

REQUEST FOR DMPC DECISION – PCD 231

Title: Next Generation Forensics Infrastructure

Executive Summary:

Labnet 2 is a critical part of the new digital forensics operating model. Labnet 2 will enable large volumes of data to be processed efficiently and accurately. Without this technology, tens of thousands of officer hours will be used to trawl through data that could be done automatically. Labnet 2 will be developed incrementally and will re-use and enhance technology from the existing Labnet 1 infrastructure.

Recommendation:

The DMPC is asked to

1. Approve capital funding of £4.011m for the Network Solution for connecting the kiosks, hubs, and Lambeth facility.
2. Approve revenue funding of £0.178m and ongoing revenue of £0.629m p.a. for the Network Solution for connecting the kiosks, hubs, and Lambeth facility.
3. Approve capital funding of £3.231m for the enhancements to the Labnet 1 infrastructure that supports processing of more complex data sets and cases (known as Tier 2) at 8 hub locations across London.
4. Approve revenue funding of £0.072m and ongoing revenue of £0.689m p.a. for the enhancements to the Labnet 1 infrastructure that supports processing of more complex data sets and cases (known as Tier 2) at 8 hub locations across London.
5. Approve capital funding of £0.12m for a Digital Evidence Store Options Paper to determine the best value for money approach for building and supporting the main repository for digital evidence.
6. Note the capital items above have an overall aggregated shortfall of £0.862m against the 2017/18 Capital Plan. A virement from an historical line item in the capital plan for radio refurbishments that have already been completed will cover this shortfall. The project revenue and ongoing revenue requirements has been built into the Digital Policing budgets.

Deputy Mayor for Policing And Crime

I confirm I have considered whether or not I have any personal or prejudicial interest in this matter and take the proposed decision in compliance with the Code of Conduct. Any such interests are recorded below.

The above request has my approval.

Signature

Sybil Henderson

Date

21/7/17

PART I - NON-CONFIDENTIAL FACTS AND ADVICE TO THE DMPC

Decision required – supporting report

1. Introduction and background

- 1.1 The Labnet project forms part of new operating model for digital forensics and is being delivered as part of the One Met Model. This paper is an extension of the Outline Business Case (OBC) originally submitted in July 2015 and the OBC Update approved in September 2016.
- 1.2 Labnet 2 is a critical part of the new digital forensics operating model. It will allow large volumes of data to be processed efficiently and accurately. The new model will also support decision making in terms of whether a crime has been committed, provide evidence to support a criminal charge and support other MPS digital data recovery and intelligence activities.

2. Issues for consideration

- 2.1. The new digital forensics operating model is a transformation project that enables front line investigators to recover data from digital devices and media across all crime investigated by the MPS.
- 2.2. See the Part 2 for details.

3. Financial Comments

- 3.1 The cost of funding Labnet 2 will be funded from existing resources.
- 3.2 Further details are contained in the Part 2.

4. Legal Comments

- 4.1. There are no legal implications arising from this report.

5. Equality Comments

- 5.1. There are no direct equality or diversity implications arising from this report.

6. Background/supporting papers

- 6.1. Briefing note.

Public access to information

Information in this form is subject to the Freedom of Information Act 2000 (FOIA) and other legislation. Part 1 of this form will be made available on the MOPAC website within 1 working day of approval. Any facts/advice/recommendations that should not be made automatically available on request should not be included in Part 1 but instead on the separate Part 2 form. Deferment is only applicable where release before that date would compromise the implementation of the decision being approved.

Part 1 Deferral:

Is the publication of Part 1 of this approval to be deferred ? NO

Part 2 Confidentiality: Only the facts or advice considered as likely to be exempt from disclosure under the FOIA should be in the separate Part 2 form, together with the legal rational for non-publication.

Is there a **part 2** form – Yes

If yes, for what reason: EXEMPT under Article 2(2)(a) of the Elected Local Policing Bodies (Specified Information) Order 2011.

ORIGINATING OFFICER DECLARATION:

| | |
|---|---|
| | |
| Head of Unit: The Chief Financial Officer has reviewed the request and is satisfied it is correct and consistent with the MOPAC's plans and priorities. | ✓ |
| Legal Advice: The MPS legal team has been consulted on the proposal. | ✓ |
| Financial Advice: The Chief Financial Officer has been consulted on this proposal. | ✓ |
| Equalities Advice: No Equality and Diversity issues identified. | ✓ |

OFFICER APPROVAL**Chief Executive Officer**

I have been consulted about the proposal and confirm that financial, legal and equalities advice has been taken into account in the preparation of this report. I am satisfied that this is an appropriate request to be submitted to the Deputy Mayor for Policing and Crime.

Signature

R. Lawrence

Date 21/7/17

Next Generation Forensics Infrastructure Labnet 2 OBC Update 2

INVESTMENT ADVISORY BOARD
6th of July 2017

Report by David Pitty on behalf of the Deputy Commissioner

EXECUTIVE SUMMARY

This paper is an extension of the Outline Business Case originally submitted for the Labnet infrastructure project in July 2015, and subsequently the OBC Update (1) approved in September 2016.

- The Labnet project forms part of the new operating model for digital forensic examination in the MPS, and is being delivered under the One Met Model Transforming Investigation and Prosecution programme.
- The Mayor's Police and Crime Plan 2017-2021 recognises that "rapid recovery of data from digital devices is critical to the majority of criminal investigations", and makes a commitment to invest in this technology.
- Labnet 2 will enable large volumes of data to be processed efficiently and accurately. Without this technology, tens of thousands of officer hours will be used to trawl through data that could be done automatically.
- Labnet 2 will be developed incrementally and will re-use and enhance technology from the existing Labnet 1 infrastructure.

The purpose of this OBC update is to request the Board to fund and permit to procure the items in section A below.

A. RECOMMENDATIONS - That

1. The board

- a. Approve capital funding of **Capital £4.011m** for the Network Solution for connecting the kiosks, hubs, and Lambeth facility
- b. Approve revenue funding of **Project Revenue £0.178m, Ongoing Revenue £0.629m p.a.** for the Network Solution for connecting the kiosks, hubs, and Lambeth facility
- c. Approve capital funding of **Capital £3.231m** for the enhancements to the Labnet 1 infrastructure that supports processing of more complex data sets and cases (known as Tier 2) at 8 hub locations across London
- d. Approve revenue funding of **Project Revenue £0.072m, Ongoing Revenue £0.689m p.a.** for the enhancements to the Labnet 1 infrastructure that supports processing of more complex data sets and cases (known as Tier 2) at 8 hub locations across London
- e. Approve funding of **Capital £0.12m** for a Digital Evidence Store Options Paper to determine the best value for money approach for building and supporting the main repository for digital evidence
- f. The capital items above have an overall aggregated shortfall of £0.862m against the 2017/18 Capital Plan. A virement from an historical line item in the capital plan for radio refurbishments that have already been completed will cover this shortfall. The project revenue and ongoing revenue requirements has been built into the Digital Policing budgets.

B. SUPPORTING INFORMATION

1. Labnet 2 is a critical part of the new digital forensics operating model and is truly transformational across both policing and criminal justice. Labnet 2 will enable large volumes of data to be processed efficiently and accurately. Without this technology, tens of thousands of officer hours will be used to trawl through data that could be done automatically. Labnet 2 will be developed incrementally and will re-use and enhance technology from the existing Labnet 1 infrastructure.

The qualitative benefits are significant - the following extract is from the Mayor's Police and Crime Plan 2017-2021 (page 47), "The rapid recovery of data from digital devices such as smartphones is critical to the majority of criminal investigations. In digital forensics, the MPS will implement a new operating model where the majority of the recovery of data will be undertaken by investigators through the deployment of 96 digital forensics kiosks across the MPS. This new model will allow for quick decisions to be made about whether a crime has been committed, provide evidence to support a criminal charge and support other MPS digital data recovery and intelligence activities."

The components required to deliver Labnet 2 are as follows:

- A. A Network Solution that provides connectivity between all digital forensic facilities across MPS. This includes connectivity of self-service kiosks that provide download capabilities for phones, tablets and computers across London and simple analysis (known as Tier 1). This will remove the need for DVDs and USB sticks to be used and as a result drives media cost savings. This OBC Extension is requesting funding to deliver this component, and fund the ongoing support.
- B. Enhancements to the Labnet 1 infrastructure that supports processing of more complex data sets and cases (known as Tier 2) at 8 hub locations across London. This OBC Extension is requesting funding to deliver this component, and fund the on-going support.
- C. A Digital Evidence Store (DES) to hold all seized data in a secure and managed facility that will accommodate greater volumes of data and offer an opportunity to implement analytical tools to crack the most complex cases (known as Tier 3). This paper requests funding to complete an options report that will recommend the most appropriate and cost effective solution. There will be a subsequent FBC based on this report for delivery of the DES and tools.
- D. A Remote Search & Review capability to provide officers with the capability to access and identify evidence in a forensically sound manner using the existing Aware network and standard laptops / desktops. This capability is in the procurement stage and will subsequently result in an FBC.

C. OTHER ORGANISATIONAL & COMMUNITY IMPLICATIONS

Equality and Diversity Impact (mandatory)

1. At the time of writing it is expected that there is no differential impact on diverse communities and how any differential impact are being monitored and managed.

Financial Implications / Value for Money (mandatory)

1. The capital spend for this OBC Extension is split between the three elements. Total capital exceeds the currently approved Capital Plan by £862k. A virement from an historical line item in the capital plan for radio refurbishments that have already been completed will cover an overall shortfall of £0.862m shortfall against the 2017/18 Capital Plan. Table 4 shows that funding provision in the existing capital programme is across 2017/18 and 2018/9. The capital programme will therefore be re-profiled, moving the 2018/19 £2m into 2017/18 in line with the revised expenditure profile.
2. The project revenue and ongoing revenue spend for this OBC Extension have been outlined in Table 5 of the business justification paper. At the point of the last OBC Extension (approved in August 2016), a £2.1m p.a. cashable benefit was envisaged which was offset by £1.4m p.a. planned growth to pay for the ongoing support costs of the Labnet 2 solutions. As a result, £700k has been removed from the Forensics MTFP per the previous OBC Extension. This budget pressure will be managed through the Forensic TOM that is being currently designed by Forensics in conjunction with OMM.

Legal Implications (mandatory)

1. Not applicable

Consultation undertaken (mandatory)

1. This paper has been discussed (internally), table below presents the support / resistance it has received.

Consultation grid

| Key stakeholder engagement (up to what level) | Supportive / Supportive with concerns / Not supportive / Not affected |
|---|--|
| Head of Digital, Cyber and Communications Forensics Unit - Mark Stokes | Supportive |
| Finance Business Partners – Lynda McMullan, Ruth Hodson / Michael Killoran | Supportive |
| Strategic Secretariat - Joanne Langridge | Supportive |
| Design Authority - Patrick Kerton | Supportive |
| Portfolio Transformation Office for Planning - Laura Pescod, Aduke Onafowokan "I have reviewed the OBC and the milestones appear to be sufficient for the current stage. More planning should however follow to expand these further subsequently. Onafowokan Aduke - HQ Portfolio Transformation Office" | Supportive |
| Portfolio Transformation Office for Benefits - Mike Thomas " | Supportive |
| Strategic Diversity & Inclusion - Shawn Goodchild | Supportive |
| Business Change - Toby Streeter | Supportive |
| Directorate of Legal Services - Hameera Darr | Supportive |
| Property Services (mandatory) / Environmental Management - Adrian Bines | Supportive |
| Shared Support Services - Liz Church / Andy Walker | Supportive |

Real Estate and Environmental Implications (if relevant to the subject)

1. The solution will utilise existing Technical Equipment Rooms though option for hosting within the data centre (if practical) will be considered.
2. Environmental benefits due to reduced car emissions as data transfer will be over the network rather than being delivered physically at multiple locations.

Report author: (David Pitty, Director of Solution Delivery)

Background papers: LabNet OBC extension v3.0

PART 2: EXEMPT SECTION OF THE REPORT

Risk (including Health and Safety) Implications (mandatory)

1. **This report is the part 1 (publishable) and the business case (LabNet OBC extension v3.0) is part 2 (exempt).**
2. Exempt under Article 2 (2) (a) of the Elected Local Policing Bodies (Specified Information) Order 2011
3. The relevant section(s) under the Freedom of Information Act that would exempt the information in Part 2 from disclosure, **Commercial Interest Section 43**
4. The date at which Part 2 will cease to be confidential or when confidentiality should be reviewed: **July 2020.**