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



Privacy Impact Assessment for the **USPTO AINS eCase SaaS System (UAECSS)**

Reviewed by: Henry J. Holcombe, Bureau Chief Privacy Officer

\boxtimes	Concurrence of Senior Ages	icy Official for	r Privacy/DOC	Chief Privacy Officer
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□ Non-concurrence of Senior Agency Official for Privacy/DOC Chief Privacy Officer

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U.S. Department of Commerce Privacy Impact Assessment USPTO AINS eCase SaaS System (UAECSS)

Unique Project Identifier: EBPL-LT-03-00

Introduction: System Description

Provide a brief description of the information system.

The United States Patent and Trademark Office (USPTO) AINS eCase SaaS Solutions (UAECSS) platform is a commercial SaaS (Software as a Service) implemented with AINS eCase/FOIAXpress. This SaaS provides for end-to-end processing of Freedom of Information Act (FOIA) and Privacy Act requests and appeals. The system electronically stores, retrieves, and redacts documents for delivery to requesters. UAECSS offers multiple applications, however USPTO's Office of General Counsel (OGC) requires two components: the FOIAXpress application to facilitate the capability to process FOIA requests, support FOIA case management workflow processes, tracking and reporting a wide range of USPTO FOIA processes and the Public Access Link (PAL) to allow the public to submit their requests only via National FOIA Portal (FOIA.gov). The data submitted by the requesters via NFP is automatically uploaded into FOIAXpress. Access to the FOIA records is limited to the authorized FOIA staffs.

Address the following elements:

- (a) Whether it is a general support system, major application, or other type of system UAECSS is a Software as a Service (SaaS).
- (b) System location

UAECSS is a cloud FedRAMP Authorized SaaS located in Gaithersburg, MD.

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

UAECSS interconnects with the following systems:

ICAM-IDaaS ICAM Identity as a Service (ICAM-IDaaS)

The mission of the ICAM-IDaaS is to provide an enterprise authentication and authorization service to all applications/AIS's.

Network and Security Infrastructure System (NSI)

Network and Security Infrastructure System (NSI) is an Infrastructure information system, and provides an aggregate of subsystems that facilitates the communications, secure access, protective services, and network infrastructure support for all USPTO IT applications.

Enterprise Desktop Platform (EDP)

The EDP is an infrastructure information system which provides a standard enterprise-wide environment that manages desktops and laptops running on Windows 10 operating system (OS), providing DISA STIG compliant workstations.

- (d) The way the system operates to achieve the purpose(s) identified in Section 4
 The UAECSS system provides a workflow that tracks and facilitates the processing of FOIA and Privacy Act requests. The system provides a correspondence capability to communicate with requesters and program offices. The system has a document management capability to store, retrieve, redact, and produce document releases.
- (e) How information in the system is retrieved by the user

UAECSS is a web application that allows authorized users to access and view information in the system using a web browser.

- (f) How information is transmitted to and from the system UAECSS users use a web browser to make a Hypertext Transfer Protocol Secure (HTTPS) connection to web application; the system also uses Simple Mail Transfer Protocol (SMTP) to send email correspondence.
- (g) Any information sharing UAECSS does not share information.
- (h) The specific programmatic authorities (statutes or Executive Orders) for collecting, maintaining, using, and disseminating the information
 Freedom of Information Act, 5 U.S.C. 552; Privacy Act of 1974 as amended, 5 U.S.C. 552a; 5 U.S.C. 301, and 44 U.S.C. 3101.
- (i) The Federal Information Processing Standards (FIPS) 199 security impact category for the system

 Moderate

Section 1: Status of the Information System

Changes That Create New Privacy Risks (CTCNPR)

1.1	Indicate whether the information system is a new or existing system.	
	☐ This is a new information system.	
	☐ This is an existing information system with changes that create new privacy risks. <i>all that apply.)</i>	(Check

g. New Interagency Uses

h. Internal Flow or

Collection

c. Significant System Management Changes			f. Commercial Sources		i. Alteration in Character of Data	
j. Other changes that cre		v priva	cy risks (specify):	1	l	
This is an existing inf	ormai	tion e	vetem in which change	e do r	not create new privacy risl	ke
· ·		•	,			къ,
			proved Privacy Impact			1
_			,		not create new privacy ris	KS,
and there is a SA	OP aj	pprov	ed Privacy Impact As	sessm	ent.	
Section 2: Information in	the S	vstem	1			
. Information in	the S	ystem	•			
2.1 Indicate what person	nally i	denti	fiable information (PII)/busi	ness identifiable informat	ion
(BII) is collected, m	aintai	ned, c	or disseminated. (Che	ck all	that apply.)	
Identifying Numbers (IN)						
a. Social Security*	\boxtimes	f. I	Oriver's License	\boxtimes	j. Financial Account	\boxtimes
b. TaxpayerID	\boxtimes	g. P	assport		k. Financial Transaction	\boxtimes
c. EmployerID	\boxtimes	h. A	Alien Registration		1. Vehicle Identifier	
d. Employee ID	\boxtimes	i. (Credit Card	\boxtimes	m. MedicalRecord	\boxtimes
e. File/Case ID	\boxtimes					
n. Other identifying numbers (specify):						
*Explanation for the business	needto	collec	et maintain ordisseminate	the So	cial Security number includin	σ
truncated form:						
PII/BII may be incidentally co						rch
requests of agency record but	sucnce	ontent	is redacted before sending	gto the	requester.	
General Personal Data (GPI))					
a. Name	\boxtimes		ate of Birth	\boxtimes	o. Financial Information	\boxtimes
b. Maiden Name			ace of Birth	\boxtimes	p. Medical Information	\boxtimes
c. Alias	\boxtimes	٥	ome Address	\boxtimes	q. Military Service	\boxtimes
d. Gender	\boxtimes		elephone Number	\boxtimes	r. CriminalRecord	
e. Age	\boxtimes		mail Address	\boxtimes	s. MaritalStatus	
f. Race/Ethnicity	\boxtimes		ducation	\boxtimes	t. Mother's Maiden Name	
g. Citizenship	\boxtimes		eligion			
u. Other general personal dat				14	from EOLA on Driver and Ast	
PII/BII may be incidentally corequests of agency records.	nected	ı and n	namamean documents a s a	ı result	IromFOIA or Privacy Act sea	ren
Tables of agency records.						
Work-Related Data (WRD)						

d. Significant Merging

e. New Public Access

a. Conversions

b. Anonymous to Non-

Anonymous

0 4:		W 1 F 7 A 1 1		I : D : A : 4	
a. Occupation	\boxtimes	e. Work Email Address	\boxtimes	i. Business Associates	
b. Job Title		f. Salary	\boxtimes	j. Proprietary or Business Information	\boxtimes
c. Work Address	\boxtimes	g. Work History	\boxtimes	k. Procurement/contracting records	\boxtimes
d. Work Telephone Number		h. Employment Performance Ratings or other Performance Information			
1. Other work-related data (s PII/BII may be incidentally correquests of a gency records.		r): d andmaintained in documents as a	a result	t from FOIA or Privacy Act sea	rch
Distinguishing Features/Bio	motrio	s (DFR)			
a. Fingerprints		f. Scars, Marks, Tattoos		k. Signatures	\boxtimes
b. Palm Prints		g. HairColor		Vascular Scans	
c. Voice/Audio Recording		h. Eye Color		m. DNA Sample or Profile	
d. Video Recording		i. Height		n. Retina/Iris Scans	
e. Photographs		j. Weight		o. Dental Profile	片
	سه مراه نه	"	Ш	o. Dentalitorie	
p. Other distinguishing feat	1103/010	oneties (speeny).			
C4 A J:	4 D - 4 -	- (CAAD)			
System Administration/Aud a. User ID		c. Date/Time of Access	\boxtimes	e. IDFiles Accessed	
b. IP Address		f. Queries Run		f. Contents of Files	片
	ion/aud	`	Ш	1. Contents of thes	
g. Other system a dministrati	ion/auc	in data (specify).			
requests of a gency records. T	his cor	d and maintained in documents as ntent is redacted before sending to e PII/BII belongs to the individua	o the re	equesterandexempt from	rch
2 Indicate sources of the	e PII/	BII in the system. (Check of	all the	at apply.)	
Directly from Individual abo	out Wh	hom the Information Pertains			
In Person		Hard Copy: Mail/Fax	\boxtimes	Online	\boxtimes
Telephone		Email	\boxtimes		
Other (specify):				I	
Government Sources					
Within the Bureau	∇	Other DOC Bureaus		Other Federal Agencies	

State, Local, Tribal		Foreign						
Other (specify):		<u> </u>						
NI 40								
Non-government Sources Public Organizations		Private Sector			Commercial Data Brokers			
Third Party Website or Application								
Other (specify):								
Other (speerly).								
.3 Describe how the accuracy of the information in the system is ensured. From an administrative perspective, the UAECSS application has administrative and support staff that function as points of contact for customers whereby customers may directly contact for the administration of information accuracy. USPTO and CSP implement security and management controls to prevent the inappropriate disclosure of sensitive information. Security controls are employed to ensure information is resistant to tampering, remains confidential as necessary, and is available as intended by the agency and received by authorized users alone. Management controls are utilized to prevent the inappropriate disclosure of sensitive information. In addition, the Perimeter Network (NSI) and EMSO								
provide additional autom PII/BII information is pro	ated to tecte	ransmission and d and not breach	monitoring ed by exter	g mec mal ei	hanisms to ensure that ntities.			
	Yes, the information is covered by the Paperwork Reduction Act. Provide the OMB control number and the a gency number for the collection.							
No, the information is n	ot cov	ered by the Paperwo	ork Reduction	ı Act.				
7.5 Indicate the technologies used that contain PII/BII in ways that have not been previously deployed. (Check all that apply.) Technologies Used Containing PII/BII Not Previously Deployed (TUCPBNPD) Smart Cards Biometrics Caller-ID Personal Identity Verification (PIV) Cards								
Other (specify):	- نہ داد	averalth et a ent :- T	II/DII :	vo 41a c 4	have not been previously deployed			

Section 3: System Supported Activities

3.1	Indicate IT system supported activities which raise privacy risks/concerns.	(Check all that
	apply.)	

tronic purchase transactions
)

☐ There are not any IT system supported activities which raise privacy risks/concerns.

Section 4: Purpose of the System

4.1 Indicate why the PII/BII in the IT system is being collected, maintained, or disseminated. (*Check all that apply.*)

Purpose			
For a Computer Matching Program		For a dministering human resources programs	
For administrative matters	\boxtimes	To promote information sharing initia tives	\boxtimes
For litigation		For criminal law enforcement activities	
For civil enforcement activities		For intelligence activities	
To improve Federal services online		For employee or customer satisfaction	\boxtimes
For web measurement and customization technologies (single-session)		For web measurement and customization technologies (multi-session)	
Other (specify):			

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/BII in the system is in reference to members of the public, PTO employees and contractors. The individual FOIA/PA requester (name, address, email, and phone) is used for the purpose of corresponding with the requester. During the course of a FOIA/PA request search, PII/BII may be incidentally collected from agency records. PII/BII is digitally redacted, manually redacted, withheld, and/or deleted. The information collected from agency records (as part of the FOIA/PA requests) may be judiciously disseminated as required by law. General routine uses are defined in the System of Records Notice COMMERCE/DEPT-5 for Freedom of Information Act and Privacy Act Request Records. The system encompasses all individuals (public, federal employee/contractor, etc.) who submit FOIA and Privacy Act requests.

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.)

Foreign entities, adversarial entities and insider threats are the threats to privacy within this system. Inadvertent private information exposure is a risk and USPTO has policies, procedures, and training to ensure that employees are aware of their responsibility of protecting sensitive information and the negative impact to the agency if there is a loss, misuse, or unauthorized access to or modification of sensitive private information. USPTO requires Annual Security Awareness Training for all employees as well as policies and procedures documented in the Cybersecurity Baseline Policy. 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.

USPTO relies on FedRAMP Authorized AINS eCase SaaS, located in Equinix data center, to manage the cloud infrastructure including the network, data storage, system resources, data centers, security, reliability, and supporting hardware and software.

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.*)

Recipient	How Information will be Shared				
Recipient	Case-by-Case	Bulk Transfer	Direct Access		
Within the bureau	\boxtimes				
DOC bureaus	\boxtimes				
Federalagencies	\boxtimes				
State, local, tribal gov't agencies	\boxtimes				

Publi	Public						
Priva	te sector	\boxtimes					
Forei	gn governments						
	gn entities						
Othe	r(specify):						
	The PII/BII in the system will not be shared.						
	Does the DOC bureau/operating unit place a limitation on re-dissemination of PII/BII shared with external agencies/entities?						
	Yes, the external a gency/entity is required to verify with the DOC bureau/operating unit before redissemination of PII/BII.						
\boxtimes	No, the external a gency/entity is not requissemination of PII/BII.		•	ng unit before re-			
	No, the bureau/operating unit does not s	share PII/BII with exte	ernal a gencies/entities.				
\boxtimes	Yes, this IT system connects with or receives information from a nother IT system(s) a uthorized to process PII and/or BII. Provide the name of the IT system and describe the technical controls which prevent PII/BII leakage:						
• ESS The servers storing the potential PII are located in a highly sensitive zone within the USPTO internal network and logical access is segregated with network firewalls and switches through an Access Control list that limits access to only a few approved authorized accounts. USPTO monitors in real-time all activities and events within the servers storing the potential PII data and a subset of USPTO Cyber security personnel review audit logs received on a regular bases and alert the information System Security Officer (ISSO) and/or the appropriate personnel when inappropriate or unusual activity is identified. Access is restricted on a "need to know" basis. Active Directory security groups are utilized to segregate users in accordance with their job functions.							
	USPTO relies on FedRAMP Authorized AINS eCase SaaS, located in Equinix data center, to manage the cloud infrastructure including the network, data storage, system resources, data centers, security, reliability, and supporting hardware and software. No, this IT system does not connect with or receive information from another IT system(s) authorized to						

Class of Users

Identify the class of users who will have access to the IT system and the PII/BII. (Check

6.4

all that apply.)

General Public		Government Employees	\boxtimes
Contractors	\boxtimes		
Other(specify):			

Section 7: Notice and Consent

7.1 Indicate whether individuals will be notified if their PII/BII is collected, maintained, or disseminated by the system. *(Check all that apply.)*

\boxtimes	Yes, notice is provided pursuant to a system of records notice published in the Federal Register and discussed in Section 9.			
\boxtimes	Yes, notice is provided by a Privacy Act statement and/or privacy policy. The Privacy Act statement and/or privacy policy can be found at: https://www.uspto.gov/privacy-policy .			
\boxtimes	Yes, notice is provided by other means.	Specify how: Please see Appendix A: Privacy Act Statement		
	No, notice is not provided.	Specify why not:		

7.2 Indicate whether and how individuals have an opportunity to decline to provide PII/BII.

Yes, individuals have an opportunity to decline to provide PII/BII.	Specify how: Individuals do not need to provide an address if correspondence is done via email. Individuals do not need to provide an email address if correspondence is done via postal mail. Individuals need to provide sufficient information to identify themselves for a Privacy Act request and to be able to receive correspondence.
No, individuals do not have an opportunity to decline to provide PII/BII.	Specify why not: Individuals who seek records from this system of records pertaining to themselves, must submit a request conforming with the Department's Privacy Act regulations set forth in 15 CFR part 4.

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:
No, individuals do not have an opportunity to consent to particular uses of their PII/BII.	Specify why not: Individuals who seek records from this system of records pertaining to themselves, must submit a request conforming with the Department's Privacy Act regulations set forth in 15 CFR part 4. Individuals must first verify their identities,

	meaning that they must provide their full name, current address and date and place of birth. Individuals must sign the request, and their signatures must either be not arized or submitted under 28 U.S.C. 1746, a law that permits statements to be made under perjury as a substitute for
	notarization.

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 them.	USPTO employees and contractors have the opportunity to review and update their personal information online through NFC's Employee Personal Page application orthe Department of Treasury's HR Connect system. Employees may also visit the USPTO's Office of Human Resources (OHR) department for additional assistance. These updates will change the information within Active Directory to update the users' access
	privileges.
No, individuals do not have an opportunity to review/update PII/BII pertaining to them.	Specify why not: The requesters do not have the opportunity to update their PII within the system but they can request that their information be updated via emailor mail.

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 a greement 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 a uthorized personnel only.
\boxtimes	Access to the PII/BII is being monitored, tracked, or recorded. Explanation: Audit Logs
\boxtimes	The information is secured in a ccordance with the Federal Information Security Modernization Act (FISMA) requirements. Provide date of most recent Assessment and Authorization (A&A): 5/15/2023 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.
\boxtimes	NIST Special Publication (SP) 800-122 and NIST SP 800-53 Revision 5 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 a greements 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).
	ind	cuments are reviewed for PII/BII and content is redacted before making it available to the lividual requesters. The system implements encryption (SSL) for data at rest and in transit d authorized users are verified via role-based permissions.
	pla eva ma ope	e USPTO uses the Life Cycle review process to ensure that management controls are in ince. During the enhancement of any component, the security controls are reviewed, realuated, and updated in the Security Plan. The Security Plan specifically addresses the magement, operational, and technical controls that are in place and planned during the eration of the enhanced system. Additional management controls include performing ekground checks on all personnel, including contractor staff.
		Security Categorization compliant with the FIPS 199 and NIST SP 800-60 requirements was inducted for UAECSS and this informs the security controls applied to the system.
<u>Sec</u> 9.1		n9: Privacy Act Is the PII/BII searchable by a personal identifier (e.g, name or Social Security number)?
<i>)</i> .1		Yes, the PII/BII is searchable by a personal identifier.
		□ No, the PII/BII is not searchable by a personal identifier.
9.2		Indicate whether a system of records is being created under the Privacy Act, 5 U.S.C. § 552a. (A new system of records notice (SORN) is required if the system is not covered by an existing SORN). As per the Privacy Act of 1974, "the term 'system of records' means a group of any records under the control of any agency from which information is retrieved by the name of the individual or by some identifying number, symbol, or other identifying particular assigned to the individual."
	\boxtimes	Yes, this system is covered by an existing system of records notice (SORN). Provide the SORN name, number, and link. (list all that apply):
		COMMERCE / DEPT-5 Freedom of Information Act and Privacy Act Request Records
		Yes, a SORN has been submitted to the Department for approval on (date).

	No, this system is not a system of records	anda SO	RN is not applicable.	
<u>Sectio</u>	on 10: Retention of Information			
10.1	Indicate whether these records are co	overed b	by an approved records control schedule a	and
	monitored for compliance. (Check a		• • • • • • • • • • • • • • • • • • • •	
	There is an approved record control sched Provide the name of the record control sch			
	GRS 4.2: Information Access and Protect Items 001: FOIA, Privacy Act, and classif Items 010: General information request Item 020: Access and disclosure request Item 040: Records of accounting for and c MDR	fied docu files files		ıd
	Item 050: Privacy Act accounting of discless Item 065: Privacy complaint files Item 090: Privacy Act a mendment reques		s	
	No, there is not an approved record control Provide the stage in which the project is in		e. ing and submitting a records control schedule:	
\boxtimes	Yes, retention is monitored for compliance	e to the so	chedule.	
	No, retention is not monitored for complia	ince to th	e schedule. Provide explanation:	
10.2	Indicate the disposal method of the F	PII/BII.	(Check all that apply.)	
Disp		1		ī
	dding 	\boxtimes	Overwriting	
<u> </u>	aussing		Deleting	\boxtimes
Othe	er (specify):			
<u>Sectio</u>	on 11: NIST Special Publication 80	0-122 P	PII Confidentiality Impact Level	
	organization if PII were inappropriat Confidentiality Impact Level is not th	tely acco he same	It to the subject individuals and/or the essed, used, or disclosed. (The PII, and does not have to be the same, as the (FIPS) 199 security impact category.)	е
	effect on organizational operations, organ	izationala	ability could be expected to have a limited adversassets, or individuals. a vailability could be expected to have a serious	se

a dverse effect on organizational operations, organizational assets, or individuals.
High – the loss of confidentiality, integrity, or a vailability could be expected to have a severe or catastrophic adverse effect on organizational operations, organizational assets, or individuals.
catastrophic adverse effection organizational operations, organizational assets, or individuals.

11.2 Indicate which factors were used to determine the above PII confidentiality impact level. (Check all that apply.)

	Identifiability	Provide explanation: UAECSS collects, maintains, or disseminates PII about DOC employees and contractors. The types of information collected, maintained, used or disseminated by the system include name, address, email, and phone. When combined, this data set can be used to identify a particular individual.
	Quantity of PII	Provide explanation: The quantity is limited to the amount and type of requests received by the business unit and is moderate. A serious or substantial number of individuals would be affected by loss, theft, or compromise.
	Data Field Sensitivity	Provide explanation: The combination of name, home address, telephone number, and email address do not make the data fields any more sensitive because they are publicly a vailable information.
\boxtimes	Context of Use	Provide explanation: Data includes name and personal and work name, telephone number and email address as well as user ID and date/time access for purposes of FOIA and Privacy Act requests.
	Obligation to Protect Confidentiality	Provide explanation: USPTO Privacy Policy requires the PII information collected within the system to be protected accordance to NIST SP 800-122, Guide to Protecting the Confidentiality of Personally Identifiable Information. In accordance with the Privacy Act of 1974, PII must be protected.
\boxtimes	Access to and Location of PII	Provide explanation: UAECSS is a web application that allows authorized users to access and view information in the system using a web browser. Access is limited to authorized personnel only, government personnel, and contractors.
	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.)

ma na mi ha	addition to insider threats, activity which may raise privacy concerns include the collection, aintenance, and dissemination of PII in the form of personal and work-related data such as me, telephone number and email address as well as user ID and date/time access. USPTO stigates such threats through mandatory training for system users regarding appropriate and information and automatic purging of information in accordance with the retention hedule.
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.

Attachment A

