



ADOA - ASET

Arizona Strategic Enterprise Technology

Project Investment Justification

Version 01.01

A Statewide Standard Document for Information Technology Projects

Project Title:

ADC Network Firewall Enhancement

Agency Name:	ADC
Date:	5/7/14
Agency Contact Name:	Jerry Baba
Agency Contact Phone:	
Agency Contact Email:	

[Hover for Instructions](#)

I. Management Summary*

As a part the of 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. ADC IT previously purchased Palo Alto Networks hardware in January of 2014 for \$23,186.65 with the full belief that this order would be able to meet the current and near future needs of the agency. It has since been found the assessment was understated. As ADC continues to increase the amount of traffic at any one time across its network and with the increasing and continuous attempts to infiltrate our network by unauthorized entities, ADC has determined that another unit of exact type must be installed onto our network. The previous purchase was below the cost that would signal the creation of a PIJ, but with this purchase of the exact type of hardware for the same purpose, the cumulative price exceeds the PIJ trigger price. I have included the quote for the January purchase in this summary, as listed below.

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.	0\$
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***

ADC’s security team is continuing the further reduction to the agency’s risk associated with Network Intrusion by malicious code, entities, or organizations. ADC has discovered the NG Firewall represents a single point of failure on the network. Any time the device restarts or is offline network connectivity is lost. Furthermore the device “fails closed”

this means that if the device fails completely all network connectivity is stopped until the device is replaced.

B. Proposed Business Solution*

Acquire, install, configure and put into production a Palo Alto Networks PA-320 Firewall system for high-availability

C. Quantified Benefits*

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

Explain:

The Security team is continuing to provide our ADC's network with confidentiality, availability, and integrity of network data and resources that are constantly at risk from malicious entities. A Palo Alto Networks Firewall 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*

B. Technology Environment

Palo Alto is a hardware network device that will sit inline on the network at the perimeter at the ingress/egress points and watch all traffic as it traverses ADC's network

C. Selection Process

This vendor is on state contract as are the several firewall technology companies that were interviewed including, cisco, Juniper, and HP. We currently employ a Palo Alto

Firewall environment on the ADC network. ADOA/ASET is currently in the process of evaluating for incorporating this product into its own environment.

V. Project Approach

A. Project Schedule*

Project Start Date: 05/19/2014 **Project End Date:** 7/31/2014

B. Project Milestones

Major Milestones	Start Date	Finish Date
Palo Alto device is purchased and delivered	5/19/14	6/30/14
Device is installed on network	7/01/14	7/16/14
Device is configured and put into production	7/17/14	7/31/14

VI. Roles and Responsibilities

A. Project Roles and Responsibilities

Randy Newman – IT Security Manger
 Babette Davis- Purchasing
 Jerry Baba- Project Manager

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	160
Total Full-Time Employee Cost	\$

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	\$20,318.00
Total Project Cost	VII. PIJ Financials tab	\$20,318.00
FTE Hours	VI. Roles and Responsibilities	160

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		

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](#)

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