



ADOA - ASET

Arizona Strategic Enterprise Technology

Project Investment Justification

Version 01.01

A Statewide Standard Document for Information Technology Projects

Project Title:

Computer Hardware Refresh

Agency Name:	Arizona Department of Public Safety
Date:	May 13, 2014
Agency Contact Name:	David Sipos
Agency Contact Phone:	
Agency Contact Email:	

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I. Management Summary*

The purpose of this project is to replace hardware that is not capable of running Microsoft Windows 7 and/or is 5 years and greater in age. Additionally Microsoft has terminated their support for operating systems running Windows XP as of April 8, 2014, most of the systems running Windows XP operate on a closed network that we call the data radio network which greatly reduces the impact of exposure to external threats. Computers running Windows XP and not operating on the data radio network will be prioritized for replacement.

II. Project Investment Justification (PIJ) Type*

Yes No Is this document being provided for a Pre-PIJ / Assessment phase?

If Yes,

Identify any cost to be incurred during the Assessment phase.	\$
Based on research done to date, provide a high-level estimate or range of development costs anticipated for the full PIJ.	\$

Explain:

[Click here to enter text.](#)

Yes No Will a Request for Proposal (RFP) be issued as part of the Pre-PIJ or PIJ?

III. Business Case

A. **Business Problem***

The identified hardware is currently running Microsoft Windows XP, which will no longer be supported by the vendor after April 8, 2014 and is not capable of being upgraded to Microsoft Windows 7. Additionally the hardware is considered at end of life, and is not supported by the manufacturer. The Department of Public Safety has identified 420 devices that need to be replaced.

B. **Proposed Business Solution***

We have identified all agency hardware which is capable of supporting Microsoft Windows 7 and have been upgrading those systems. During this investigation we identified workstations that could not be upgraded due to system age, it is these systems that we will be replacing to support the new operating system.

C. **Quantified Benefits***

- Service enhancement
- Increased revenue
- Cost reduction
- Problem avoidance
- Risk avoidance

Explain:

The equipment being replaced is old and relatively slow, the new equipment running a new operating system will allow officers and administrative staff to process information faster and allow them to run applications that are more in line with the agencies direction.

IV. Technology Approach

A. **Proposed Technology Solution***

DPS plans to purchase the following hardware and accompanying software:

- 250 Desktop Computers
- 170 Laptop Computers

Each Desktop/Laptop computer will be installed with OEM Microsoft Windows 7 as the Operating system and will have a license for Microsoft Office 2013 Standard purchased and installed. Other standard software installations such as Endpoint Protection, PCOMM, CAD, Symantec Encryption, etc. will be installed and licenses transferred from the old computer to the new replacement.

B. **Technology Environment**

The computers to be replaced as a result of this project were purchased between June 2003 and April 2009. The hardware is old and is no longer supported by the manufacturer.

C. **Selection Process**

The desktop and laptop computers will be replaced by models currently under state contract. The selection of computers to replace was based on data extracted from the Arizona Department of Public Safety's inventory program. Computers that were purchased prior to April 2009 and/or that are unable to run Microsoft Windows 7 were selected for replacement.

V. Project Approach

A. **Project Schedule***

Project Start Date: 5/30/2014 **Project End Date:** 11/30/2016

B. **Project Milestones**

*** Dates of purchase and installation may vary depending on budget cycles/availability of the various DPS business units that will purchase these replacements. However, the overall start and end dates will remain constant. It is expected that purchases will be approximately 50% in the first year and 50% in the second year.

Major Milestones	Start Date	Finish Date
1 st Equipment Order	05/30/14	

Deployment	06/21/14	11/30/15
2 nd Equipment Order	04/30/15	
Deployment	5/21/15	11/30/16

VI. Roles and Responsibilities

A. Project Roles and Responsibilities

Project Manager – David Sipos
 Configuration, Testing, Deployment – AZ DPS PC Support

B. Project Manager Certification

- Project Management Professional (PMP) Certified
- State of Arizona Certified
- Project Management Certification not required

C. Full-Time Employee (FTE) Project Hours

Total Full-Time Employee Hours	840 hours
Total Full-Time Employee Cost	\$17068.80

VII. Risk Matrix, Areas of Impact, Itemized List, PIJ Financials

VIII. Project Approvals

A. Agency CIO Review*

Key Management Information	Yes	No
1. Is this project for a mission-critical application system?		X
2. Is this project referenced in your agency's Strategic IT Plan?	X	
3. Is this project in compliance with all agency and State standards and policies for network, security, platform, software/application, and/or data/information as defined in http://aset.azdoa.gov/security/policies-standards-and-procedures , and applicable to this project? If NO , explain in detail in the "XI. Additional Information" section below.	X	
4. Will this project transmit, store, or process sensitive, confidential or Personally Identifiable Information (PII) data? If YES , in the "XI. Additional Information" section below, describe what security controls are being put in place to protect the data.	X	
5. Is this project in compliance with the Arizona Revised Statutes (A.R.S.) and GRRC rules?	X	
6. Is this project in compliance with the statewide policy regarding the accessibility to equipment and information technology for citizens with disabilities?	X	

B. Project Values*

The following table should be populated with summary information from other sections of the PIJ.

Description	Section	Number or Cost
Assessment Cost (if applicable for Pre-PIJ)	II. PIJ Type - Pre-PIJ Assessment Cost	\$0.00
Total Development Cost	VII. PIJ Financials tab	\$865,464.30
Total Project Cost	VII. PIJ Financials tab	\$865,464.30
FTE Hours	VI. Roles and Responsibilities	840

C. Agency Approvals*

Contact	Printed Name	Signature	Email and Phone
Project Manager:	David Sipos		
Agency Information Security Officer:	Graciano Cervantes		
Agency CIO:	Gregg Hayes		
Project Sponsor:	Gregg Hayes		

IX. Optional Attachments

A. Vendor Quotes

X. Glossary

Data Radio – Closed network where data is transmitted through the dispatch radio system.

XI. Additional Information

Attached are quotes for the following equipment:

HP ProBook 650

HP ProDesk 600

HP EliteDisplay E241i

Microsoft Office 2013 License

Panasonic G1

Security Controls:

Devices are members of an Active Directory Domain which requires a valid username and password to login to the system. Any system connecting remotely to the Arizona Department of Public Safety requires multiple factor authentication (certificate, RSA token, valid domain username/password). Laptops that will be used in sensitive areas will have Symantec Encryption Desktop installed to protect data at rest, furthermore each desktop/laptop will receive important/critical operating system patches and will be protected by Symantec Endpoint Protection for antivirus.

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