



ADOA - ASET

Arizona Strategic Enterprise Technology

Project Investment Justification

Version 01.01

A Statewide Standard Document for Information Technology Projects

Project Title:

Intrusion Prevention System

Agency Name:	Arizona Department of Corrections
Date:	01/24/2014
Agency Contact Name:	Randy Newman/ Jerry Baba
Agency Contact Phone:	
Agency Contact Email:	

[Hover for Instructions](#)

I. Management Summary*

As a part the of Arizona Department of Corrections (ADC) security plan, it is necessary for ADC to implement a “high level” Intrusion Prevention System (further referred to as “IPS”) to mitigate network security risk. After witnessing the security breach at Maricopa colleges and assessing our own security stance, the decision has been made to strengthen our IT security initiatives within the ADC sphere.

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***

Technology trends today and in the future continue to improve the transmission speed and availability of data at an alarming rate. With these improvements comes the risk that the data can become corrupted or stolen by malicious code, internal or external entities, or organizations. The ADC is not exempt from this possibility. Currently, the ADC has no “high level” IPS to prevent such an event from occurring.

B. **Proposed Business Solution***

Acquire, install, configure and put into production an IPS.

C. **Quantified Benefits***

<input checked="" type="checkbox"/>	Service enhancement
<input type="checkbox"/>	Increased revenue
<input checked="" type="checkbox"/>	Cost reduction
<input checked="" type="checkbox"/>	Problem avoidance
<input checked="" type="checkbox"/>	Risk avoidance

Explain:

Service enhancement:

The implementation of this hardware onto our network will provide network reliability by ensuring that no intrusion attempt will go beyond the installed security device.

Cost reduction:

With the installation of this hardware, ADC and the State of Arizona can insure that any security intrusion attempt to our network whether internal or external will significantly diminish, thus decreasing the possibility of legal actions, as well as reduce damages to public opinion.

Problem avoidance/Risk avoidance:

ADC can provide improved services to its network provide confidentiality, availability, and integrity of network data and resources that are at risk from malicious entities. An IPS can stop various types of network based attacks thereby mitigating risk associated with these attacks, the problems they create, the potential loss of data, revenue, man power, and time,.

IV. Technology Approach

A. Proposed Technology Solution*

Sourcefire (by Cisco and on state contract) Intrusion Prevention System.

B. Technology Environment

Sourcefire IPS is a hardware network device that will sit inline on the network at the perimeter behind the firewall and watch all traffic as it traverses ADC’s network.

C. Selection Process

Several IPS technology companies were interviewed including, Fireeye, EIQ, and Sourcefire. ADOA currently uses Sourcefire technology for state security.

V. Project Approach

A. Project Schedule*

Project Start Date: 2/3/2014 Project End Date: 4/4/2014

B. Project Milestones

Major Milestones	Start Date	Finish Date
Place order	2/3/14	2/7/14
Receive order	2/10/14	2/28/14
Device is installed and tested on network	3/03/14	3/21/14
Device is configured and put into production	3/24/14	4/4/14

VI. Roles and Responsibilities

A. Project Roles and Responsibilities

Jerry Baba	Project Manager	Project Oversight
------------	-----------------	-------------------

Karen Osmond	Purchasing Manager	Purchasing Agent
Randy Newman	IT Security Manager	Configuration and Installation

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	39
Total Full-Time Employee Cost	\$1014

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	
Total Development Cost	VII. PIJ Financials tab	\$55,577.00
Total Project Cost	VII. PIJ Financials tab	\$55,577.00
FTE Hours	VI. Roles and Responsibilities	39

C. Agency Approvals*

Contact	Printed Name	Signature	Email and Phone
Project Manager:	Jerry Baba		
Agency Information Security Officer:	Randy Newman		
Agency CIO:	Stephen Welsh		
Project Sponsor:	Michael Kearns Administrative Services Division Director		
Agency Director			

IX. Optional Attachments

A. Vendor Quotes

X. Glossary

XI. Additional Information

Links:

[ADOA-ASET Website](#)

[ADOA-ASET Project Investment Justification Information Templates and Contacts](#)

Email Addresses:

[Strategic Oversight](#)

ADOA-ASET_Webmaster@azdoa.gov