

DMPC Decision – PCD 538

Title: MetIP Infrastructure Upgrade

Executive Summary:

This case seeks approval to spend £4M for the implementation of the MetIP (Met Integration Platform) software upgrade project. The MetIP system is business critical and provides a 24x7 service to operational police officers. The MetIP Environments were developed in 2014 and the software will reach the end of its supported life in early 2019. This impacts the ability of the MPS to maintain high availability and security of the system. The aim of this project is to ensure that MetIP remains secure and supported so that it can continue serving the business.

The requested upgrade enables alignment with updated Digital Policing Enterprise Architecture platform strategies including the adoption of cloud and containerisation and use of Digital Policing Technical Design Authority standards for operating systems.

Recommendation:

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

- The capital spends of £4.0m to implement the MetIP software upgrade which is fully funded within the new draft capital plan with MOPAC for approval in early 2019
- Ongoing additional revenue costs estimated at £181K per annum. Digital Policing will meet this revenue pressure via savings within their existing budgets.

And to note:

1. The MetIP infrastructure is operationally critical and extensive
2. Support for the current versions expires during early 2019.
3. Upgrading the software will extend the life of the platform for at least 5 years.
4. The DP strategic view is to transition support for these services to outsource providers in line with the service delivery model. This will be easier if the software is using the most current version.

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

Spence Henderson

Date

12/03/2019

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

1. Introduction and background

- 1.1. The MetIP Environments provide the software and enable a number of systems to exchange information, for example:
 - Mobility applications, In Vehicle Mobile Application (IVMA), and Case management System (COPA)
 - Support interfaces for a number of legacy applications/systems including:
 - Custody integration with Corporate Data Warehouse and National Footwear Database (NFD),
 - iPortal,
 - CAD
 - Internal interfaces for Connect (MiPs).
- 1.2. The MetIP Environments were developed in 2014 and the software will reach the end of its supported life in early 2019. This impacts the ability of the MPS to maintain high availability and security of the system. The aim of this project is to ensure that MetIP remains secure and supported so that it can continue serving the business.
- 1.3. This upgrade is also an opportunity to align with updated Digital Policing Enterprise Architecture platform strategies including the adoption of cloud and containerisation and use of Digital Policing Technical Design Authority standards for operating systems.

2. Issues for consideration

- 2.1. The MetIP infrastructure is operationally critical and extensive – careful consideration is required to assess the business implications, technical implications, costs and risks.
- 2.2. If the software is not upgraded, support for the current versions will expire during early 2019.
- 2.3. Upgrading the software will extend the life of the platform for at least 5 years.
- 2.4. The DP strategic view is to transition support for these services to outsource providers in line with the service delivery model. This will be easier if the software is using the most current version.

3. Financial Comments

- 3.1. The capital costs of £4.0m are fully funded within the new draft capital plan with MOPAC for approval in early 2019.
- 3.2. Ongoing additional revenue costs have been estimated at £181K per annum. Digital Policing (DP) will meet this revenue pressure via savings within the existing DP budgets.

4. Legal Comments

- 4.1. The Mayor's Officer for Policing Crime 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. Commercial Issues

- 5.1. As this project is above the EU procurement thresholds, it is necessary to comply with the Public Contract Regulations. This leads to the following options being available.
- 5.2. Option 1 – OJEU procurement exercise: This would be an iterative project based around software architectural development. A large OJEU exercise would not be suitable for such a contract. An OJEU exercise would take a longer period of time to complete and would not allow the team to meet its project deliverables. The OJEU route is thus not recommended.
- 5.3. Option 2 – Using a strategic combination of the Met's architecture contracts and the Solution Provider Framework.
- 5.4. Digital Policing have identified the MPS's Architecture Services contracts and Solution Provider Framework as the preferred route to procure the required design and development work. The initial stages of the project concerned with scoping are suited to the architecture contracts established by the Met. These are contracts created via the Digital Outcomes and Specialists (DOS) framework which is tailored for tasks such as architectural design and software scoping.
- 5.5. After these initial stages, a mini-competition will be undertaken via the Solution Provider Framework. The successful supplier will be given the design artefacts produced by the technical architects and proceed to develop these further so that they can be tested and implemented. The SPF provider will also manage the migration from the old platform to the new platform. The solution will also provide the on-going support for the platform.
- 5.6. Using the architecture contracts and the SPF framework aligns with the MPS's strategic objectives and so option 2 is the recommended option.
- 5.7. Any third-party licenses will be procured via CDW. The hosting infrastructure components will be defined during the Enterprise Architecture and Design phases and will be procured via the existing service contracts.

6. GDPR and Data Privacy

- 6.1. The MPS is subject to the requirements and conditions placed on it as a 'State' body to comply with the European Convention of Human Rights and the Data Protection Act (DPA) 2018. Both legislative requirements place an obligation on the MPS to process personal data fairly and lawfully in order to safeguard the rights and freedoms of individuals.
- 6.2. Under Article 35 of the General Data Protection Regulation (GDPR) and Section 57 of the DPA 2018, Data Protection Impact Assessments (DPIA) become mandatory for

organisations with technologies and processes that are likely to result in a high risk to the rights of the data subjects. The Information Assurance and Information Rights units within MPS will be consulted at all stages to ensure the project meets its compliance requirements.

- 6.3. The project does not use currently personally identifiable data of members of the public, so there are no current GDPR issues to be considered. If the project uses personally identifiable data of members of the public at a later date DPIAs will be completed as needed.

7. Equality Comments

- 7.1. Following consultation with the MPS Inclusion & Diversity no equality and diversity issues were identified.

8. Background/supporting papers

- 8.1. 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>
Financial Advice: The Strategic Finance and Resource Management Team has been consulted on this proposal.	✓
Legal Advice: Legal advice is not required.	✓
Equalities Advice: Equality and diversity issues are covered in the body of the report.	✓
Commercial Issues The proposal is in keeping with the GLA Group Responsible Procurement Policy.	✓
GDPR/Data Privacy <ul style="list-style-type: none">GDPR compliance issues are covered in the body of the report.The project does not use currently personally identifiable data of members of the public, so there are no current GDPR issues to be considered. If the project uses personally identifiable data of members of the public at a later date DPIAs will be completed as needed.	✓
Director/Head of Service: The Chief Finance Officer has reviewed the request and is satisfied it is correct and consistent with the MOPAC's plans and priorities.	✓

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 12/08/2019



MOPAC

MAYOR OF LONDON
OFFICE FOR POLICING AND CRIME

Upgrade for the MetIP Enterprise Service Bus Software Versions

MOPAC IAM (Investment Advisory & Monitoring Meeting)
1 March 2019

Report by Angus McCallum 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

This case seeks approval to spend £4M for the implementation of the MetIP (Met Integration Platform) software upgrade project.

The MetIP Environments provide the software to enable a number of MPS systems to exchange information, for example:

- Mobility tablet applications, In Vehicle Mobile Application (IVMA), and Case management System (COPA)
- Support interfaces for a number of legacy applications/systems including:
 - Custody integration with Corporate Data Warehouse and National Footwear Database (NFD),
 - iPortal,
 - CAD and
- Interfaces for MPS Connect system which will be the future MPS Policing system

The MetIP Environments were developed in 2014 and the software will reach the end of its supported life in early 2019. This impacts the ability of the MPS to maintain the high availability and security of the system. The aim of this project is to ensure that MetIP system remains secure and supported for the next five years or more so that it can continue serving the business.

This upgrade is also an opportunity to align with updated Digital Policing Enterprise Architecture platform strategies including the adoption of cloud and containerization technologies.

Recommendations

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

- The capital spends of £4.0m to implement the MetIP software upgrade which is fully funded within the new draft capital plan with MOPAC for approval in early 2019
- Ongoing additional revenue costs estimated at £181K per annum. Digital Policing will meet this revenue pressure via savings within their existing budgets.

And to note:

1. The MetIP infrastructure is operationally critical and extensive
2. Support for the current versions expires during early 2019.
3. Upgrading the software will extend the life of the platform for at least 5 years.
4. The DP strategic view is to transition support for these services to outsource providers in line with the service delivery model. This will be easier if the software is using the most current version.

Time sensitivity

7. A decision is required from the Deputy Mayor by 15/03/2019. This is because the existing software versions are no longer supported.

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

Introduction and background

8. This case seeks approval to spend £4.0m from the draft capital plan, currently with MOPAC for approval in early 2019, for the MPS Integration Platform (MetIP) Enterprise Service Bus software upgrade project.
9. The MetIP Environments provide the software and enables a number of systems to exchange information, for example:
 - Mobility applications, In Vehicle Mobile Application (IVMA), and Case management System (COPA)
 - Support interfaces for a number of legacy applications/systems including:
 - Custody integration with Corporate Data Warehouse and National Footwear Database (NFD),
 - iPortal,
 - CAD
 - Internal interfaces for Connect (MiPs).
10. The MetIP Environments were developed in 2014 and the software will reach the end of its supported life in early 2019. This impacts the ability of the MPS to maintain high availability and security of the system. The aim of this project is to ensure that MetIP remains secure and supported so that it can continue serving the business.
11. This upgrade is also an opportunity to align with updated Digital Policing Enterprise Architecture platform strategies including the adoption of cloud and containerisation and use of Digital Policing Technical Design Authority standards for operating systems.

12. This case is based on an analysis which reviewed the requirements, identified the solution options, and estimated their costs. This paper presents the findings and recommends the technical option that was agreed by the Digital Policing Technology and Services Council in August 2018.

Issues for consideration

13. Ongoing additional revenue costs have been estimated at £181K per annum. DP will meet this revenue pressure via savings within the existing DP budgets. There is thus no impact on the overall revenue budget.
14. The MetIP infrastructure is operationally critical and extensive (see case for change below) – careful consideration is required to assess the business implications, technical implications, costs and risks
15. If the software is not upgraded, support for the current versions will expire during early 2019.
16. Upgrading the software will extend the life of the platform for at least 5 years.
17. The DP strategic view is to transition support for these services to outsource providers in line with the service delivery model. This will be easier if the software is using the most current version.

Contributes to the MOPAC Police & Crime Plan 2017-2021¹

19. The Mayor's Office for Policing and Crime (MOPAC) Police and Crime Plan sets some tough challenges to meet the ever changing nature of a major capital city. This project will assist in meeting these challenges by providing a core technology that integrates MPS internal systems and systems external to the MPS. These integrations include: allowing officers to search the Police National Computer (PNC) from their mobile devices, allowing In Vehicle Mobile Applications to communicate with the Computer Aided Dispatch (CAD) systems, and the near-real time information flow between the Call Handling System and the Crime reporting systems.

Financial, Commercial and Procurement Comments

Commercial Summary

20. As this projects is above the EU procurement thresholds, it is necessary to comply with the Public Contract Regulations. This leads to the following options being available.
21. Option 1 – OJEU procurement exercise: This would be an iterative project based around software architectural development. A large OJEU exercise would not be suitable for such a contract. An OJEU exercise would take a longer period of time to complete, and would not allow the team to meet its project deliverables. The OJEU route is thus not recommended.
22. Option 2 – Using a strategic combination of the Met's architecture contracts and the Solution Provider Framework.
23. Digital Policing have identified the MPS's Architecture Services contracts and Solution Provider Framework as the preferred route to procure the required design and development work. The initial stages of the project concerned with scoping are suited to the architecture contracts established by the Met. These are contracts created via the Digital Outcomes and Specialists (DOS) framework which is tailored for tasks such as architectural design and software scoping.

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

24. After these initial stages, a mini-competition will be undertaken via the Solution Provider Framework. The successful supplier will be given the design artefacts produced by the technical architects, and proceed to develop these further so that they can be tested and implemented. The SPF provider will also manage the migration from the old platform to the new platform. The solution will also provide the on-going support for the platform.
25. Using the architecture contracts and the SPF framework aligns with the MPS's strategic objectives and so option 2 is the recommended option.
26. Any third party licenses will be procured via CDW. The hosting infrastructure components will be defined during the Enterprise Architecture and Design phases and will be procured via the existing service contracts.

Finance Summary

27. The upgrade of the MetIP environments will ensure secure and supportable continuity of service for a number of key MPS systems. The capital costs of £4.0m are fully funded within the new draft capital plan with MOPAC for approval in early 2019. Any additional revenue costs will be met from DP budgets.

Legal Comments

28. The Mayor's Officer for Policing Crime 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

29. Following consultation with the MPS Inclusion & Diversity no equality and diversity issues were identified

Privacy Comments

30. The MPS is subject to the requirements and conditions placed on it as a 'State' body to comply with the European Convention of Human Rights and the Data Protection Act (DPA) 2018. Both legislative requirements place an obligation on the MPS to process personal data fairly and lawfully in order to safeguard the rights and freedoms of individuals. Under Article 35 of the General Data Protection Regulation (GDPR) and Section 57 of the DPA 2018, Data Protection Impact Assessments (DPIA) become mandatory for organisations with technologies and processes that are likely to result in a high risk to the rights of the data subjects. The Information Assurance and Information Rights units within MPS will be consulted at all stages to ensure the project meets its compliance requirements.
31. The project does not use currently personally identifiable data of members of the public, so there are no current GDPR issues to be considered. If the project uses personally identifiable data of members of the public at a later date DPIAs will be completed as needed.

Real Estate Implications

32. There are no estate related implications

Environmental Implications

33. There are no environmental implications.

Background/supporting papers

34. Supporting papers are included in Part 2, and are exempt from publication. Report author: (Michael Joubert, MetIP Project Manager, m:07788913838)

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 **Upgrade for the MetIP Enterprise Service Bus Software Versions** is exempt from publication for the following reasons:

- Exempt under Article 2(2)(a) of the Elected Local Policing Bodies (Specified Information) Order 2011 (Data Protection Section 43 – Commercial Interests).
- The relevant sections under the FOIA that would exempt this information from disclosure, for example:
 - Commercial Interest Section 43

The paper will cease to be exempt until 01/03/25 – which is approximately 5 years after the contract has been awarded.