

Privacy Impact Assessment for the

ANNUITANT HEALTH BENEFITS OPEN SEASON SYSTEM

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Contact Point

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Reviewing Official

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SECTION 1: Privacy impact Assessment (PIA) SUMMARY INFORMATION

a. Overview

The Annuitant Health Benefits Open Season System (AHBOSS) is a tool used, during the annual Federal Employees Health Benefits Open Season, to support the mission of the Retirement Eligibility and Services, Retirement Benefits Branch. This tool has both a website and Interactive Voice Response (IVR) application that annuitants use to make health benefit enrollment changes and/or to request brochure information for plans participating in the Federal Employees Health Benefits (FEHB) Program during the annual open season enrollment period. The data stored in this application is subject to the Privacy Act. Information collected by this system includes Name, Social Security Number, Mailing Address, Current Health Plan, Claim Number, Date of Birth, Marital Status, Gender, Carrier Control Number, Email Address, and dependent information, if applicable. Web interaction transcripts that may contain some of this data are also stored. Automated email transactions are initiated by the system and are distributed by Leepfrog Technologies, Inc., a contracted vendor. Annuitants use the AHBOSS to initiate their enrollment change for the upcoming year. An annuitant provides his or her identifying information to start the process. Website users enter identifying information once to create a personal account with an annuitant defined user name and masked password. The username and password are also stored by AHBOSS and are used to authenticate users for subsequent web access during the current open season. Both the website and the IVR allow transactions including information requests and enrollment changes for authenticated users. Files containing address and request information is passed to a contracted third party, SourceHOV, for fulfillment. Brochure requests are handled by SourceHOV staff with OPM security clearances that assemble and mail the health benefit carrier plan brochures. Enrollment change requests are stored in AHBOSS during Open Season and are submitted to OPM for updates. Two update enrollment transactions files are electronically sent to OPM. One file is sent to the OPM, Chief Information Officer, Operations Technology Management, Data Center, and the second file is sent to the Human Resources Solutions, Human Resources Management Solutions, Human Resources Tools and Technology. The file transmission to the Data Center updates the retirement legacy system and the file sent to Human Resources Tools and Technology sends the new enrollment information to both the new and old FEHB plan. All transactions processed through this site are encrypted and electronically transmitted to Office of Personnel Management (OPM) daily using encrypted file transmission. The legal authority for maintenance of the system includes the following with any revisions or amendments: Section 3301 and chapters 83, 84, 87, 89 of title 5, United States Code, Pub. L. 83-598, 84-356, 86-724, and 94-455; and Executive Order 9397.

The system modifications from September 2012 include the following:

1. Address Verification Agent: The address verification agent introduces an address validation tool that looks for invalid addresses and converts the addresses into valid, functional United States Postal Service (USPS) addresses, or flags them as invalid. This includes the usage of the annuitant's mailing addresses. The addresses are originally provided by the annuitants.

2. Data Entry Screens: The data entry screens include new Graphical User Interface (GUI) screens that allow the input of family enrollment and direct pay letter information. The

information is considered of moderate sensitivity.

3. Password Management Procedure: This module sends a temporary password to an annuitant who has forgotten their password. The password is sent to the email address on file. The user then accesses the AHBOSS system with the temporary password and is prompted for a new password. After the new password is entered, the temporary password is disabled and the new password becomes active. Sensitive information included in the "Password Management Procedure" is the temporary password.

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Page 3

Mobile Application: The Mobile Application mod GUI interface for smart phone devices. There introduced by this modification.		
b. Why is this PIA being created or updated?	? Choose o	one:
New OPM Information System		New Electronic Collection
⊠ Existing OPM Information System		Existing Electronic Collection
Significantly Modified OPM Information S	ystem	

OPM, AHBOSS

Page 4

c. Does the OPM information system or electronic collection have a Privacy Act System of Records Notice (SORN)?

NOTE: A Privacy Act SORN is required if the information system or electronic collection contains information about U.S. citizens or lawful permanent U.S. residents that is <u>retrieved</u> by name or other unique identifier. PIA and Privacy Act SORN information should be consistent.

⊠ Yes	Enter Privacy Act SORN Number/Name	OPM, Central-1 Civil Service Retirement and Benefits Records.
	or	
☐ No	Date of submission for approval to OPM Consult the Privacy Office for this date.	Privacy Office

- d. Summary of OPM information system or electronic collection. Answers to these questions should be consistent with security guidelines for release of information to the public.
 - (1) Describe the purpose of this OPM information system or electronic collection and briefly describe the types of personal information about individuals collected in the system.

Information is collected to complete health benefit enrollment changes and to send plan brochures based on requests from civil service retirees and survivor annuitants. The enrollment changes are processed to update the annuitants' records in OPM's legacy retirement systems. Web account information is used to authenticate and then grant annuitants access to web functionality. Transactional information, interaction channel and request types with counts, are used to manage staffing and services for program operations. Information collected and used by this system includes Name, Social Security Number, Mailing Address, Health Insurance Plan Information, Claim Number, Data of Birth, and Email Addresses for civil service retirees and their survivors. Upon election, Name, Social Security Number, and Date of Birth is also collected and retained for annuitant spouses, dependents, and legal beneficiaries. For website users, user names and passwords are also collected and maintained for annuitant use during Open Season. Managerial reports tracking request types and volumes for the current season are also generated and provided to OPM. Webmail and web chat communication records are also collected and stored.

The system modification, "Data Entry Screens" includes new GUI screens that allow the input of family enrollment and direct pay letter information.

OPM, AHBOSS

Page 5

(2) Briefly describe the privacy risks associated with the Personally Identifiable Information (PII) collected and how these risks are addressed to safeguard privacy.

The privacy risk from the information sharing is inadvertent/unintentional disclosure of PII and a breach of contractor system. These risks are mitigated by a variety of system security controls including, Access and Account Management, Security and Privacy Awareness Training, Auditing and Audit Review, Information Systems Backups, Incident Response and Incident Response Training, Media Protection, Personnel Security Screenings, Separation of Duties, Least Privilege, Boundary Protection, System Communications Protections, and Interconnection Service Agreements, governing the security requirements for data exchanges. Vangent's management of the system is overseen through authorization assessments of security controls to determine if they are in place and operating as intended, as well as continuous monitoring. Operationally, Vangent personnel are restricted from sensitive information gathered using Access and Account Management, Auditing and Audit Review, Least Privilege, and System Communications Protection controls. In addition, each Vangent contractor is only provided with the minimum data necessary to process health benefit open season enrollment changes. Additional controls on Verizon Business, SourceHOV, and Leepfrog Technologies include System and Services Acquisition Controls, Systems Communications Protections, Boundary Protection, Interconnection Security Agreements, and Personnel Security Screenings.

For the "Data Entry Screens" system modification, sensitive data includes the entry of family enrollment and direct pay letter information.

e. Retention of Information. Does this information system or electronic collection retain information?

⊠ Yes

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Page 6

Info	rmation	Potai	nad
шкч	HIKALIVII	1/6001	1154

Information retained by AHBOSS includes Name, Social Security Number, Mailing Address, Health Insurance Information (plan code and premium amount), Claim Number, Date of Birth, and Email Addresses for civil service retirees and their survivors. Upon election, Name, Social Security Number, and Date of Birth are also retained for annuitant spouses, dependents, and legal beneficiaries. For website users, user name, and password are retained as well as webmail and web chat communication records. The number and type of each transaction by interaction channel (i.e. phone) is also stored.

Time period for retained information

Both AHBOSS health benefit enrollment information and web account information are retained for one year while spouse and/or dependent data gathered is retained from year to year. Paperbased retirement records are retained for 115 years from date of the employee's birth or 30 years after the date of employee's death, if no application for benefits is received as referenced in OPM's Records Handbook 3 Ret.01.

Retention	School	ula N	Jamo
REIGHBUR	ou in incu	uic i	aalii v

Currently	pending.	
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□ No

f. Authority to collect information. A Federal law, Executive Order of the President (EO), or OPM requirement must authorize the collection and maintenance of a system of records.

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Page 7

The legal mechanism that the information technology (IT) system is allowed to share information in identifiable form or personally identifiable information outside of OPM is the System of Records Notice, OPM, Central-1 Civil Service Retirement and Benefits Records.

The legal authority for retirement health benefits includes the following with any revisions or amendments: Section 3301 and chapters 83, 84, 87, 89 of title 5, United States Code, Pub. L. 83–598, 84–356, 86–724, and 94–455; and Executive Order 9397.

g. Information Retrieval. How is the information retrieved? (By name, SSN, etc)

Information about an annuitant can be retrieved by one of the following:					
a. claim numberb. social security numberc. first and last name and mailing address	73				
			ä		
	*				
		100 100 100			
		5	25		

OPM, AHBOSS

Page 8

Within OPM. S			
Program Offices and rom the ABOSS is		PM with which personal an	d benefits information
. Retirement Servi . Chief Information . Human Resource	Officer (CIO), Data Ce	enter and Benefits System esources Tools and Tech	ns; and, nology
participating in the	FEHB Program. The	nt changes is shared with information would be use	the health benefit carrier d in the Chief Informatio made. The purpose is t
nform new and	old carrier for the e	enrollment change and	health benefit premium
nform new and leductions. Other Federal A	disting annuity records old carrier for the e	enrollment change and	health benefit premium
nform new and leductions. Other Federal A	old carrier for the e	enrollment change and	health benefit premium
nform new and leductions. Other Federal A	old carrier for the e	enrollment change and	health benefit premium
nform new and leductions. Other Federal A	old carrier for the e	enrollment change and encies, not systems)	health benefit premium
nform new and deductions. Other Federal A	old carrier for the e	enrollment change and encies, not systems)	health benefit premium

Contractor (enter name and describe the language in the contract that safeguards Pil.)

Specify

OPM, AHBOSS

Page 9

Vangent has access to this information since they are the external organization contracted to manage the AHBOSS applications. Verizon Business is contracted by Vangent to host Vangent IT systems and maintain privileged access to servers that host information. Leepfrog Technologies, Inc. is contracted by Vangent to send emails to annuitants and, therefore, has access to annuitant names and email addresses. Similarly, SourceHOV, Inc. is contracted by Vangent to send mailings and has access to names and street addresses. As a part of OPM's Retirement Information Office contracted customer support, Spherix, Inc. employees also have access to AHBOSS information.

File sharing data between OPM, Vangent, Leepfrog Technologies, Inc., and SourceHOV is outlined in the Interconnection Security Agreements (ISA's) for the AHBOSS. Controls governing this sharing include Access and Account Management, Security and Privacy Awareness Training, Auditing and Audit Review, Personnel Security Screenings, Boundary Protection, and File Encryption. Controls governing Verizon Business hosting include Access and Account Management, Auditing and Audit Review, Personnel Security Screenings, Boundary Protection, System and Services Acquisition Controls, and Least Privilege.

To view the Vangent contract verbiage with OPM, reference Appendix A: Contract Verbiage.

Leep anni	ofrog provides emailing services for annuitants. Source uitants. Verizon provides system administration service	eHOV provides print services fo es.
		*
i. Do	o Individuals have the opportunity to object to the col	llection of their PII?
⊠ γ	<u>_</u>	
(1) If "Yes," describe the method by which individuals can	object to the collection of PII.
ļ	Annuitants may decline to provide the information. The Burden Statements inform annuitants that the requested process health benefit enrollment change request. Ther maintaining the same health benefit plan year to year. Tourrent health benefit carrier, preventing the need for existing the same health benefit carrier.	I information is necessary to re is no penalty for They can elect to keep their

(2) If "No," state the reason why individuals cannot object.

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Page 10

s] No							
if"	es,"	descrik	e the i	nethod	by which	individu	als can g	ive or wit	hhold thei	r conser
nform otific Budgo pppro peen eleara provid collect	nation ation et (ON val nu attach ince p led.	and w banne //B) ha umber ned. T process This is nd they	arns w r. Ann s appro for the he IVR s. The sufficie / can c	ebmail a uitants a oved the website OMB a Privacy ent since hoose w	and web are also i collection is 3206- pproval in Act and entitinform	chat use informed on of info 0201 an umber f Public B as the pu	rs not to that Office rmation and a screet or the IVI urden St.	disclose ce of Mar and the a- n shot of ciscurre atements by the info	o collectin PII through agement a ssociated the scree ntly in the are also armation is an open s	h a and OMB n has
elec	tion of	f health	n benef	its. By	providing	e of assi informa gle purp	tion, ann	uitants in uitants ar	the annu e express	al ing
oste Issoc Provid	d at the lated ling th	ne AHE to indi ne Priv	BOSS viduals acy Ac	vebsite being ເ t and Pເ	and also inaware iblic Bur	provided of the da	d prior to ta collect ements, e	IVR data tion are n establishe	e numbers collection nitigated b ed SORN,	ı. Risks Y
										

k. What information is provided to an individual when asked to provide PII data? Indicate all that apply. When collecting information from an individual, either in a paper or electronic collection, individuals have a right to understand the authority, purpose, routine uses that apply and the effects on the individual.

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Page 11

	Privacy Advisory
\boxtimes	Other
	None
	Describe each applicable format.
	The Privacy Act and Public Burden Statements and OMB clearance numbers are posted at the AHBOSS website and also provided prior to IVR data collection. Risks associated to individuals being unaware of the data collection are mitigated by providing the Privacy Act and Public Burden Statements, established SORN, and the OMB clearance number authorizing the collection and its usage.

SECTION 2: PIA QUESTIONNAIRE and RISK REVIEW

- a. For the questions in subparagraphs 2.a.(1) through 2.a.(5), indicate what PII (a data element alone or in combination that can uniquely identify an individual) will be collected and describe the source, collection method, purpose, and intended use of the PII.
 - (1) What PII will be collected? Indicate all individual PII or PII groupings that apply in the table below.

	Non-Sensitive Pil	
⊠Name	Other Names Used	☐Marital Status
☐Work Cell Telephone Number	☐Work Telephone Number	☐Work Email Address
☐Emergency Contact	Salary	Figure 1
	Sensitive PII	
⊠Social Security Number (SSN)	☐Truncated SSN	☐Driver's License
Personal Cell Telephone Number	☐Home Telephone Number	Other Identification (ID)
*		Number
☐Citizenship	☐Legal Status	☐Gender
☐Race/Ethnicity	⊠Birth Date	☐Place of Birth
☐Mother's Maiden Name	☐Mother's Middle Name	Security Clearance
⊠Personal Email Address	☑Mailing/Home Address	☐Spouse Information
☐Financial Information	☐Medical Information	☐Biometrics
☐Law Enforcement Information	☐Employment Information	☐Disability Information
☐Child Information	☐Education Information	☐Military Records
		⊠Other
If "Other," specify or explain any I Health Insurance Plan Informa web chat communication reco	ation, Claim Number, username	es, passwords, webmail,
2		

OPM, AHBOSS

Page 13

(2) What is the source for the PII collected (e.g., individual, existing OPM information
systems, other Federal information systems or databases, commercial systems)?

Describe. Information for the AHBOSS is provided via a data file electronic transmission from OPM. Information is also gathered from annuitants. Management reports are also generated for OPM Retirement Services. These reports provide metrics to track the number of requests as well as type of health benefit open season request. For the system modification, "Data Entry Screens" (Sept. 2012), the source of information collected is from the annuitants. How will the information be collected? Indicate all that apply. Face-to-Face Contact Paper Format ☐ Fax Note: Email is collected through webmail. (3) Why are you collecting the PII selected (e.g., verification, identification, authentication, data matching)? Describe Information is collected to support the mission of administering the FEHB program

for civil service annuitants in accordance with Section 3301 and chapters 83, 84, 87, 89 of title 5, United States Code, Pub. L. 83–598, 84–356, 86–724, and 94–455; and Executive Order 9397.

(4) What is the intended use of the PII collected (e.g., mission-related use, administrative use)?

Describe

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OPM, AHBOSS Page 14

Information is collected to complete health benefit enrollment changes and to send plan brochures based on requests from civil service retirees and survivor annuitants. The enrollment changes are processed to update the annuitants' records in OPM's legacy retirement systems. Web account information is used to authenticate and then grant annuitants access to web functionality. Transactional information, interaction channel and request types with counts, are used to manage staffing and services for program operations.

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Page 15

] Yes		
No a		
71 HA	re introduced by this data aggregation a	nd how this risk is mitias
it res, explain what lisks al	e ilitioudced by this data aggregation a	
AF-11	.,.	
	s to PII in the OPM information system	m or electronic collect
ndicate all that apply.	∇7 O . t A dualistada da ma	M Cantractors
☑ Users	System Administrators	
Other (Describe)		
Other (Describe)		
Users will have access to the	neir own PII only.	9
. How will the PII be secured	?	
(1) Physical Controls. Indi	cate all that apply.	
Security Guards	☐ Cipher Locks	
dentification Badges		
☐ Combination Locks		
Closed Circuit Television	•	
☐ Safes		
- - ···		
		i i
Closed Circuit Television		

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Page 16

\boxtimes	User Identification	☐ Biometrics
\boxtimes	Password	⊠ Firewall
	Intrusion Detection System (IDS)	☑ Virtual Private Network (VPN)
\boxtimes	Encryption	☐ Public Key Infrastructure Certificates
	External Certificate Authority (CA) Certificate	89
\boxtimes	Other (Describe)	*
	An Intrusion Prevention System (IPS) can preve Intrusion Detectino System (IDS) only detects no	nt attacks on the network. An etwork attacks.
	(3) Administrative Controls. Indicate all that ap	oply.
\boxtimes	Periodic Security Audits	
	Regular Monitoring of Users' Security Practices	
\boxtimes	Methods to Ensure Only Authorized Personnel Ad	coess to PII
	Encryption of Backups Containing Sensitive Data	
\boxtimes	Backups Secured Off-site	
\boxtimes	Security and Privacy Awareness Training	
\boxtimes	Other (Describe)	
	Domain policy, access control lists, patching procontrols are implemented for analysis and review	

OPM, AHBOSS

Page 17

e. Does this OPM information system require an authorization and assessment under the OPM Authorization and Assessment Process?

Yes. Indicate the certification and accreditation	status:
	Date Granted: November 2011
☐ Denial of Authorization to Operate (DATO)	Date Granted:
☐ Limited Authority To Operate (LATO)	Date Granted:
No, this OPM Information system does not requ	ire an authorization and assessment.
f. How do information handling practices at eac collection, use, retention, processing, disclosur	h stage of the "information life cycle" (i.e., e and destruction) affect individuals' privacy?
Describe.	# P
Individual's privacy at each stage of the "information privilege. Users are given read/write privilege	nation life cycle" is restricted by least s based on the requirements to

Individual's privacy at each stage of the "information life cycle" is restricted by least privilege. Users are given read/write privileges based on the requirements to execute his or her job requirements. At the collection phase, the information is sent through a secure connection and stored in a database that is located behind the Internet firewall. At the "use" phase, only federal employees and contractors with security clearance have access to the data. At the retention phase, the database is restricted to authorized users and backed up on internal network servers. At the processing phase, the information is modified and updated on the database. For disclosure, the information can only be disclosed by users that have username and password access to the web server. For destruction, reference item "e." for data

g. For existing OPM information systems or electronic collections, what measures have been put in place to address identified privacy risks?

Describe:

The Annuitant Health Benefits Open Season System is subject to continuous monitoring, including n annual security assessments and tri-annual authorization assessments, under OPM IT Security and Privacy Policy and based on guidance from the National Institute of Standards and Technology and other relevant requirements regarding Information Technology security and privacy. OPM's Inspector General may also conduct periodic reviews. The transfer of information is restricted by a secure link from the user to the web server. The database server with PII is with restricted access controls on the operating system and on the database.

For the September 2012 modifications, the modifications will rely on the existing information security controls on the servers and network. This will include the firewall, Intrusion Detection and Prevention (IDP), operating system controls, and database controls. The "Password Management Procedure" will introduce a new

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h. For new OPM information systems or electronic collections, what measures are planned for implementation to address identified privacy risks?

Describe.

The Annuitant Health Benefits Open Season System is subject to continuous monitoring, including n annual security assessments and tri-annual authorization assessments, under OPM IT Security and Privacy Policy and based on guidance from the National Institute of Standards and Technology and other relevant requirements regarding Information Technology security and privacy.

Any identified vulnerabilities are tracked for mitigation.

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Page 19

SECTION 3: REVIEW AND APPROVAL SIGNATURES

Prior to the submission of the PIA for review and approval, the PIA must be coordinated by the Program Manager or designee through the OPM Privacy Officer prior to being signed by the system owner, Chief Information Security Officer (CISO) or CIO.

system Owner
Signature: 1-30.2013
Name: Woody E. Klinger
Organization: U.S. Office of Personnel Management, Retirement Services, Retirement Operations, Retirement Eligibility and Services
Email Address:woody.klinger@opm.gov
Date of Review:
18
Chief Information Security Officer
Signature:
Name: Andy Newton
Organization:Office of the Chief Information Officer
Email Address:andy.newton@opm.gov
Date of Review: 26/201>
Chief Privacy Officer
Signature: Signature:
Name: Matthew E. Perry
Organization:Office of the Chief Information Officer
Email Address: matthew.perry@opm.gov
Date of Review. 2/6/2017

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APPENDIX A: CONTRACT VERBIAGE

1752.224-70 Protecting Personally Identifiable Information

(a) Applicability

This clause applies to contractor personnel and addresses specific OPM requirements in addition to those included in the Privacy Act of 1974 (5 U.S.C. 552a - the Act). The following should not be construed to alter or diminish civil and/or criminal liabilities provided under the Act.

(b) Definition of Personally Identifiable Information (PII)

Personally Identifiable Information (PII) is "information which can be used to distinguish or trace an individual's identity, such as their name, social security number, biometric records, etc. alone or when combined with other personal or identifying information which is linked or linkable to a specific individual, such as date and place of birth, mother's maiden name, etc."

(http://www.whitehouse.gov/omb/memoranda/fy2007/m07-16.pdf). In other words, PII refers to any information, on any medium, that identifies a specific individual whether the information is on paper or electronic.

(c) Responsibilities for Handling Pil

- (1) Contract employees shall not remove PII from their individual assigned duty station without prior approval of their supervisor.
- (2) All contract employees are personally responsible for the proper handling of PII, regardless of location. All contract employees must be:
- responsible for the proper control and handling of PII residing on their computer, on removable media, and on paper documents.
- responsible for ensuring portable data storage and communication devices are properly controlled and secured at all times.
- responsible for the proper marking, control and storage of printouts and other paper documents containing PII in their possession.
- Email cannot be encrypted. Since PII must be encrypted before being sent, send it only as an encrypted attachment. Do not send PII in the content of an email.

(d) Encryption of Personally Identifiable Information (PII)

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Page 21

- (1) OPM has a policy protecting, and when appropriate, restricting sending, copying or moving PII from the OPM network. Therefore, if the contract employees must send PII, send it only as an encrypted attachment. OPM employees and contractors are required to encrypt PII data using WinZip. Instructions on how to use WinZip to encrypt and protect files containing PII are available on Theo at: http://theo.opm.gov/helpdesk/selfhelp/WinZipv90EncryptionProcedures.pdf. WinZip can be used to protect data on workstations, laptops and email attachments. It is available on all OPM workstations attached to the agency's network.
- (2) A password protected file is not secure. Never send any unencrypted PII data in e-mail.

(e) Procedures for Reporting a Breach of Pli

- (1) A breach of PII includes loss of control, compromise, unauthorized disclosure, unauthorized acquisition, or unauthorized access of personally identifiable information whether physical or electronic. As an agency, OPM is required to immediately report all potential PII data breaches whether they involve paper documents or electronic information. In order to meet this responsibility, OPM has established a new internal procedure for reporting the loss or possible compromise of any PII, and this clause conforms to that procedure.
- (2) OPM contractors must report any breach or potential breach to the OPM Situation Room and the Contracting Officer within 30 minutes of becoming aware of the risk regardless of the time or day of the week. Breaches should be reported, even if it is believed the breach is limited, small, or insignificant. OPM's IT security experts, who will determine when a breach needs additional focus and attention. The OPM Situation Room is available 24 hours per day, 365 days per year. Report the breach to the OPM Situation Room and the Contracting Officer either by phone or by e-mail; however, be sure NOT to include PII in the e-mail.