

Closed Circuit Television (CCTV) Network

Report by Kevin Anderson, Executive Director - Place

Report for Decision

1 Recommendations

Council is recommended to approve the procurement and installation of Multi-Sensor Cameras across Midlothian CCTV estate and network, augmented by the procurement and use of redeployable wireless CCTV cameras, to be utilised at locations of interest or hot spot areas for community safety and detecting/deterring anti-social behaviour and environmental crimes. This would require the addition of £471,860 to the capital plan in 2021/22 and an addition to the annual revenue budget of £97,622 from 2022/23.

2 Purpose of Report

The purpose of this report is to provide Council with options and seek decision on upgrading the Council's existing public open space CCTV estate and network system, supplemented with redeployable cameras.

Date: 29 November 2021

Report Contact: Derek Oliver, Chief Officer - Place

Email: derek.oliver@midlothian.gov.uk

3 Background

- 3.1 A report was presented at August 2021 Council meeting, where Council approved Officers to undertake a fully costed options appraisal on the existing camera estate and network to deliver an appropriate service, in consultation with Police Scotland, to the communities of Midlothian; and report to Council.
- 3.2 Midlothian Council's public space CCTV system includes 56 cameras covering a number of main streets in Dalkeith, Penicuik, Bonnyrigg, Danderhall, Loanhead, Mayfield, Gorebridge, Roslin, Newtongrange and Sheriffhall Park and Ride. All cameras are identifiable and have signs indicating who is operating them and how they can be contacted.
- 3.3 In February 2018, as a result of financial pressures, Midlothian Council agreed through the Financial Strategy Report to manage a reduction of all open space CCTV activity and delete the Community Safety team, which oversaw the CCTV system and operations. The existing cameras continue to operate until a fault develops and, if unable to be repaired at minimal cost, are thereafter switched off and signage added to indicate that they are not active.
- 3.4 40 of the public space CCTV cameras are operational, with 16 units non-operational.
- 3.5 Issues around cabling and the analogue nature of the majority of the cameras means that the assets are limited in their use, lifespan and will deteriorate further without maintenance or upgrading.

4 Options

- 4.1 Police Scotland are content with the locations of current CCTV cameras, with redeployable wireless CCTV units augmenting the estate for targeted surveillance and identified hot spot locations for anti-social behaviour and/or environmental crimes.
- 4.2 The existing CCTV camera estate has been assessed and a costing exercise undertaken to upgrade the camera devices and cabling system to make it fit for purpose.
- 4.3 Costings were provided for Pan-Tilt-Zoom (PTZ) and Multi-Sensor cameras.
- 4.4 PTZ cameras can rotate left and right, up and down, while zooming in and out as needed. Most PTZs are deployed in larger spaces that require a 180 or full 360 degree view. A disadvantage of PTZ is that they can fail to capture an event or incident due to being out of view due to an automatic preset motion schedule, although can be mitigated by operator control which requires personnel resource.
- 4.5 Multi-Sensor cameras have the ability to provide up to 360 degree coverage with multiple image sensors. Each multi-sensory camera records its own footage and single, panoramic video images are created through the stitching process. Multi-sensor cameras can

provide more flexibility and detailed coverage within the field of view than other cameras.

- 4.6 Subject to a full procurement exercise, and additional costs to install network points and civil works, the indicative cost options for upgrading the existing network to accommodate new HD public space cameras and recording system to make the system fully operational:

<u>Danderhall</u>	
Multi sensor option	£38,014.00
PTZ Option	£35,739.00
<u>Loanhead</u>	
Multi sensor option	£50,745.00
PTZ Option	£48,830.00
<u>Mayfield</u>	
Multi sensor option	£36,325.00
PTZ Option	£34,105.00
<u>Bonnyrigg</u>	
Multi sensor option	£64,655.00
PTZ Option	£59,265.00
<u>Penicuik</u>	
Multi sensor option	£68,355.00
PTZ Option	£62,880.00
<u>Dalkeith</u>	
Multi sensor option	£114,830.00
PTZ Option	£102,295.00
<u>Control Room & Police Station</u>	£9,800.00
Multi sensor option	£382,724.00
PTZ Option	£352,914.00

- 4.7 Redeployable wireless CCTV cameras to supplement the fixed camera estate would provide surveillance to areas outwith town centres. These are particularly useful for areas subject to anti-social behaviour and environmental crime. They are powered through street lighting columns. However, for the more remote areas, a unit with a rapid deployment tower would enable surveillance in areas where mains power was not immediately available, ideal for remote fly-tipping sites.

- 4.8 Wireless CCTV units are circa £10,000 per unit which include ANPR capability, with the rapid deployment tower circa £20,000. For coverage in each Ward area, it would be prudent for five wireless CCTV units and a rapid deployment tower with camera being procured.

5 Report Implications

6.1 Resource

Additional capital budget of £471,860 for the Multi Sensor Option or £440,560 for the Pan Tilt Zoom Option will be required for the upgrading of the public open space CCTV system and network and additional wireless units, including 5% contingency costs for associated civils works.

Capital Costs		
	Multi sensor option	Pan Tilt Zoom Option
Fixed Camera CCTV		
Danderhall	38,014	35,739
Loanhead	50,745	48,830
Mayfield	36,325	34,105
Bonnyrigg	64,655	59,265
Penicuik	68,355	62,880
Dalkeith	114,830	102,295
Control Room & Police Station	9,800	9,800
Total	382,724	352,914
Installation of network points and civil works	19,136	17,646
Capital Cost Fixed Camera CCTV	401,860	370,560
Wireless CCTV Units	50,000	50,000
Rapid Deployment Tower	20,000	20,000
Total Capital Cost	471,860	440,560

There will be a requirement for an increased annual revenue budget from 2022/23

	Multi sensor option	Pan Tilt Zoom Option
Revenue Costs		
Maintainance Costs	25,000	25,000
Loan Charges	72,622	67,804
Annual Revenue Costs	£97,622	£92,804

Monitoring of the surveillance system will be met within existing staffing establishments of Police Scotland and Protective Services.

The options presented in respect of CCTV provision will incur additional costs which are not budgeted for in the current year or provided for in future years projections. Consequently any service change will impact negatively on reserves if additional spend is incurred in this financial year. Otherwise future years costs would add to the underlying budget gap and so adversely impact on the ability to balance the 2022/23 budget. Accordingly prioritising funding to this service would necessitate compensatory service reductions or saving measures.

6.2 Digital

There will be a requirement for installation of digital infrastructure at each camera location, with a feed to Dalkeith Police Station.

6.3 Risk

Although not a statutory function to provide a CCTV system, the failure to address the deterioration and declining condition of the existing camera estate increases risks for not aligning with public safety objectives.

6.4 Ensuring Equalities

Having a properly maintained and operational CCTV system is vital to Midlothian's community safety. The subject of this report has a positive impact in the environment and as such does not affect the wellbeing of the community or have a significant detrimental impact on equality, the environment or economy.

6.5 Additional Report Implications

See Appendix A

APPENDIX A – Report Implications**A.1 Key Priorities within the Single Midlothian Plan**

The route map outlines the phases of service recovery and transformation which will underpin the Single Midlothian Plan.

A.2 Key Drivers for Change

Key drivers addressed in this report:

- Holistic Working
- Hub and Spoke
- Modern
- Sustainable
- Transformational
- Preventative
- Asset-based
- Continuous Improvement
- One size fits one
- None of the above

A.3 Key Delivery Streams

Key delivery streams addressed in this report:

- One Council Working with you, for you
- Preventative and Sustainable
- Efficient and Modern
- Innovative and Ambitious
- None of the above

A.4 Delivering Best Value

The report aims to deliver best value.

A.5 Involving Communities and Other Stakeholders

Consultation with Police Scotland will be imperative.

A.6 Impact on Performance and Outcomes

The report aims to measure progress through outcomes.

A.7 Adopting a Preventative Approach

The report is based on the creation of a wellbeing economy which prioritises prevention, fairness for people, the economy and the environment.

A.8 Supporting Sustainable Development

New systems can be assessed to consider energy management and utilise sensor technology for utility consumption.