

## Exhibit 300: Capital Asset Summary

### Part I: Summary Information And Justification (All Capital Assets)

#### Section A: Overview & Summary Information

**Date Investment First Submitted:** 2000-01-01  
**Date of Last Change to Activities:** 2012-03-19  
**Investment Auto Submission Date:** 2012-02-27  
**Date of Last Investment Detail Update:** 2011-09-16  
**Date of Last Exhibit 300A Update:** 2012-02-27  
**Date of Last Revision:** 2012-05-21

**Agency:** 029 - Department of Veterans Affairs      **Bureau:** 00 - Agency-Wide Activity

**Investment Part Code:** 01

**Investment Category:** 00 - Agency Investments

**1. Name of this Investment:** InterAgency 21st Century PIV

**2. Unique Investment Identifier (UII):** 029-888888103

#### Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

Homeland Security Presidential Directive-12 (HSPD-12) mandated a "Policy for a Common Identification Standard for Federal Employees and Contractors" to provide secure and reliable identification issued by Federal agencies for their employees and contractors. The Department of Veterans Affairs Personal Identity Verification (PIV) project is established to provide compliance with HSPD-12. The PIV credential will be used for identification and authentication across Federal logical and physical access systems. The National Institutes of Standards and Technology (NIST) FIPS-201 defines the requirements for the PIV credential enrollment and issuance necessary to provide common assurance under which all PIV credentials are issued. The VA PIV program will establish a FIPS 201 compliant enterprise standards-based smart card and Public Key Infrastructure (PKI) authentication and authorization foundation to support secure and seamless transmission of business transactions and information. PIV addresses the expanded E-Government through the use of an electronic credential (identity) used for identification using Public Key Infrastructure (PKI), PINS, and biometrics (facial and fingerprint) for both physical and logical access through the use of these multiple factors (PKI, Biometrics, PINS). The implementation of the capability to issue PIV credentials across the Agency was completed during Fiscal Year 2010. Implementation included the setup of 202 PIV offices at VA Medical Centers and Benefits Regional Offices strategically positioned across the nation. During FY2011 and FY2012, the

Agency will be making major improvements to their backend PIV system. These enhancements include the integration with an authoritative VA identity source as well as integration with background investigation information data sources. In addition, the VA will be performing a technical refresh of the hardware and bringing the collocated card management system within the VA network infrastructure. Further enhancements are also planned to increase the throughput and necessary bandwidth required by logical access to the network infrastructure using the PIV card PKI. There are no dependencies on other investments. The HSPD-12 investment is not reliant on any other investments. If the investment is not fully funded, the current schedule for reaching saturation of credentialing all required applicants would be impacted.

**2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.**

This investment closes the identified performance gap in regards to the requirements of HSPD-12. This Department of Veterans Affairs has not reached 100% compliance with the directive's requirements. The Agency is currently targeting to be 70% compliant by October 1, 2011 and at 100% by March 1, 2011. If this investment is not funded, the HSPD-12 program will not be able to fulfill its mission to provide increased security of VA facilities. This investment supports the expansion and enhancement of credentialing centers necessary to saturate the VA population with the HSPD-12 PIV credential. The investment also includes funding for the sustainment of the established system(s) including the clients, credentialing centers, and backend data centers. In addition, the investment also includes design and implementation of interfaces necessary for the automation of verifying background investigation information and automation of employee data as part of the HSPD-12 process. This is in response to performance gaps identified by the VA Office of Inspector General. Physical Access Control Systems (PACS) have also been identified as an area within VA which needs to be upgraded to FIPS-201 compliant as required by HSPD-12.

**3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.**

In FY2011 the system was updated with the new HSPD-12 256-bit storage smart cards and upgraded with the new SHA-256 encryption standard required by OMB. PIV system Version 2.4 was implemented during FY2011 including the ability to recover certificates as well as store prior certificate history. Also in FY2011, the Card Management System was moved from co-location to within VA data centers to increase performance and ease of administration. Software was patched to improve synchronization of LDAP information. The Online Certificate Status Protocol devices and clients were implemented increasing speeds of PKI certificate usage. The ability to print "RN" in an open zone was implemented to satisfy a Nurse Union requirement, and Crystal Reporting capability was installed. In addition, work was done on the client side to establish an image for credentialing workstations. Technical refresh hardware and software was also procured.

**4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).**

The technical refresh of the HSPD-12 PIV system will begin in FY2012 using the hardware and software procured for the refresh during FY2012. During Current Year (FY2012) it is planned to continue the implementation of the 80 mobile systems, build and implement an interface between the HSPD-12 PIV system and the VA Background Investigation authoritative data source, build and implement an interface between the HPSD-12 PIV system and the VA's personnel system, namely Personal and Accounting Integrated Data (PAID). In addition, during CY2012, the HSPD-12 program will be conducting analysis of the current HSPD-12 as overall load on the system increased to determine and implement the best approaches for future system upgrades, updates and overall technical refresh. The overall Agency Physical Access Control System (PACS) will also be brought into FIPS-201 compliance using the investment of PY (2011), CY (2012), and into steady states in BY (2013). During Budget Year (FY2013), the HSPD-12 PIV investment will be in "steady state" and investments will cover the operations and maintenance costs of the credentialing centers and the backend data center systems. Another technical refresh is planned for BY+2 (FY2015), three years following the current technical refresh planned for CY (FY2012).

- 5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.**

2009-06-10

## Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$1.7	\$0.0	\$0.0	\$0.0
DME (Excluding Planning) Costs:	\$9.4	\$21.4	\$21.2	\$3.0
DME (Including Planning) Govt. FTEs:	\$1.3	\$1.0	\$0.6	\$0.4
Sub-Total DME (Including Govt. FTE):	\$12.4	\$22.4	\$21.8	\$3.4
O & M Costs:	\$0.0	\$5.5	\$7.1	\$6.2
O & M Govt. FTEs:		\$0.3	\$0.5	\$0.8
Sub-Total O & M Costs (Including Govt. FTE):	0	\$5.8	\$7.6	\$7.0
Total Cost (Including Govt. FTE):	\$12.4	\$28.2	\$29.4	\$10.4
Total Govt. FTE costs:	\$1.3	\$1.3	\$1.1	\$1.2
# of FTE rep by costs:	10	10	10	10
Total change from prior year final President's Budget (\$)		\$0.4	\$-4.2	
Total change from prior year final President's Budget (%)		1.58%	-12.52%	

**2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:**

FY2011 funding for the Personal Identity Verification program has increased from the PY2011 level noted with the FY 2012 President's Budget after the program was aligned under the Secretary's Preparedness initiative, and a MITRE independent study, and an Office of the Inspector General audit were received. All of these factors resulted in new requirements with the objective of bringing the Agency into full HSPD-12 compliance.

## Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	3600	<a href="#">V0010A101S94020</a>	NNG07DA32B	8000							
Awarded	4735	<a href="#">GST0308DS6031</a>	GS35F0382T	4730							
Awarded	4732	<a href="#">GST0311DS6008</a>	NNG07DA09B	8000							
Awarded	4732	<a href="#">GST0311DS6024</a>	NNG07DA09B	8000							
Awarded	3600	<a href="#">VA11811F0106</a>	NNG07DA41B	8000							
Awarded	4735	<a href="#">GST0308DS6066</a>	NNG07DA23B	8000							
Awarded	3600	<a href="#">VA11811F0013</a>	NNG07DA41B	8000							
Awarded	4735	<a href="#">GST0308DS6031</a>	GS35F0382T	4730							

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

## Exhibit 300B: Performance Measurement Report

### Section A: General Information

**Date of Last Change to Activities:** 2012-03-19

### Section B: Project Execution Data

**Table II.B.1 Projects**

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
1109220008	PIV Site Enhancements and Expansion	During FY2012, it is planned to continue the implementation of 80 mobile PIV credentialing systems procured during FY2011. It is also planned to procure and implement enhancements to the 204 established credentialing centers across the Agency facilities.			
1109220011	PIV Physical Access Control Systems (PACS)	The overall Agency Physical Access Control System (PACS) will be brought into FIPS-201 compliance using the investment. Systems Analysis and Design for the enterprise level PACS system will be completed. In addition, the hardware and software procurements will be procured according to the architecture that results from the system analysis and design work.			
1004130603	Safety and Security Initiative (HSPD-12)(PIV)	Development, Modernization and Enhancements of the current PIV system to support the Agency mission to credential all required employees, contractors, and			

**Table II.B.1 Projects**

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
------------	--------------	---------------------	--------------------	-------------------------	------------------------------

affiliates.

**Activity Summary**

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
1109220008	PIV Site Enhancements and Expansion							
1109220011	PIV Physical Access Control Systems (PACS)							
1004130603	Safety and Security Initiative (HSPD-12)(PIV)							

**Key Deliverables**

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
1109220008	Planning State Completed	FY12 PIV Site Enhancements and Expansions Project Planning Completed	2012-02-03	2012-02-03		123	-210	-170.73%
1109220011	Planning State Completed	FY12 HSPD-12 PACS Enterprise System Planning Finish	2012-02-03	2012-02-03		123	-210	-170.73%

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
HSPD-12 requires that all employees, contractors and affiliates that meet the requirements of HSPD-12 must comply and be issued a compliant PIV credential.	Percentage	Customer Results - Service Coverage	Over target	100.000000	100.000000	70.000000	100.000000	Monthly
Metric of percentage complete for deliverables to the customer. The deliverables include requirements elaboration, feasibility and a proposed architecture and design.	Percentage Complete	Customer Results - Customer Benefit	Over target	100.000000	100.000000	100.000000	100.000000	Quarterly
This is a measurement of the percentage the system availability during scheduled operational hours.	Percentage	Technology - Reliability and Availability	Over target	99.700000	99.700000	99.700000	99.700000	Monthly
Operate and maintain the system for less than \$16M budget.	Dollar Value	Technology - Technology Costs	Over target	16.000000	6.048000	6.048000	15.618000	Monthly
System performance to support the requirement for each credentialing system capability to produce a minimum rate of 8 PIV credential per day.	Count	Technology - Quality Assurance	Over target	8.000000	8.000000	8.000000	8.000000	Monthly