



Privacy Impact Assessment (PIA)

PIA Entry Name: Enterprise Data Platform

Office of the Chief Information Officer

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PURPOSE OF THE PRIVACY IMPACT ASSESSMENT

The National Aeronautics and Space Administration (NASA) Privacy Impact Assessment (PIA) documents and describes the personally identifiable information (PII) NASA collects and the purpose(s) for which it collects that information; how it uses the PII internally; whether it shares the PII with external entities, and the purposes for such sharing; whether individuals have the ability to consent to specific uses or sharing of PII and how to exercise any such consent; how individuals may obtain access to the PII; and how the PII will be protected. NASA publishes its PIAs, as well as its System of Records Notices (SORNs), on the NASA public-facing website, which describes NASA's activities that impact privacy, the authority for collecting personally identifiable information (PII), and the procedures to access and have PII amended or corrected if necessary.

Reviewing Official: Stayce Hoult, Chief Privacy Officer



System Overview:

The EDP Project will provide the integrated platform of tools that allows NASA data consumers the ability to rapidly accomplish these data product workflow activities within a federated enterprise self-service environment. The four key tool domains of this enterprise data platform include: data analysis/visualization, enterprise intelligent search, data modeling and data product cataloging.

The current tool set includes Enterprise Intelligent Search – Sinequa and Data Analysis, Modeling & Cataloging - Alteryx.

Privacy / Authorities and Other Requirements	
List all legal authorities and/or agreements that permit the collection of privacy information by the project. Explain how these authorities permit the project and the collection of privacy information. If the project collects Social Security numbers, also identify the specific statutory authority allowing it.	EO 14028 (Section 3, subsection C, Action 4) https://www.whitehouse.gov/wp-content/uploads/2022/01/M-22-09.pdf vCongressional IDEA Act. NASA Responded https://www.nasa.gov/news/reports vFoundations for Evidence-Based Policymaking Act of 2018 vOPEN Government Data Act vFederal Data Strategy, 2020 Action Plan (Action 2, paragraph 2, and Action 6, paragraph 1) vOMB Circular A-130, Managing Information as a Strategic Resource
The records in the system are covered by an existing published System of Records Notice (SORN).	Existing SORN applicable
The SORN Name and Number.	NASA10SECR and additional SOR's not maintained at NASA

Privacy Act of 1974 / Uses of the Information	
Records on individuals are or will be routinely retrieved from the system by using individual's name or other unique identifier (e.g., personal account number, UUPIC, SSN, etc. is used to locate information about an individual in the application/website/information system/paper record).	Yes

Paperwork Reduction Act / Characterization of the Information	
The record/application/website/information system collects information in a standard way (via forms, surveys, questionnaires, etc.) from 10 or more persons (e.g., members of the public and NASA contractors, and grantees).	No

Paperwork Reduction Act / Authorities and Other Requirements	
There is an OMB Control Number.	No
The OMB Control Number.	

Privacy / Characterization of the Information	
Information is collected on the following:	NASA Contractors Government Employees Business Partners/Contracts, Grantees (including, but not limited to federal, state, local agencies) Contractors/Vendors/Suppliers
Collection contains the following:	Name Date of birth Vehicle identifier (license plate) Marriage certificate Biometric identifier (fingerprint or voiceprint) Employment status and/or records Education records Passport number Driver's license number Mother's maiden name Work phone number Work cell phone number Personal cell phone number UUPIC Agency User ID (AUID) Work e-mail address Personal e-mail address School e-mail address Home mailing address Birth certificate Death certificate Legal documents (divorce decree, criminal records, etc.) Military status and/or records Photograph Work Mailing Address Home Phone Number
The collection is the minimum necessary to accomplish the purpose of the collection.	Yes
Discuss the intra-Departmental sharing of information. Identify and list the name(s) of any components or directorates within the Department with which the information is shared.	None at this time

Privacy / Uses of the Information	
NASA will use the information in the following ways:	This platform provides each domain the ability to integrate data from different domains to perform collaborative analytics that support NASA operations. PII Data that exists in the domain

	data will be used soely to support official government business.
The application/website/information system stores, collects, or maintains Information in Identifiable Form (IIF).	Yes

Consent / Notice	
Does the project provide individuals notice prior to the collection of information?	No
If no, explain why individuals are not notified prior to collection of information.	Information within the EDP will be copied from the Authoritative Data Sources. The EDP does not directly request IIF from individuals.
If yes, describe how the notice provided for the collection of information is adequate to inform those impacted.	
Do individuals have opportunities to decline to provide information, or opt out of the project?	No
If yes, describe the process. If this is not an option, explain why not.	Information within the EDP will be copied from the Authoritative Data Sources. The EDP does not directly request IIF from individuals.
Do individuals have opportunities to consent to specific/targeted uses of their information?	No
If yes, describe the process. If this is not an option, explain why not	Information within the EDP will be copied from the Authoritative Data Sources. The EDP does not directly request IIF from individuals.
The IIF is collected	Voluntary
There is a process in place for the following:	
Ensuring consent is obtained from the individuals whose IIF is stored, collected, or maintained.	Not Applicable
Are individuals provided with notice that they have opportunities to consent to uses, decline to provide information, or opt out of the project?	No
If yes, describe the process. If no, explain why not.	Information within the EDP will be copied from the Authoritative Data Sources. The EDP does not directly request IIF from individuals.
Are individuals notified of the consequences of providing information?	No
If yes, describe the process. If no, explain why not.	Information within the EDP will be copied from the Authoritative Data Sources. The EDP does not directly request IIF from individuals.

Data Retention	
Explain how long each type of information is retained. Include a justification for the retention	Information within the EDP will be retained for the same period as the related Authoritative Data

period of each information type and how/why that period is necessary to the mission/project.	Source. When data is removed from the Authoritative Data Source it will automatically be removed from the edp.
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Information Sharing	
Is information shared outside of the organization as part of the normal agency operations?	No
Identify who the information is shared with, how the information is accessed, and how it is to be used.	
Describe how the external sharing noted in the previous question is compatible with the SORN noted in PIA-02.	

Redress	
What are the procedures that allow individuals to access their information?	This system is not the source system that collects the data on individuals. This system only stores a copy of this data for analytic purposes, and provides an index capability to allow searching of this data
What procedures are in place to allow the subject individual to correct inaccurate or erroneous information?	The EDP consumes data from authoritative data sources. Should an individual need to correct inaccurate or erroneous information, the EDP will provide contact information for all Authoritative Data Sources.
How does the project notify individuals about the procedures for correcting their information?	A banner will be displayed on all reports that contain PII which will provide a link to the step by step procedure for correcting their information.

Auditing and Accountability	
How does the project ensure that the information is used in accordance with stated practices in this PIA?	The EDP will perform a pre-onboarding security review with all customers. All data types and uses will be documented in this review.
Describe what privacy training is provided to users either generally or specifically relevant to the project.	Saturn Agency Training
What procedures are in place to determine which users may access the information and how does the project determine who has access?	All user access is controlled with NAMS. The data owners are the provisioners responsible for approving access to the data within the EDP
How does the project review and approve information sharing agreements, MOUs, new uses of the information, new access to the system by organizations within the department and outside?	The EDP will perform a pre-onboarding security review with all customers. All data types and uses will be documented in this review. Additionally, should a usecase arrive needing to modify the original documented data or use cases, another security review will be performed.

Security Controls / Characterization of the Information	
Monitor and Response to privacy and/or security incidents policies.	No

Security Controls / Auditing and Accountability	
Technical controls (safeguards) are in place to minimize the possibility of unauthorized access, use, or dissemination of the IIF in the application/ website/ information system/ cloud system.	Yes
Access controls.	Yes

Information Sharing Practices / Characterization of Information	
The application/website/information system/cloud systems collects IIF from other resources (e.g., databases, websites).	Yes
The application/website/information system/cloud system populates data for other resources (e.g., databases, websites, or external agencies, people, or organizations).	No

Accessibility, Redress, Complaints / Characterization of the Information	
There is a process in place for periodic reviews of IIF in the system to ensure data integrity, availability, accuracy, and relevance.	No

Web Measurement and Customizing Technology / Characterization of the Information	
The Application/Website/Information System Utilizes Web Measurement and Customization Technology (Cookies/Persistent Tracking).	No

Agency Privacy Manager (APM):

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APM Review Decision: Concur

APM Review Date: 03/14/2022

Chief Privacy Officer (CPO):

HARRIS HOULT, STAYCE D

CPO Review Decision: Concur

CPO Review Date: 03/22/2022

CPO Digital Signature

NASA Senior Agency Information Security Officer (SAISO):

Witt, Michael

SAISO Review Decision: Concur

SAISO Review Date: 10/24/2022

NASA Senior Agency Official for Privacy (SAOP):

SEATON, JEFFREY M

SAOP Review Decision: Approve

SAOP Review Date: 02/16/2023