U.S. Department of Commerce U.S. Patent and Trademark Office



Privacy Impact Assessment for the **Executive Document Management System Cloud (EDMS-C)**

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■ Concurrence of Senior Agency Official for Privacy/DOC Chief Privacy Officer

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7/1/2025

U.S. Department of Commerce Privacy Impact Assessment USPTO Executive Document Management System Cloud (EDMS-C)

Unique Project Identifier: PTOC-042-00

Introduction: System Description

Provide a brief description of the information system.

The Executive Document Management System Cloud (EDMS-C) is an application information system, used by the Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office (USPTO) to receive and respond to a wide range of official correspondence, by electronically capturing, routing, and tracking both incoming and response documents, thereby improving workflow. EDMS-C also serves as an electronic repository of documents such as Action Decision Memoranda, Congressional Inquiries, Federal Registry Notices, Delegations of Authority, Public Advisory Committee (PAC) Nomination Process, and General Letters to the Agency. EDMS-C also records the status of all actions taken on official correspondence and creates immediate activity reporting and provides users a graphical user interface via a Web browser.

Address the following elements:

(a) Whether it is a general support system, major application, or other type of system

EDMS-C is a general support system.

(b) System location

Cloud based services platform hosted by Leidos Digital Solutions, Inc in Ashburn, Virginia.

(c) Whether it is a standalone system or interconnects with other systems (identifying and describing any other systems to which it interconnects)

EDMS-C interconnects with:

Enterprise Software Services (ESS) - ESS provides Enterprise Directory Services, Role-Based Access Control System, Email as a Service, PTO Exchange Services, Symantec Endpoint Protection, Enterprise SharePoint Services, etc.

Security and Compliance Services (SCS) - SCS provides a centralized command and control console with integrated enterprise log management, security information and event management,

network behavior analysis, and reporting through the collection of events, network/application flow data, vulnerability data, and identity information.

ICAM-IDAAS Service (ICAM) - Identity as a Service (IDaaS) is an Identity and Access Management (IAM) solution delivered in the form of a cloud-based service hosted and managed by a trusted third party. CAM-IDAAS serves the USPTO enterprise and has been designated as a system-specific Common Control.

MyUSPTO Cloud: A collection of communication and customer relationship-focused solutions that provides secure and accessible electronic 'front doors' to the USPTO enabling the public and staff to easily connect to Patent and Trademark content & tools, exchange information, and improve customer and employee experiences.

(d) The way the system operates to achieve the purpose(s) identified in Section 4

The system operates by generating actions, tracking the status of actions, recording data, and improving the use of automated tools to schedule, manage and monitor follow up of information and documents among staff.

(e) How information in the system is retrieved by the user

USPTO users have access to the EDMS-C system through a web interface that utilizes Single Sign on (SSO). The access level defines if they have access to the PII information. When an attachment is either created or requested, EDMS-C waits for the file to be modified on the user's workstation. If it is changed, the system asks the user if the updated version should be sent back to the server. The file is easily uploaded without further user intervention.

(f) How information is transmitted to and from the system

Information is gathered from the public users and access by internal users using an interface secured by Hypertext Transfer Protocol (HTTP) forwarded to HTTPS to which requests receive responses in the form of Hypertext Markup Language (HTML) pages that are sent back to the user for display in a Web browser.

(g) Any information sharing

No.

(h) The specific programmatic authorities (statutes or Executive Orders) for collecting, maintaining, using, and disseminating the information

44 USC 3101, the America Invents Act, and 35 USC Chapter 1

(i)	The Federal Information Processing Standards (FIPS) 199 security impact category for the	e
	ystem	

Moderate.

S

Section 1: Stat	tus of the Inform	atior	System			
1.1 Indicate	whether the info	rmati	on system is a new o	r exis	sting system.	
☐ This is a	new information	syste	m.			
\Box This is an existing information system with changes that create new privacy risks. (Check						
all that apply.)						
Changes T	hat Create New Pri	ivacv	Risks (CTCNPR)			$\overline{}$
a. Conver			d. Significant Merging		g. New Interagency Uses	
Anonyr			e. New Public Access		h. Internal Flow or Collection	
c. Significa Manage	nt System ment Changes		f. Commercial Sources		i. Alteration in Character of Data	
		ew pri	vacy risks (specify):			
⊠ This is an	and there is not a SAOP approved Privacy Impact Assessment. ☐ This is an existing information system in which changes do not create new privacy risks, and there is a SAOP approved Privacy Impact Assessment.					
Section 2: Info	rmation in the S	Systei	n			
	1		fiable information (PI or disseminated. <i>(Ch</i>	/	siness identifiable inform all that apply.)	ation
Identifying Nu						
a. Social Secu	' '		Oriver's License		j. Financial Account	
b. Taxpayer II	D \square	g. I	Passport		k. Financial Transaction	
c. Employer I	D \square	h. /	Alien Registration		l. Vehicle Identifier	
d. Employee I	D 🗆	i.	Credit Card		m. Medical Record	
e. File/Case ID						
	Tying numbers (spec not collect any Iden		g Numbers			

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AN: 05192510545633

*Explanation for the business need to collect, maintain, or disseminate the Social Security number, including truncated form:						
General Personal Data (GP	(D)					
a. Name	D)	h. Date of Birth		0.	Financial Information	П
b. Maiden Name		i. Place of Birth			Medical Information	
c. Alias		j. Home Address		•	Military Service	
d. Gender		k. Telephone Number	\boxtimes		Criminal Record	
e. Age		l. Email Address	\boxtimes	s.	Marital Status	
f. Race/Ethnicity		m. Education	\boxtimes	t.	Mother's Maiden Name	
g. Citizenship		n. Religion				
u. Other general personal da	ıta (sp	ecify):				
W I D I (ID ((WDD)						
Work-Related Data (WRD) a. Occupation		e. Work Email Address	\boxtimes	i.	Business Associates	\boxtimes
b. Job Title		f. Salary		j.	Proprietary or Business	
		•			Information	
c. Work Address	\boxtimes	g. Work History	\boxtimes	k.	Procurement/contracting records	
d. Work Telephone Number		h. Employment Performance Ratings or other Performance Information				
l. Other work-related data	(specif					
Distinguishing Features/Bio	motri	ice (DFR)				
a. Fingerprints		f. Scars, Marks, Tattoos		k.	Signatures	П
b. Palm Prints		g. Hair Color			Vascular Scans	
c. Voice/Audio Recording		h. Eye Color			DNA Sample or Profile	
d. Video Recording		i. Height			Retina/Iris Scans	H
e. Photographs		j. Weight			Dental Profile	
p. Other distinguishing feat	ures/b	0				
F		(-F				
System Administration/Aud	lit Dat				ID E'I A 1	
a. User ID		c. Date/Time of Access	\boxtimes	e.	ID Files Accessed	\boxtimes
b. IP Address		f. Queries Run		f.	Contents of Files	
g. Other system administra	tion/a	udit data (specify):				
Other Information (specify)				_	

4

		Hard Copy: Mail/Fax		Online
Геlephone		Email	+	
Other (specify):		1		
Government Sources				
Within the Bureau		Other DOC Bureaus		Other Federal Agencies
State, Local, Tribal		Foreign		
Other (specify):		1		
Non-government Sou	irces			
Public Organizations		Private Sector		Commercial Data Brokers
Third Party Website or	r Application	1		
Other (specify):				
		y of the information in the	ne syste	m is ensured.
Describe how th				g system. USPTO impleme

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Yes, the information is covered by the Paperwork Reduction Act.

No, the information is not covered by the Paperwork Reduction Act.

Provide the OMB control number and the agency number for the collection.

 \boxtimes

Technologies Used Containing PII/BII No	t Previou		
Smart Cards		Biometrics	
Caller-ID		Personal Identity Verification (PIV) Cards	
Other (specify):			
☐ There are not any technologies used that	t contain F	PII/BII in ways that have not been previously deploy	/e
ection 3: System Supported Activities 1 Indicate IT system supported activ		ch raise privacy risks/concerns. (Check all	+l
apply.)	nues win	en raise privacy risks/concerns. (Check du	ı,
Activities		<u>, </u>	
Audio magandings		Duilding ontary mondans	_
Audio recordings Video surveillance Other (specify): Click or tap here to enter t	ext.	Building entry readers Electronic purchase transactions	_ •
Video surveillance	ext.	Electronic purchase transactions	_ •
Video surveillance Other (specify): Click or tap here to enter t ☑ There are not any IT system supporte ection 4: Purpose of the System Indicate why the PII/BII in the IT s (Check all that apply.)	ext.	Electronic purchase transactions	ate
Video surveillance Other (specify): Click or tap here to enter t ☑ There are not any IT system supporte ection 4: Purpose of the System .1 Indicate why the PII/BII in the IT s (Check all that apply.) Purpose	ext. d activitie	Electronic purchase transactions es which raise privacy risks/concerns. being collected, maintained, or dissemina	ate
Video surveillance Other (specify): Click or tap here to enter t ☐ There are not any IT system supporte ☐ Indicate why the PII/BII in the IT s (Check all that apply.) Purpose For a Computer Matching Program	ext. d activitie	Electronic purchase transactions es which raise privacy risks/concerns. being collected, maintained, or disseminate of the programs of the programs of the purchase transactions.	ato
Other (specify): Click or tap here to enter t ☐ There are not any IT system supporte ☐ Indicate why the PII/BII in the IT s (Check all that apply.) Purpose For a Computer Matching Program For administrative matters	ext. d activitie	Electronic purchase transactions es which raise privacy risks/concerns. being collected, maintained, or disseminate of the properties of	ato
Video surveillance Other (specify): Click or tap here to enter t ☑ There are not any IT system supporte ection 4: Purpose of the System 1 Indicate why the PII/BII in the IT s (Check all that apply.) Purpose For a Computer Matching Program For administrative matters For litigation	ext. d activities ystem is	Electronic purchase transactions es which raise privacy risks/concerns. being collected, maintained, or disseminate of the properties of	ate
Other (specify): Click or tap here to enter t □ There are not any IT system supporte ection 4: Purpose of the System 1 Indicate why the PII/BII in the IT s (Check all that apply.) Purpose For a Computer Matching Program For administrative matters	ext. d activitie	Electronic purchase transactions es which raise privacy risks/concerns. being collected, maintained, or disseminate of the properties of	ate

2.5 Indicate the technologies used that contain PII/BII in ways that have not been previously

Section 5: Use of the Information

5.1 In the context of functional areas (business processes, missions, operations, etc.) supported by the IT system, describe how the PII/BII that is collected, maintained, or disseminated will be used. Indicate if the PII/BII identified in Section 2.1 of this document is in reference to a federal employee/contractor, member of the public, foreign national, visitor or other (specify).

The PII collected is to identify potential nominees (from the general public) for the Public Advisory Committees as part of the American Inventors Protection Act of 1999.

5.2 Describe any potential threats to privacy, such as insider threat, as a result of the bureau's/operating unit's use of the information, and controls that the bureau/operating unit has put into place to ensure that the information is handled, retained, and disposed appropriately. (For example: mandatory training for system users regarding appropriate handling of information, automatic purging of information in accordance with the retention schedule, etc.)

To access EDMS-C for submission and reviewing of data, the business unit management responsible for the user must submit a request for access that must be approved by the Lead Executive Correspondence Specialist (ECS) within the Office of the Under Secretary and Director. USPTO has also identified and evaluated potential threats to PII such as insider threats and adversarial entities which may cause a loss of confidentiality, accessibility and integrity of information. Users are provided one-on-one, weekly, and monthly training. All users have access restriction or permissions based on the built-in security controls of the system. Furthermore, the system has the ability to password protect any sensitive data for added protection. Data retention is managed automatically using IQ Archivist in accordance with records management retention policy. System access to PII data is limited to a restricted set of users.

NIST security controls are in place to ensure that information is handled, retained, and disposed of appropriately. For example, advanced encryption is used to secure the data both during transmission and while stored at rest. Access to individual's PII is controlled through the application and all personnel who access the data must first authenticate to the system at which time an audit trail is generated when the database is accessed. USPTO requires annual security role based training and annual mandatory security awareness procedure training for all employees. All offices adhere to the USPTO Records Management Office's Comprehensive Records Schedule or the General Records Schedule and the corresponding disposition authorities or citations.

Section 6: Information Sharing and Access

6.1 Indicate with whom the bureau intends to share the PII/BII in the IT system and how the PII/BII will be shared. (*Check all that apply.*)¹

Paginiant	Hov	v Information will be S	Shared			
Recipient	Case-by-Case	Bulk Transfer	Direct Access			
Within the bureau	\boxtimes					
DOC bureaus						
Federal agencies						
State, local, tribal gov't agencies						
Public						
Private sector						
Foreign governments						
Foreign entities						
Other (specify):						
The PII/BII in the system will not be	shared.					
6.2 Does the DOC bureau/operating unit place a limitation on re-dissemination of PII/BII shared with external agencies/entities?						
Yes, the external agency/entity is required to verify with the DOC bureau/operating unit before redissemination of PII/BII.						
dissemination of PII/BII.						
No, the bureau/operating unit does no	ot share PH/BH with	external agencies/ent	ities.			

¹ EDMS-C purpose is to keep an electronic record of data. Once submitted in to the system, the information is not disseminated outside the agency. In case-by-case situations, the information is shared through direct USPTO courier service and delivered to responsible party at DOC or electronically.

	systems authorized to process PII ar	nd/or E	BII.				
\boxtimes	process PII and/or BII.		formation from another IT system(s) authorized ne technical controls which prevent PII/BII leaka				
	ESS SCS						
	NIST security controls are in place to ensure that information is handled, retained, ar disposed of appropriately. For example, advanced encryption is used to secure the da both during transmission and while stored at rest. Access to individual's PII is controlled through the application and all personnel who access the data must first authenticate to the system at which time an audit trail is generated when the database accessed. USPTO requires annual security role based training and annual mandator security awareness procedure training for all employees. All offices adhere to the USPTO Records Management Office's Comprehensive Records Schedule or the General Records Schedule and the corresponding disposition authorities or citations						
	process PII and/or BII.)1 10001,	ve information from a nother IT system(s) authorize	u io			
	all that apply.)						
Clas	ss of Users eral Public		Government Employees				
Clas Gene			Government Employees	\boxtimes			
Clas Gene Cont	era l Public		Government Employees	\boxtimes			
Clas Gene Cont Othe	eral Public tractors er (specify): on 7: Notice and Consent	notifi	ed if their PII/BII is collected, maintained				
Clas Gene Cont Othe	eral Public tractors er (specify): on 7: Notice and Consent Indicate whether individuals will be disseminated by the system. (Check Yes, notice is provided pursuant to a sys discussed in Section 9.	notifick all the	ed if their PII/BII is collected, maintained at apply.) records notice published in the Federal Register :	, or			
Clas Gene Cont Othe Sectio	eral Public tractors er (specify): on 7: Notice and Consent Indicate whether individuals will be disseminated by the system. (Check Yes, notice is provided pursuant to a sys discussed in Section 9. Yes, notice is provided by a Privacy Act st and/or privacy policy can be found at:	notifick all the stem of https://	ed if their PII/BII is collected, maintained pat apply.) records notice published in the Federal Register at and/or privacy policy. The Privacy Act statem www.uspto.gov/privacy-policy	, or			
Clas Gene Cont Othe	eral Public tractors er (specify): on 7: Notice and Consent Indicate whether individuals will be disseminated by the system. (Check Yes, notice is provided pursuant to a sys discussed in Section 9. Yes, notice is provided by a Privacy Act st and/or privacy policy can be found at:	notifick all the	ed if their PII/BII is collected, maintained pat apply.) records notice published in the Federal Register at and/or privacy policy. The Privacy Act statem www.uspto.gov/privacy-policy	, or			

Indicate whether the IT system connects with or receives information from any other IT

6.3

7 ~	1 T 1' 4 1 41 11	• 1• • 1 1 1	4 .	1 1' 4 '1 DII/DII
,	' Indicate whether and h	w individiiale have an	Onnorthing to a	decline to provide PH/BH
7.2	indicate whether and in	w marriagas nave an	. Obboliumity to t	decline to provide PII/BII.
			- F F	· · · · · · · F - · · · · · ·

\boxtimes	Yes, individuals have an opportunity to decline to provide PII/BII.	Specify how: The PAC nomination forms are voluntary. The information is required in order to be nominated.
	No, individuals do not have an opportunity to decline to provide PII/BII.	Specify why not:

7.3 Indicate whether and how individuals have an opportunity to consent to particular uses of their PII/BII.

	Yes, individuals have an opportunity to consent to particular uses of their PII/BII.	Specify how:
\boxtimes	No, individuals do not have an opportunity to consent to particular uses of their PII/BII.	Specify why not: Usage of PII/BII collected is solely for PAC nominations. No other usage is authorized with this data set

7.4 Indicate whether and how individuals have an opportunity to review/update PII/BII pertaining to them.

Yes, individuals have an opportunity to review/update PII/BII pertaining to	Specify how:
them.	
No, individuals do not have an opportunity to review/update PII/BII pertaining to them.	Specify why not: Individuals do not have an opportunity to review/update their information within this system but individuals can submit their information and have the ability to correct it with updates through the office of the Undersecretary

Section 8: Administrative and Technological Controls

8.1 Indicate the administrative and technological controls for the system. *(Check all that apply.)*

\boxtimes	All users signed a confidentiality agreement or non-disclosure agreement.
\boxtimes	All users are subject to a Code of Conduct that includes the requirement for confidentiality.
\boxtimes	Staff (employees and contractors) received training on privacy and confidentiality policies and practices.
\boxtimes	Access to the PII/BII is restricted to authorized personnel only.
\boxtimes	Access to the PII/BII is being monitored, tracked, or recorded. Explanation: Audit logs
\boxtimes	The information is secured in accordance with the Federal Information Security Modernization Act (FISMA) requirements. Provide date of most recent Assessment and Authorization (A&A): 9/3/2024 This is a new system. The A&A date will be provided when the A&A package is approved.
\boxtimes	The Federal Information Processing Standard (FIPS) 199 security impact category for this system is a moderate or higher.

	NIST Special Publication (SP) 800-122 and NIST SP 800-53 Revision 5 Appendix J recommended security controls for protecting PII/BII are in place and functioning as intended; or have an approved Plan of Action and Milestones (POA&M).
\boxtimes	A security assessment report has been reviewed for the information system and it has been determined
	that there are no additional privacy risks.
\boxtimes	Contractors that have a ccess to the system are subject to information security provisions in their contracts
	required by DOC policy.
	Contracts with customers establish DOC ownership rights over data including PII/BII.
	Acceptance of liability for exposure of PII/BII is clearly defined in agreements with customers.
	Other (specify):

8.2 Provide a general description of the technologies used to protect PII/BII on the IT system. (*Include data encryption in transit and/or at rest, if applicable*).

Management Controls:

- a) The USPTO uses the Life Cycle review process to ensure that management controls are in place for EDMS-C. During the enhancement of any component, the security controls are reviewed, reevaluated, and updated in the Security Plan. The Security Plans specifically address the management, operational and technical controls that are in place, and planned, during the operation of the enhanced system. Additional management controls include performing national agency checks on all personnel, including contractor staff.
- b) The USPTO uses the Personally Identifiable Data Extracts Policy. This means no extracts of sensitive data may be copied on to portable media without a waiver approved by the DOC CIO.

Operational Controls:

- a) Access to all PII data is for users on PTONet who have verified access to EDMS-C. Additionally, access to PII data is restricted to a small subset of EDMS-C users.
- b) Manual procedures are followed for handling extracted data containing sensitive PII which is physically transported outside of the USPTO premises. In order to remove data extracts containing sensitive PII from USPTO premises, users must:
- 1. Maintain a centralized office log for extracted datasets that contain sensitive PII. This log must include the date the data was extracted and removed from the facilities, a description of the data extracted, the purpose of the extract, the expected date of disposal or return, and the actual date of return or deletion.
- 2. Ensure that any extract which is no longer needed is returned to USPTO premises or securely erased and that this activity is recorded on the log.
- 3. Obtain management concurrence in the log, if an extract aged over 90 days is still required.

- 4. Store all PII data extracts maintained on a USPTO laptop in the encrypted My Documents directory. This includes any sensitive PII data extracts downloaded via the USPTO Virtual Private network (VPN).
- 5. Encrypt and password-protect all sensitive PII data extracts maintained on a portable storage device (such as CD, memory key, flash drive, etc.). Exceptions due to technical limitations must have the approval of the Office Director and alternative protective measures must be in place prior to removal from USPTO premises.

USPTO is using the following compensating controls to protect PII data:

- a) No extracts of sensitive data may be copied on to portable media without a waiver approved by the DOC CIO. The request for a waiver must include specifics as to how the data and device are protected, how long the data will be maintained, and how the data on the device will be deleted when no longer required.
- b) All laptop computers allowed to store sensitive data must have full disk encryption.

5	ectio	<u>on 9</u> : Pr	rivacy Act
9	.1	Is the P	II/BII searchable by a personal identifier (e.g, name or Social Security number)?
		\boxtimes	Yes, the PII/BII is searchable by a personal identifier.
			No, the PII/BII is not searchable by a personal identifier.
9	.2	§ 552a. by an earthe I	whether a system of records is being created under the Privacy Act, 5 U.S.C. (A new system of records notice (SORN) is required if the system is not covered xisting SORN). Privacy Act of 1974, "the term 'system of records' means a group of any records under the control of any agency from which is retrieved by the name of the individual or by some identifying number, symbol, or other identifying particular assigned ridual."
	\boxtimes	Provide DOC/E	is system is covered by an existing system of records notice (SORN). e the SORN name, number, and link. (list all that apply): DEPT 10: Executive Correspondence Files DEPT 11: Candidates for Membership, Members, and Former Members of Department Commerce bry Committees
		Yes, a	SORN has been submitted to the Department for approval on (date).
		No, thi	s system is not a system of records and a SORN is not applicable.

Section 10: Retention of Information

10.1	Indicate whether these records as	re covered l	y an approved records co	ntrol schedule and
	monitored for compliance. (Ch	eck all that	apply.)	
	There is an approved record contro Provide the name of the record con GRS 5.1:020: non-record keeping cop copying to a recordkeeping system or for business use	trol schedule pies of electro otherwise pre	nic records. Temporary. Destro serving, but longer retention is a	
	No, there is not an approved record Provide the stage in which the projection			control schedule:
\boxtimes	Yes, retention is monitored for com	pliance to the	e schedule.	
	No, retention is not monitored for c	ompliance to	the schedule. Provide explana	ation:
10.2	Indicate the disposal method of	the PII/BII	(Check all that apply.)	
	posal			
	redding		Overwriting	
`	gaussing		Deleting	\boxtimes
Oth	ner (specify):			
11.1	on 11: NIST Special Publication Indicate the potential impact that organization if PII were inapproceased Confidentiality Impact Level is a Federal Information Processing	nt could resu priately account the same	alt to the subject individuatessed, used, or disclosed. e, and does not have to be	ls and/or the (The PII the same, as the
\boxtimes	Low—the loss of confidentiality, inte		· ·	ve a limited adverse
	effect on organizational operations, organizational assets, or individuals. Moderate – the loss of confidentiality, integrity, or availability could be expected to have a serious adverse effect on organizational operations, organizational assets, or individuals.			
	High – the loss of confidentiality, in catastrophic adverse effect on orga	ntegrity, or av	ailability could be expected to	have a severe or
11.2	Indicate which factors were used (Check all that apply.)	l to determin	ne the above PII confident	iality impact level.
\boxtimes	Identifiability		ipation, Email, Home Address ai	
\boxtimes	Quantity of PII	Provide exp	y used to identify an individua lanation: only holds generic identificati	
	•	. ,	, ,	

		name, email address, phone number and home/business address. PII records are less than 200 per year.
\boxtimes	Data Field Sensitivity	Provide explanation:
		System does not solicit any sensitive data fields that contain
		identifying numbers and/or dates
	Context of Use	Provide explanation:
_		The data that is stored within EDMS-C is used to identify
		potential nominees for Public Advisory Committees.
\boxtimes	Obligation to Protect Confidentiality	Provide explanation:
		This system is governed by The Privacy Act of 1974, which
		prohibits the disclosure of information from a system of records
		absent of the written consent of the subject individual.
\boxtimes	Access to and Location of PII	Provide explanation:
		Data usage is restricted to a minimal number of EDMS-C users
		within the Office of the Undersecretary.
	Other:	Provide explanation:

Section 12: Analysis

12.1 Identify and evaluate any potential threats to privacy that exist in light of the information collected or the sources from which the information is collected. Also, describe the choices that the bureau/operating unit made with regard to the type or quantity of information collected and the sources providing the information in order to prevent or mitigate threats to privacy. (For example: If a decision was made to collect less data, include a discussion of this decision; if it is necessary to obtain information from sources other than the individual, explain why.)

USPTO has identified and evaluated potential threats to PII such as insider threats and adversarial entities which may cause a loss of confidentiality, accessibility and integrity of information. Based upon USPTO's threat assessment the Agency has implemented baseline security controls to mitigate these risks to information to an acceptable level. USPTO has policies, procedures and training to ensure that employees are aware of their responsibility of protecting PII and the negative impact on the agency if there is loss, misuse, or unauthorized access to or modification of sensitive private information. USPTO requires annual security role-based training and annual mandatory security awareness procedure training for all employees.

12.2 Indicate whether the conduct of this PIA results in any required business process changes.

	Yes, the conduct of this PIA results in required business process changes. Explanation:
\boxtimes	No, the conduct of this PIA does not result in any required business process changes.

12.3 Indicate whether the conduct of this PIA results in any required technology changes.

	Yes, the conduct of this PIA results in required technology changes.
	Explanation:
\boxtimes	No, the conduct of this PIA does not result in any required technology changes.