

PCC Decision Report

Please ensure all sections below are completed

Report reference number: PCC/2017/070
Classification: Official
Title of report: IT Infrastructure Modernisation – Investment Business Case
Area of County/Stakeholders affected: Essex Police and Essex OPCC – all employees. Broader implications for all partners and members of the public who rely on Essex Police having robust high availability access to data in police IT systems.
Report by : Jules Donald, Head of IT Services
Date of report: 16th June 2017
Enquiries to: Jules Donald

1. Purpose of report

This report summarises the PCC's decision to approve the IT Infrastructure Modernisation business case, to replace and upgrade critical parts of the Force's IT infrastructure. This is a joint investment with Kent Police.

2. Recommendations

- 2.1 That the PCC approves the year one (2017/18) funding of **£1.575 million** (capital) and **£81,000** (revenue) funded from existing budget provision.
- 2.2 That the Head of IT Services brings back further details on profiling of infrastructure investment for future years in September 2017, before any further expenditure is committed for future years. This will be informed over the next few months by assessment of performance and storage volume data metrics by a specialist IT company contracted for this work.

3. Benefits of Proposal

- 3.1 The attached detailed business case (IT Infrastructure Modernisation v0.6) outlines the requirement to invest in critical IT infrastructure to maintain reliable access to Essex Police IT systems and data storage by replacing old technology (servers), procuring additional storage for multi-media evidence volumes (Body Worn Video footage), enable the roll-out of 850 additional BWV cameras already purchased by the force, and the procurement of an Enterprise Back-up solution to ensure that key operational systems can still be accessed in the event of system failure.
- 3.2 The benefits of this investment are primarily around maintaining critical force infrastructure to enable operational policing performance, ensuring that access to data in the police IT systems hosted on-site in Essex Police remains at high availability at all times.
- 3.3 The consequences of not proceeding with this investment is documented in the business case, and describe the high level of risk currently carried in force with a large proportion of the IT infrastructure being old, liable to fail, and out of supplier warranty. This situation means that core operational IT systems can fail at any time, with potential loss of important operational data (such as the recent Codes data failure documented in the business case), and subsequent reputational damage and failure to conclude court cases. This risk also presents vulnerability for the force in terms of compliance for accreditation to continue using the PSN (Public Services Network), and vulnerability to cyber security attacks where the aging legacy infrastructure is no longer supported by the supplier.

4. Background and proposal

- 4.1 The business case was originally brought to the PCC for approval at the Strategic Board on 20th March 2017. Further detail was requested by the PCC around more context in terms of further spend in future years, the background work to this business case (the Methods Advisory outline business case for Infrastructure Modernisation), the wider Criminal Justice technology programme, and other options to be costed out. Subsequent versions have been brought back to the PCC for his assurance that spend was legitimate, proportionate and justifiable, resulting in a conditional approval to commence procurement subject to his final approval of the business case (version 0.6).

5. Police and Crime Plan

- 5.1 In order to meet the **Police and Crime Plan Priorities** (investing in new technologies to enhance the way we work) - one of the highest priorities across the past two years for IT Services has been to stabilise and improve the inherited IT joint infrastructure landscape, which was ageing, historically under-invested and in some cases not fit for purpose for the demands of two high volume police forces in terms of technology choices. This legacy situation has culminated in causing failing technology performance, a frustrating user experience,

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operational workflow impact and ultimately various areas of organisational risk. A large tranche of work has also been undertaken to improve our infrastructure to be accredited for the national PSN network.

5.2 Adherence to further strategic plans is outlined in section 2 of the business case

6. Police Operational Implications

6.1 The investment outlined enables continuation of access to Police IT systems and the continued roll-out and usage of the Body Worn Video cameras, and has the full support of the Chief Constable and his Chief Officer team.

7. Financial Implications

7.1 The financial implications are summarised in the business case, and the funding has been allocated at outline level in the 2017/18 Essex Police investment plan, which was approved by the PCC in setting the 2017-18 budget.

8. Legal Implications

Not applicable

9. Staffing and other resource implications

9.1 This proposal complies with the IT resourcing strategy, approved by the Strategic IT Steering Board in June 2017.

10. Equality and Diversity implications

Not applicable

11. Background papers

11.1 IT Infrastructure Modernisation business case version 0.6 – restricted due to commercial confidentiality.

Report Approval

The report will be signed off by the OPCC Chief Executive and Treasurer, prior to review and sign off by the PCC / DPCC.

Chief Executive/M.O Sign: *[Signature]*

Print: *S. HANCOCK*

Chief Financial Officer/Treasurer Sign: *[Signature]*

Print: *CHARLES R GARRETT*

Publication

Is the report for publication? YES NO

If 'NO', please give reasons for non-publication (state 'None' if applicable)

If the report is not for publication, the Chief Executive will decide if and how the public can be informed of the decision.

Redaction

If the report is for publication, is redaction required:

1. Of Decision Sheet YES NO 2. Of Appendix YES NO

If 'YES', please provide details of required redaction:

Detailed Business Case contains commercially sensitive data
Date redaction carried out: *7 July 17*

Treasurer / Chief Executive Sign Off – for Redactions only
If redaction is required, Treasurer or Chief Executive are to sign off that redaction has been completed.
Sign: *[Signature]*
Print: *CHARLES R GARRETT*
Chief Executive/Treasurer
Date signed: *7 July 17*

Decision and Final Sign Off

I agree the recommendations to this report;

Sign: *[Handwritten Signature]*

Print: *R. C. Hirst*

PCC/Deputy PCC

Date signed: *2/7/17*

I do not agree the recommendations to this report because;

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Sign:

Print:

PCC/Deputy PCC

Date signed:

