

## REQUEST FOR DMPC DECISION – PCD 450

**Title: ANPR NAS Management Server**

### **Executive Summary:**

The Home Office is replacing the existing National ANPR system with a new solution, the National ANPR System (NAS), which will centralise the current capabilities provided by law enforcement Back office facility (BOF) and replace the Home Office National ANPR Data Centre (NADC). To align to the new national system the MPS will need to invest in a Management Server to replace the current BOF as specified by the Home Office.

### **Recommendation:**

The Deputy Mayor for Policing and Crime is recommended to approve:

- The release of £1.164M Capital funding for the procurement of a Management Server to connect to National ANPR System fully funded from the MOPAC approved Capital Plan.
- Initiate tender action and award of a new contract for supply of a NAS Management Server plus a revenue support and maintenance at a cost of £555k p.a. over a period of up to 4 years.
- The awarding of a contract to enable connectivity via VPN in absence of PSN to the National ANPR Service via a compliant Crown Commercial Services Framework.

### **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**

*Spue Henderson*

**Date**

*03/09/2018*

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

### **Decision required – supporting report**

#### **1. Introduction and background**

- 1.1. The ANPR system is a vital intelligence tool to assist in policing and enforcement functions. An effective use of ANPR data in tackling crime is the access to cross-border and national data from other forces.
- 1.2. All Law Enforcement Agencies maintain their own ANPR system and data storage and are experiencing financial demands to host increasing data volumes as better quality data capture devices become available and camera numbers and their outputs increase. In London data volumes are expected to grow from 12m to 21m reads per day in the next three years chiefly due to the TFL camera strategy.
- 1.3. The National ANPR Service (NAS) is the replacement to the National ANPR Data Centre (NADC) and will become the primary ANPR solution in-force, negating the need for a myriad of different ANPR systems and data stores across the UK. NAS exploits cloudhosting platform to help address its scalability, performance and disaster recovery. The system proposes access to a broad range of Law Enforcement Agencies, allowing them to perform complex analytics and searching on the entire national data set when they need it. Home Office will launch NAS to meet the needs of UK Law Enforcement before the end of 2018.
- 1.4. The NAS specification from the Home Office is that each force is required to invest in a management server. The server will provide access to the national data and facilitate local disaster recovery in the unlikely event that the NAS was unavailable. Local data will be held for 7 days therefore limiting storage costs to locally received data rather than the national volume currently held by the MPS.

#### **2. Issues for consideration**

- 2.1. The National ANPR System is scheduled to be fully functional by March 2019.
- 2.2. The National ANPR System aligns with the new target operating model for future MPS Intelligence Service which is being delivered by the One Met Model (OMM) Programme 4: Transforming Investigation & Prosecution via the Intelligence, Tasking & Co-ordination project. NAS will deliver the outputs and capabilities to deliver benefits, however the benefits will be realised at programme level.
- 2.3. A Full GDPR assessment will be conducted via the MPS specialist team. The DPIA (Data Privacy Impact Assessment which is GDPR compliant) will drive the project's privacy compliance through procurement.

#### **3. Financial Comments**

3.1. The required capital spend of £1.16m is funded in the Digital Policing capital plan. Additional revenue costs of £0.4m in 2019/20 for dual running of the new service will be funded from the Digital Policing project revenue budget. From 2020/21 there is an ongoing saving in running costs of £79k p.a.

3.2. This paper also seeks approval for the associated commercial actions:

- Initiate tender action and award a new contract for supply of a NAS Management Server plus a revenue support and maintenance at an estimated cost of £555k p.a. over a period of up to 4 years.
- The awarding of a contract to enable connectivity via VPN in absence of PSN to the National ANPR Service via a compliant Crown Commercial Services Framework.

#### **4. Legal Comments**

4.1. The Mayor's Office for Policing and Crime (MOPAC) is a contracting authority as defined in the Public Contracts Regulations 2015 (the Regulations). All awards of public contracts for goods and/or services valued at £181,302 or above will be procured in accordance with the Regulations.

#### **5. Equality Comments**

5.1. Equality and diversity have been consulted. It was agreed that there is no requirement to complete an equality impact assessment yet, but that when the project starts planning training that they would need to consult again.

#### **6. Background/supporting papers**

6.1. Report

**Public access to information**

Information in this form (Part 1) is subject to the Freedom of Information Act 2000 (FOIA) and will be made available on the MOPAC website following approval.

If immediate publication risks compromising the implementation of the decision it can be deferred until a specific date. Deferral periods should be kept to the shortest length strictly necessary.

**Part 1 Deferral:**

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

If yes, for what reason:

Until what date:

**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 rationale for non-publication.

Is there a **Part 2** form – YES

**ORIGINATING OFFICER DECLARATION**

	<i>Tick to confirm statement (✓)</i>
<b>Head of Unit:</b> The Chief Finance Officer has reviewed the request and is satisfied it is correct and consistent with the MOPAC's plans and priorities.	✓
<b>Legal Advice:</b> Legal advice is not required.	✓
<b>Financial Advice:</b> The Strategic Finance and Resource Management Team has been consulted on this proposal.	✓
<b>Equalities Advice:</b> Equality and diversity issues are covered in the body of the report.	✓

**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 *03/09/2018*



## ANPR Management Server

### MOPAC Investment Advisory Meeting 30/8/2018

Report by Ivan Balhatchet on behalf of the Deputy Commissioner

**Part 1 – This section of the report will be published by MOPAC. It is classified as OFFICIAL – PUBLIC**

#### *EXECUTIVE SUMMARY*

The Home Office is replacing the existing National ANPR system with a new solution NAS (National ANPR System). The new solution is intended to resolve the longstanding operational and data compliance challenges which have limited force and individual officer access to this valuable source of intelligence. The Home Office will solve the existing system inefficiencies, storage and data silo constraints, by centralising the current capabilities provided by law enforcement BOF (Back office facility) and replace the Home Office NADC (National ANPR Data Centre). To align to the new national system the MPS will need to invest in a Management Server to replace the current BOF as specified by the Home Office.

Once established NAS will allow all forces to access up to 160m data reads per day by 2021, an increase on the existing 44m reads per day. A level of ANPR access will also be afforded to 20,000 MPS officers in addition to the more specialised and restricted access permitted to dedicated intelligence teams.

#### **Recommendations**

The Deputy Mayor for Policing and Crime, via the Investment Advisory Meeting (IAM), is asked to approve:

- The release of £1.164M Capital funding for the procurement of a Management Server to connect to National ANPR System fully funded from the MOPAC approved Capital Plan.
- Initiate tender action and award of a new contract for supply of a NAS Management Server plus a revenue support and maintenance at a cost of £555k p.a over a period of up to 4 years.
- The awarding of a contract to enable connectivity via VPN in absence of PSN to the National ANPR Service via a compliant Crown Commercial Services Framework.

#### **Time sensitivity**

A decision is required from the Deputy Mayor by 31/08/2018. This is because all forces are required to ensure that local ANPR software can communicate data to the new

National ANPR system by March 2019 in order to deliver a single standard system with the capability of meeting increasing demand. Procurement of the MPS management server to meet this commitment cannot commence until the funding is approved and in place therefore August approval is critical to the MPS delivering the required software in line with the national requirement.

## **Non-confidential facts and advice to the Deputy Mayor for Policing and Crime**

### **Introduction and background**

1. The ANPR system is a vital intelligence tool to assist in policing and enforcement functions. An effective use of ANPR data in tackling crime is the access to cross-border and national data from other forces. Currently the MPS are the only UK force that can access all force ANPR data through the national data feed established in 2012. This access supports National Counter Terrorism intelligence requirements and has proved to be a valuable source of intelligence in recent high profile incidents.
2. All Law Enforcement Agencies maintain their own ANPR system and data storage and are experiencing financial demands to host increasing data volumes as better quality data capture devices become available and camera numbers and their outputs increase. In London data volumes are expected to grow from 12m to 21m reads per day in the next three years chiefly due to the TFL camera strategy, nationally volumes are anticipated to grow to 160m per day by 2021.
3. The National ANPR Service (NAS) is the replacement to the National ANPR Data Centre (NADC) and will become the primary ANPR solution in-force, negating the need for a myriad of different ANPR systems and data stores across the UK. NAS exploits cloudhosting platform to help address its scalability, performance and disaster recovery. The system proposes access to a broad range of Law Enforcement Agencies, allowing them to perform complex analytics and searching on the entire national data set when they need it. Home Office will launch NAS to meet the needs of UK Law Enforcement before the end of 2018.
4. The NAS specification from the Home Office is that each force is required to invest in a management server. The server will provide access to the national data and facilitate local disaster recovery in the unlikely event that the NAS was unavailable. Local data will be held for 7 days therefore limiting storage costs to locally received data rather than the national volume currently held by the MPS.
5. Once established NAS will allow all forces to access all camera reads directly and provide a level of ANPR access to 20,000 MPS officers in addition to the more specialised and restricted access permitted to dedicated intelligence teams.

### **Issues for consideration**

1. The National ANPR System is scheduled to be fully functional by March 2019.
2. The National ANPR System aligns with the new target operating model for future MPS Intelligence Service which is being delivered by the OMM Programme 4: Transforming Investigation & Prosecution via the Intelligence, Tasking & Co-ordination project. NAS will deliver the outputs and capabilities to deliver benefits, however the benefits will be realised at programme level. The new intelligence operating model will be sent for approval at the

OMM Design Authority on 25th July 2018 and an Intelligence, Tasking & Co-ordination Outline Business Case is planned to be delivered to PIB in autumn 2018 for approval. The implementation of a National ANPR system will further enhance the new Intelligence operating model.

### **Contributes to the MOPAC Police & Crime Plan 2017-2021<sup>1</sup>**

1. By equipping the police service so that it is better placed to deal with crime
2. Easier access to information and intelligence and better information sharing with other agencies
3. Replacing IT systems with fewer core systems to support the criminal justice process from incident through to court

### **Financial, Commercial and Procurement Comments**

The required capital spend of £1.16m is funded in the DP capital plan. Additional revenue costs of £0.4m in 2019/20 for dual running of the new service will be funded from the DP project revenue budget. From 2020/21 there is an ongoing saving in running costs of £79k p.a.

This paper also seeks approval for the associated commercial actions:

- Initiate tender action and award a new contract for supply of a NAS Management Server plus a revenue support and maintenance at an estimated cost of £555k p.a. over a period of up to 4 years.
- The awarding of a contract to enable connectivity via VPN in absence of PSN to the National ANPR Service via a compliant Crown Commercial Services Framework.

### **Legal Comments**

The Mayor's Office for Policing and Crime (MOPAC) is a contracting authority as defined in the Public Contracts Regulations 2015 (the Regulations). All awards of public contracts for goods and/or services valued at £181,302 or above will be procured in accordance with the Regulations.

### **Equality Comments**

Equality and diversity have been consulted. It was agreed that there is no requirement to complete a equality impact assessment yet, but that when we start planning training that we would need to consult again

### **Privacy Comments**

A Full GDPR assessment will be conducted via the MPS specialist team, the DPIA (Data Privacy Impact Assessment which is GDPR compliant) will drive the projects privacy compliance as we go through procurement.

**Real Estate Implications** There are no changes to estate.

### **Environmental Implications**

There is no impact.

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<sup>1</sup>[Police and crime plan: a safer city for all Londoners | London City Hall](#)

**Background/supporting papers**

None

Report author: Julia Oaksford ANPR NAS Project Manager

**Part 2 – This section refers to the details of the Part 2 business case which is NOT SUITABLE for MOPAC Publication.**

The Government Security Classification marking for Part 2 is:  
OFFICIAL-SENSITIVE [COMMERCIAL]

Part 2 of Funding approval for the ANPR Management Server is exempt from publication for the following reasons:

- Commercial Interest Section 43

The paper will cease to be exempt until contract expiry date which is forecast to be post October 2020.