the most recent Citizen Panel Survey (Winter 2014) 74% of respondents rated 'reducing antisocial behaviour' as a high priority issue for Midlothian.*
- *Crimes of vandalism increased by 12.2% in the last 12 months, contrary to declining crime rates over the previous five years.*
- *In the last 12 months there were on average 32 calls made each week to police regarding youth antisocial behaviour in Midlothian. Complaints of youth antisocial behaviour have increased in the last year (+16%, 226 calls), after five consecutive years of declining call numbers.*

One option open to the Council is to retain the status quo and ensure that the CCTV systems remain in a workable condition and operate any expansion to the system.

This is set out against a backdrop where Anti Social behaviour is declining based on the above assessment.

4.3 Public Safety Reassurance

As outlined in this report CCTV can have a positive impact on providing reassurance and a feeling of being safe within local communities.

However, other measures also have a positive impact and comments from the community around the Lauder Road area suggest that the other measures e.g. clearing of vegetation, allowing for improved lighting and removal of unnecessary gates/fencing have also made a difference to community safety.

5 Options

5.1 Lauder Road Area

The following section details the options for Lauder Road and also sets out the future monitoring options for consideration noting incidents can occur elsewhere across Midlothian.

Accordingly it is important to consider each location on its own merits rather than adopting a universal solution e.g. CCTV only.

In some instances the provision of improved lighting may be the appropriate solution in some locations.

Information provided by Police Scotland indicates that in the past twelve months there have been 29 crimes of violence, dishonesty, vandalism and antisocial behaviour committed on Lauder Road. In comparison to other areas of Midlothian with similar characteristics this is considered to be well above the average.

An issue in Lauder Road is stone throwing at buses by local youths and instances of vandalism being committed where stones have been thrown at dwelling houses causing damage to windows.

The Council's Antisocial Behavior Liaison Officer regularly receives requests from officers to review CCTV images of the Lauder Road area. These requests are often due to a suspect having left Dalkeith town centre thereafter walking in the direction of Woodburn/ Easthouses/Mayfield. Lauder Road is one of two routes from Woodburn to the Dalkeith town centre and is the preferred route to walk from Dalkeith to Easthouses/Mayfield area.

The Antisocial Behavior Liaison Officer has also requested for mobile unit cameras to be considered. Mobile systems can be deployed as and when required with minimal cost. Mobile CCTV can also be deployed to deal with issues both in the short and long term. Further, mobile systems can be utilised to temporarily replace fixed location cameras should they develop faults and become inoperable.

5.2 Permanent CCTV

There are two options for Council to consider with regards to additional CCTV equipment. The first option is the installation of two permanent CCTV cameras which would allow images streamed back to Midlothian House. This installation would take advantage of the existing street lighting ducts along Lauder Road and be connected to the current system with images being linked via the Councils network to Midlothian House. The cost of this installation is estimated at £50,000.

5.3 Mobile CCTV Units

The second option is the purchase of a mobile CCTV unit. This unit could be sited at Lauder Road, or any other site where there is a particular issue for an agreed period to address local concerns. Whilst the images would not be streamed back to Midlothian House they would act as a deterrent and would allow for the recording and enable follow up on any incidents. The estimated cost of a mobile unit with two cameras is £20,000.

6 CCTV Monitoring

- 6.1 Primarily based on the financial costs following the transfer of Midcon to East Lothian Council a decision was taken to cease regular monitoring of the CCTV system. Currently monitoring is undertaken on a reactive basis and it may be prudent to consider the re-introduction of monitoring of CCTV during the periods when incidents are most likely to occur. There also remains the option of monitoring images at other times depending on key issues and events occurring across the Council area.

The following table provides details when monitoring would give the greatest benefit.

Day	From	To	Daily Hours
Friday/Saturday	2100 hours	0300 hours	6 hours
Saturday/Sunday	2100 hours	0300 hours	6 hours
Sunday/Monday	2100 hours	0100 hours	4 hours
Total			16 hours

As indicated previously the main reason that CCTV monitoring ceased was the cost of carrying out this function. The typical annual cost of providing monitoring based on the hours set out above would be approximately £20,000 per annum.

In recent discussions with Police Scotland colleagues it was intimated that in regards to the monitoring of CCTV they would advise that to maximise the benefits direct monitoring is necessary. This approach allows for the best capture of evidence and enables the Police to deploy resources in real time. Direct monitoring of CCTV by the Council has cost implications.

7 Report Implications

7.1 Resource

7.1.1 CCTV system Upgrade

The financial implications associated with the upgrades to the existing CCTV system are summarised as follows.

Table 6: Financial Summary of Upgrade Works

Capital Costs	2015/16	2016/17	2017/18
Equipment upgrades	£92,873	£0	£0
Revenue Costs			
Equipment/system (from Table 4)	£1,540	£9,999	£10,089

7.1.2 Additional CCTV Cameras

The cost of installing additional CCTV equipment for Lauder Road is dependent on the option to be progressed by the Council as outlined in Section 5.0.

The cost for each option are summarised as follows.

Table 7: Additional CCTV Cameras

Capital Costs	2015/16	2016/17	2017/18
Install two CCTV cameras (option 1)	£50,000	£	£
Mobile CCTV unit (option 2) two cameras	£20,000	£	£
Revenue Costs			
Install two CCTV cameras (option 1)	£830	£10,990	£11,050
Two mobile CCTV Units (option 2)	£330	£4,400	£4,420

7.1.3 Monitoring

Should the Council take a decision to re-introduce monitoring of the CCTV system the annual revenue cost of this option to employ staff specifically for this purpose would be approximately £20,000 per annum.

Table 8: Monitoring Costs

Revenue Costs	2015/16	2016/17	2017/18
Direct Monitoring Staff Costs	£5,000	£20,000	£20,000

Note: Based on January 2016 commencement for 2015/16 costings.

7.2 Risk

There is a risk to the Council that should no action be taken to repair and upgrade the existing public space CCTV system it will become in future impossible to source the required parts and equipment to effect essential repairs resulting in the system being unable to operate satisfactorily.

As a consequence there is a potential for reputational damage to the Council if the system was either ineffective or not working to an acceptable standard.

Furthermore the live monitoring of CCTV systems remains a consideration for the Council.

It is considered that the Council may be failing in its duty of care should it decide not to take positive action in relation to the number of incidents occurring in Lauder Road.

7.3 Single Midlothian Plan and Business Transformation

Themes addressed in this report:

- Community safety
- Adult health, care and housing
- Getting it right for every Midlothian child
- Improving opportunities in Midlothian
- Sustainable growth

- Business transformation and Best Value
- None of the above

7.4 Key Priorities within the Single Midlothian Plan

The presence and operation of CCTV systems provides a degree of comfort to residents, visitors and shoppers to the main towns and therefore encourages use of facilities within town centres thus supporting economic growth.

7.5 Impact on Performance and Outcomes

The presence of CCTV provides a degree of comfort in terms of safety and security for all people who live, work and visit Midlothian. Failure to maintain the Council's CCTV systems adequately could see these positive aspects diminish.

7.6 Adopting a Preventative Approach

Completing repairs and investment as outlined in this report will ensure the CCTV system continues to operate. It is difficult to measure the actual crime or incidences of anti social behaviour that are thwarted by the presence of CCTV. However it is clear from the information provided that a degree of comfort is provided to communities and businesses where CCTV systems exist.

7.7 Involving Communities and Other Stakeholders

No formal consultation has been carried out in regards to this report. However, Police Scotland have been consulted and provided information which supports the justification for the installation of additional CCTV for Lauder Road.

7.8 Ensuring Equalities

This report is not proposing any new policies therefore there are no equality issues arising from this report.

7.9 Supporting Sustainable Development

This report is not proposing any new policies therefore there are no sustainable development issues as a result of this report.

7.10 IT Issues

There are IT issues in relation to this report in terms of connections to the Council's IT systems and these can be accommodated within existing work priorities.

8 Summary

This report outlines the current issues with the Council's public space CCTV systems and the likely failure arising from the difficulty in sourcing parts for the ageing systems.

Capital investment as outlined in Section 3.2 will allow the Council CCTV systems to be maintained and upgraded and to operate for the foreseeable future.

There is clearly a role for CCTV in crime detection and prevention. The information provided by Police Scotland would tend to support the introduction of CCTV on Lauder Road either permanently or via the deployment of mobile CCTV cameras.

The most effective use of CCTV occurs when monitoring of the system takes place and a more proactive approach can be taken. The proposal outlined in section 7.1.3 of this report is for consideration by Council with regards to the future monitoring of CCTV systems.

9 Recommendations

Council is recommended to:-

1. Approve the proposed upgrade to the public space CCTV system as detailed in section 3.2.
2. Agree to purchase mobile units initially to be deployed on the Lauder Road area.
3. Consider the arrangements for the dedicated monitoring of CCTV as set out in section 7.
4. Agree to amend the Council's Capital Plan to reflect the equipment upgrade and acquisition of mobile CCTV.
5. Approve the necessary supplementary estimate in 2015/16 to fund the loan charges and any staffing costs and amend the 2016/17 onwards budget accordingly.

10 September 2015

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Background Papers:

RESOURCES DIRECTORATE

CCTV LOCATIONS

Unit No.	Location	Street	Area	Column Installed
CTV01	ON MIDLOTHIAN HOUSE	BUCCLEUCH STREET	DALKEITH	01/04/2006
CTV02	ON HARROW HOTEL	OLD EDINBURGH ROAD	DALKEITH	01/04/2006
CTV03	AT POST OFFICE C/PAK	RAMSEY CROFT	DALKEITH	01/04/2006
CTV04	NEAR INDOOR B'CLUB	RAMSEY CROFT	DALKEITH	01/04/2006
CTV05	AT CHURCH	MANCHESTER BUILDINGS	DALKEITH	01/04/2006
CTV06	REAR OF W.H.SMITHS	MANCHESTER BUILDINGS	DALKEITH	01/04/2006
CTV07	ON BANK OF SCOTLAND	HIGH STREET	DALKEITH	01/04/2006
CTV08	OPP EDINBURGH ROAD	HIGH STREET	DALKEITH	01/04/2006
CTV09	AT DUKE STREET	HIGH STREET	DALKEITH	01/04/2006
CTV10	OPP PEPPERMINT PARK	LOTHIAN STREET	DALKEITH	01/04/2006
CTV11	OPP ELMFIELD PARK	NEWMILLS ROAD	DALKEITH	01/04/2006
CTV12	REAR OF WOOLWORTHS	ESKDAILL STREET	DALKEITH	01/04/2006
CTV18	COMMUNITY CENTRE	WOODBURN ROAD	DALKEITH	06/03/2008
CTV20	ABOVE THE WAREHOUSE	HIGH STREET	PENICUIK	01/04/2006
CTV21	ON ROYAL HOTEL	HIGH STREET	PENICUIK	01/04/2006
CTV22	SCOTMID FUNERAL SERV	JOHN STREET	PENICUIK	01/04/2006
CTV23	NEAR THE ROYAL BANK	JOHN STREET	PENICUIK	01/04/2006
CTV24	AT BUS TERMINAL	ST KENTIGERN WAY	PENICUIK	01/04/2006
CTV25	AT PUBIC TOILETS	BANK STREET	PENICUIK	01/04/2006
CTV26	CARNETHIE INN,OPP AV	JOHN STREET	PENICUIK	01/04/2006
CTV27	AT EASTFIELD DRIVE	EDINBURGH ROAD	PENICUIK	01/04/2006
CTV30	OPP PARK RD	HIGH STREET	BONNYRIGG	01/04/2006
CTV31	ABOVE BANK	HIGH STREET	BONNYRIGG	01/04/2006
CTV32	THE CHASE	POLTON STREET	BONNYRIGG	01/04/2006
CTV33	R/O LIBRARY	DOBBIES ROAD CAR PARK	BONNYRIGG	01/04/2006
CTV34	TOILETS CAR PARK	CAMPVIEW ROAD	BONNYRIGG	01/04/2006
CTV35	TRAFFIC LIGHTS	HIGH STREET	BONNYRIGG	01/04/2006
CTV36	PUBLIC PARK	KING GEORGES FIELDS	BONNYRIGG	01/04/2006
CTV37	SWIMMING POOL	KING GEORGES FIELDS	BONNYRIGG	01/04/2006
CTV40	DANDERHALL	NEWTON CHURCH ROAD	DANDERHALL	01/04/2006
CTV41	DANDERHALL	LEISURE CENTRE	DANDERHALL	01/04/2006
CTV42	DANDERHALL	MEDICAL CENTRE	DANDERHALL	01/04/2006
CTV43	DANDERHALL	EDMONSTONE ROAD	DANDERHALL	01/04/2006
CTV50	LOANHEAD	FOUNTAIN GREEN	LOANHEAD	01/04/2006
CTV51	LOANHEAD	STATION ROAD	LOANHEAD	01/04/2006
CTV52	LOANHEAD	CLERK STREET	LOANHEAD	01/04/2006
CTV53	LOANHEAD	GEORGE DRIVE	LOANHEAD	01/04/2006
CTV54	LOANHEAD	LIBRARY HQ	LOANHEAD	01/04/2006
CTV55	LOANHEAD	CHURCH STREET	LOANHEAD	01/04/2006
CTV59	STATION ROAD	MAIN STREET	ROSLIN	06/03/2008
CTV60	OPP MFI @ PED-XING	BOGWOOD ROAD	MAYFIELD	06/03/2008
CTV61	IN MIDDLE OF COURT	BOGWOOD COURT	MAYFIELD	06/03/2008
CTV62	S/O CHURCH	MAYFIELD PLACE	MAYFIELD	06/03/2008
CTV69	HEALTH CENTRE	HUNTERFIELD ROAD	GOREBRIDGE	06/03/2008
CTV70	FRONT (E) CORNER POLTON STREET ENTRY	DUNDAS BUILDINGS	BONNYRIGG	06/03/2007
CTV71	FRONT (W) CORNER POLTON STREET	DUNDAS BUILDINGS	BONNYRIGG	06/03/2007
CTV72	REAR (E) CORNER @ SCHOOL PLAYGROUND	DUNDAS BUILDINGS	BONNYRIGG	06/03/2007
CTV73	REAR (W) CORNER @ SCHOOL PLAYGROUND	DUNDAS BUILDINGS	BONNYRIGG	06/03/2007
CTV74	IN CAR PARK ON SCHOOL HALL CORNER WALL	DUNDAS BUILDINGS	BONNYRIGG	06/03/2007
CTV80	AT TERMINUS EXIT	SHERIFFHALL PARK & RIDE	A7	01/09/2010

Unit No.	Location	Street	Area	Column Installed
<u>CTV81</u>	PARKING AREA (A7 SIDE)	SHERIFFHALL PARK & RIDE	A7	01/09/2010
<u>CTV82</u>	PARKING AREA (FAR END A7 SIDE)	SHERIFFHALL PARK & RIDE	A7	01/09/2010
<u>CTV83</u>	PARKING AREA (SHAWFAIR SPINE RD SIDE)	SHERIFFHALL PARK & RIDE	A7	01/09/2010
<u>CTV84</u>	ON TERMINUS BUILDING (NORTH SIDE)	SHERIFFHALL PARK & RIDE	A7	01/09/2010
<u>CTV85</u>	ON TERMINUS BUILDING (REAR)	SHERIFFHALL PARK & RIDE	A7	01/09/2010
<u>CTV86</u>	ON TERMINUS BUILDING (AT BUS STOP SIDE)	SHERIFFHALL PARK & RIDE	A7	01/09/2010
<u>CTV87</u>	PARKING AREA (R/O TERMINAL)	SHERIFFHALL PARK & RIDE	A7	01/09/2010
<u>CTV88</u>	PARKING AREA (MIDDLE)	SHERIFFHALL PARK & RIDE	A7	01/09/2010
<u>CTV90</u>	STOBHILL DEPOT	CIVIC AMENITY SITE	NEWTONGRANGE	29/09/2011
<u>CTV91</u>	STOBHILL DEPOT	CIVIC AMENITY SITE	NEWTONGRANGE	29/09/2011
<u>CTV92</u>	STOBHILL DEPOT	CIVIC AMENITY SITE	NEWTONGRANGE	29/09/2011
<u>CTV93</u>	STOBHILL DEPOT	CIVIC AMENITY SITE	NEWTONGRANGE	29/09/2011
<u>CTV94</u>	STOBHILL DEPOT	CIVIC AMENITY SITE	NEWTONGRANGE	29/09/2011
<u>CTV95</u>	STOBHILL DEPOT	CIVIC AMENITY SITE	NEWTONGRANGE	29/09/2011