



PRIVACY IMPACT ASSESSMENT (PIA)

For the

Analytics Software (Microsoft Revolution R Enterprise (RRE))

US Army Medical Command - Defense Health Program (DHP) Funded Application

SECTION 1: IS A PIA REQUIRED?

a. Will this Department of Defense (DoD) information system or electronic collection of information (referred to as an "electronic collection" for the purpose of this form) collect, maintain, use, and/or disseminate PII about members of the public, Federal personnel, contractors or foreign nationals employed at U.S. military facilities internationally? Choose one option from the choices below. (Choose (3) for foreign nationals).

- (1) Yes, from members of the general public.
- (2) Yes, from Federal personnel* and/or Federal contractors.
- (3) Yes, from both members of the general public and Federal personnel and/or Federal contractors.
- (4) No

* "Federal personnel" are referred to in the DoD IT Portfolio Repository (DITPR) as "Federal employees."

b. If "No," ensure that DITPR or the authoritative database that updates DITPR is annotated for the reason(s) why a PIA is not required. If the DoD information system or electronic collection is not in DITPR, ensure that the reason(s) are recorded in appropriate documentation.

c. If "Yes," then a PIA is required. Proceed to Section 2.

e. Does this DoD information system or electronic collection have an OMB Control Number?

Contact the Component Information Management Control Officer or DoD Clearance Officer for this information.

This number indicates OMB approval to collect data from 10 or more members of the public in a 12-month period regardless of form or format.

Yes

Enter OMB Control Number

Enter Expiration Date

No

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

(1) If this system has a Privacy Act SORN, the authorities in this PIA and the existing Privacy Act SORN should be the same.

(2) Cite the authority for this DoD information system or electronic collection to collect, use, maintain and/or disseminate PII. (If multiple authorities are cited, provide all that apply.)

(a) Whenever possible, cite the specific provisions of the statute and/or EO that authorizes the operation of the system and the collection of PII.

(b) If a specific statute or EO does not exist, determine if an indirect statutory authority can be cited. An indirect authority may be cited if the authority requires the operation or administration of a program, the execution of which will require the collection and maintenance of a system of records.

(c) DoD Components can use their general statutory grants of authority ("internal housekeeping") as the primary authority. The requirement, directive, or instruction implementing the statute within the DoD Component should be identified.

10 U.S.C. 3013, Secretary of the Army; 10 U.S.C. 1071-1085, Medical and Dental Care; 50 U.S.C. Supplement IV, Appendix 454, as amended, Persons liable for training and service; 42 U.S.C. Chapter 117, Sections 11131-11152, Reporting of Information; 10 U.S.C. 1097a and 1097b TRICARE Prime and TRICARE Program; 10 U.S.C. 1079, Contracts for Medical Care for Spouses and Children; 10 U.S.C. 1079a, CHAMPUS; 10 U.S.C. 1086, Contracts for Health Benefits for Certain Members, Former Members, and Their Dependents; E.O. 9397 (SSN); DoD Instruction 6015.23, Delivery of Healthcare at Military Treatment Facilities (MTFs); DoD Directive 6040.37, Confidentiality of Medical Quality Assurance (QA) Records; DoD 6010.8-R, Civilian Health and Medical Program of the Uniformed Services (CHAMPUS); Army Regulation 40-66, Medical Record Administration and Health Care Documentation.

g. Summary of DoD 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 DoD information system or electronic collection and briefly describe the types of personal information about individuals collected in the system.

Microsoft Revolution R Enterprise (RRE) is a commercial distribution of the open source R programming language. R is a statistical and visualization language that the medical treatment facility will use to analyze data to understand data distributions and patterns within data, and to build predictive and descriptive models in order to take proactive measures with regards to the data population being analyzed. RRE will be used to conduct analysis related to care, health outcomes, patient safety, and clinical trends in care. Revolution Analytics has made proprietary additions to the R distribution in order to scale to very large datasets and to run on big data platforms such as Hadoop, Teradata, and SQL Server 2016. Users of Revolution will connect to the data source they wish to analyze from the client on their desktops. They will then run queries against the data and build reports that will be shared with clinical staff and leaders who have a need for this information. This data will be temporarily cached in Revolution for this purpose but will not be permanently stored.

PII collected for analysis includes patient demographics and medical information.

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

The risks associated with the collection, use, and storage of personally identifiable information (PII) and protected health information (PHI) are unauthorized access and unauthorized disclosure. Administrative, technical, and physical security measures are in place to minimize these risks as mentioned in Section 3 below.

h. With whom will the PII be shared through data exchange, both within your DoD Component and outside your Component (e.g., other DoD Components, Federal Agencies)? Indicate all that apply.

Within the DoD Component.

Specify.

Other DoD Components.

Specify.

Other Federal Agencies.

Specify.

State and Local Agencies.

Specify.

Contractor (Enter name and describe the language in the contract that safeguards PII.)

Specify.

Health Insurance Portability and Accountability Act (HIPAA) requirements to protect the confidentiality of personal information.

Other (e.g., commercial providers, colleges).

Specify.

i. Do individuals have the opportunity to object to the collection of their PII?

Yes

No

(1) If "Yes," describe method by which individuals can object to the collection of PII.

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

PII is pulled from existing data stores for analysis. The individual does not directly participate in the collection of PII.

j. Do individuals have the opportunity to consent to the specific uses of their PII?

Yes

No

(1) If "Yes," describe the method by which individuals can give or withhold their consent.

(2) If "No," state the reason why individuals cannot give or withhold their consent.

PII is pulled from existing data stores for analysis. The individual does not directly participate in the collection of PII.

k. What information is provided to an individual when asked to provide PII data? Indicate all that apply.

- | | |
|---|--|
| <input type="checkbox"/> Privacy Act Statement | <input type="checkbox"/> Privacy Advisory |
| <input type="checkbox"/> Other | <input checked="" type="checkbox"/> None |

Describe each applicable format.

PII is pulled from existing data stores for analysis. The individual does not directly participate in the collection of PII; therefore, a Privacy Act Statement is not required.

NOTE:

Sections 1 and 2 above are to be posted to the Component's Web site. Posting of these Sections indicates that the PIA has been reviewed to ensure that appropriate safeguards are in place to protect privacy.

A Component may restrict the publication of Sections 1 and/or 2 if they contain information that would reveal sensitive information or raise security concerns.