pennsylvania
OFFICE OF ADMINISTRATION
INFORMATION TECHNOLOGY

Information Technology Policy

IPAM Technical Architectural Standards – Federal Standards Related to FIPS 201

ITP Number STD-SEC014H	***Effective Date*** June 22, 2009
Category Recommended Policy	***Supersedes***
Contact RA-ITCentral@pa.gov	***Scheduled Review*** Annual

CURRENT STANDARDS

(These technologies meet the requirements of the current architecture and are recommended for use.)

Technology	Platforms	Technology Classification
FIPS 201-1 *Personal Identity Verification (PIV) of Federal Employees and Contractors*	--	Current
SP 800-73-2 *Interfaces for Personal Identity Verification (4 parts):* *1- End-Point PIV Card Application Namespace, Data Model and Representation* *2- End-Point PIV Card Application Interface* *3- End-Point PIV Client Application Programming Interface* *4- The PIV Transitional Data Model and Interfaces*	--	Current
SP 800-76-1 *Biometric Data Specification for Personal Identity Verification*	--	Current
SP 800-78-1 *Cryptographic Algorithms and Key Sizes for Personal Identity Verification*	--	Current
SP 800-79-1 *Guidelines for the Accreditation of Personal Identity Verification (PIV) Card Issuers (PCI's)*	--	Current
SP 800-85A *PIV Card Application and Middleware Interface Test Guidelines (SP800-73*	--	Current

Technology	Platforms	Technology Classification
compliance)		
SP 800-85B *PIV Data Model Test Guidelines*	--	Current
SP 800-96 *PIV Card to Reader Interoperability Guidelines*	--	Current
SP 800-104 *A Scheme for PIV Visual Card Topography*	--	Current
SP 800-116 *A Recommendation for the Use of PIV Credentials in Physical Access Control Systems (PACS)*	--	Current

CONTAIN

(These technologies no longer meet the requirements of the current architecture and are not recommended for use. They will be phased out over time. No date has been set for their discontinuance.)

Technology	Platforms	Technology Classification
N/A	--	Contain

RETIRE

(These technologies are being phased out. Plans should be developed for their replacement, especially if there is risk involved, such as lack of vendor support. A date for retirement has been set.)

Technology	Platforms	Technology Classification
N/A	--	Retire by mm/dd/yy

EMERGING / RESEARCH

(Emerging technologies have the potential to become current standards. At the present time, they should be used only in pilot or test environments where they can be evaluated. Use of these technologies is restricted to a limited production mode, and requires approval of a waiver request. Research technologies are less widely accepted and it is too early to determine if they will become a standard.)

Technology	Platforms	Technology Classification
SP 800-85A-1 *DRAFT PIV Card Application and Middleware Interface Test Guidelines (SP800-73 compliance)*	--	Emerging / Research

Publication Version Control

It is the user's responsibility to ensure they have the latest version of this publication. Questions regarding this publication are to be directed to RA-itcentral@pa.gov.

This chart contains a history of this publication's revisions:

Version	Date	Purpose of Revision
Original	6/22/2009	Base Policy
	4/2/2014	ITP Refresh