GSA Office of Technology Transformation Services



Information Collection Instrument **GSA Identity-Proofing Equity Study** May 2023

The GSA Equity Study on Remote Identity Proofing The GSA "Equity Study on Remote Identity Proofing" will assess the impact of ethnicity, race, gender, income, and other demographic factors on the multiple components of identity proofing, which is the process of verifying that a person is who they say they are.

GSA will test remote identity-proofing tools that include both biometric checks using facial verification technology as well as non-biometric methods like mobile-device account ownership and credit history. National Institute of Standards and Technology's (NIST's) Special Publication (SP) 800-63A Rev 3 guidelines for remote one-to-one identity proofing serve as a framework for the study.

Study Components



0. Registration Survey - Qualtrics (1 of 4)

Q

Respondents who click on the "call-to-action" button on the GSA Identity Equity Study landing page will enter the "Registration Survey"



that works for everyone

We know that technology doesn't work equally for everybor'y. Help us make it better.

See if I qualify

GSA

1 of 6

Welcome to the GSA Equity Study on Remote Identity Proofing

Thank you for your interest in the General Services Administration (GSA) Equity Study on Remote Identity Proofing. GSA appreciates volunteers like you who are helping improve government services for the American people.

Identity proofing is a way of providing information about yourself to help someone, such as a government agency, verify your identity, and confirm that you are who you say you are. By participating in this study, you will help inform decisions on using new technologies to interact with government agencies online.

Accessibility

GSA recognizes that the "Equity Study on Remote Identity Proofing" may not be accessible to all potential participants with disabilities because it requires participants to take photographs of their government-issued ID as well as a live "selfie" or headshot using functionality that may not be native to their device. GSA is investigating other remote identity proofing solutions that are designed to be more accessible and compliant with the requirements in <u>National Institutes of</u> <u>Standards and Technology (NIST). Special Publication (SP) 800-63</u>.

Next

The GSA Equity Study on

Remote Identity Proofing

0. Registration Survey - Qualtrics (2 of 4)

2 of 6 GSA

Study Purpose and Participation Requirements

GSA will publish a de-identified, peer-reviewed report assessing the impact of ethnicity, race, gender, income, and other demographic factors on identity-proofing tools. You will test and provide feedback on multiple identity-proofing components and products including:

1. Document Authentication

- You will take and submit pictures of your identity document (e.g., a driver's license, state ID)
- · You will take and submit a "selfie" (a picture of your face)
- · You will rate the "ease of use" of the tool
- You will repeat these steps for FIVE (5) different document authentication products

2. Personal Information Validation

You will provide your:

- · Full legal name
- Date of birth
- Physical address
- Social security number
- Phone number

3. Device Checks

- You will receive and confirm a security code by phone (voice call or text message)
- This application will scan your mobile device and evaluate it for its capabilities, features, and uses.

4. Exit Survey

· You will answer three (3) short questions

Participant Acknowledgements and Agreements

With your consent, GSA will share your information with third party vendors who will only use it to verify your information. GSA will collect and store your data along with the vendors' validation and verification results. None of your data will be used for marketing or purposes other than this research.

GSA will instruct the vendors to delete your data from their systems within 24 hours of collection.

GSA will share an aggregated de-identified dataset with CITeR and Clarkson University for analysis. Your <u>personally identifiable information (PII)</u> will not be included in the data that GSA shares with GSA's research partners.

Your participation is voluntary. You can withdraw from the study or cancel your permission for GSA to use your identifying information prior to study completion by closing the study webpage on your browser or contacting the GSA researchers at identityequitystudy@reseach.gsa.gov or (202) 969-0772.

If you decide you don't want your information used, or if you have any questions or complaints, you may also contact a person not on the research team at the Biomedical Research Alliance of New York Institutional Review Board at (516) 318-6877 or at <u>www.branyitb.com/concerns-about-research</u>. Information that was already collected may still be used.

Risk and Harm: GSA and its partners are committed to protecting your data to the greatest extent. However, there is always the risk of loss of confidentiality of your personal information used for this study. If this were to happen, GSA will promptly inform you with additional information. * Please read the study's <u>Rules of Use</u> and the <u>Privacy Act Statement</u>. This requires a response

- I have reviewed the Rules of Use and Privacy Act Statement and agree to abide by them.
- * Are you interested in participating in the study?

This requires a response

- O I am interested in participating in the study. I consent to the collection and use of my information as described above.
- O I am not interested in participating in the study. I do not consent.

Previous

Next

0. Registration Survey - Qualtrics (3 of 4)

If respondents choose "I do not consent" then they will see the following screen (3 of 6).

	3 of 6
0%	100%
GSA	
Thank you for your interest in the GS and willingness to improve equity in r meet the criteria to participate in this	A Identity Proofing Equity Study. We appreciate your time access to government services. Unfortunately, you do not research study. Your responses will not be recorded.

If respondents choose "I consent" in screen #2 they will see the following screen (4 of 6).



0. Registration Survey - Qualtrics (4 of 4)

5 of 6					
GSA		Respondents will receive the following email. When they click on the "Click here to start" link, respondents are routed to the Demographic Intake Survey.	6 of	6	
Thank you for registering for this study.		GSA Equity Study Inbox ×		æ	Z
You will receive an email from identityequitystudy@research.gsa.gov containing a personalized survey link to access the next part of the study.	N	GSA Identity Equity Study 1:26 PM (0 min to me マ PARTICIPANT NAME	utes ago) 🛛 🏠	←	:
		Thank you for your participation in the GSA Identity Equity Study. The link below will be active for the next twenty-four (24) hou complete the study within the timeframe or experience any issues, contact GSA at <u>identityequitystudy@research.gsa.gov</u> for at this study will take up to 45 minutes to complete.	s. If you are unal sistance. GSA ai	ble to nticipate:	s
		Click here to start			
		If at any point in the study you experience an error, you can click the link above to start over.			
		GSA Equity Study			
		17:26:52 UTC			
		Click this link to opt out of future emails: <u>Click here to unsubscribe</u>			

1. Demographic Intake Survey - Qualtrics (1 of 2)

Respondents who successfully register are routed to the demographics intake survey.

GSA is evaluating the impact of demographic factors on identity proofing tools, so we will need you to provide some demographic data. Note, all questions with a * are required. If you choose "Prefer not to answer" for any of these questions, you will not be able to continue with the study.	 3. Gender Identity: Which gender best describes you?: This question requires a response Male Female Another gender identity Prefer not to answer 	 5. Household Income Range (Select what best describes your household income): This question requires a response \$0-\$24,999 \$25,000 - \$75,999 \$76,0000 - \$89,999 \$100,000 and higher Prefer to not answer
 1. Ethnicity: Which ethnic group best describes you? This question requires a response Hispanic or Latin-American Not Hispanic or Latin-American/ Other Ethnicity or Ethnicities (e.g., Hmong, Italian) 	* 4. What is your age? This question requires a response	 6. Education Level (Select what best describes your education level): This question requires a response O Some high school or less O High school diploma or GED
Prefer not to answer 2. Race: Which race(s) best describe you? (Choose all that apply):		Some college or university, but no degree Bachelor's degree Graduate or professional degree (MA, MS, MBA, PhD, JD, MD etc.) Prefer to not answer
This question requires a response American Indian or Alaska Native Asian Response of frame American		Next
Black of American American Native Hawaiian or Pacific Islander White Other race or Identity not listed Prefer not to answer		

1 of 2

1. Demographic Intake Survey - Qualtrics (2 of 2)

If respondents select "Prefer not to answer" or if the study quota for their particular demographic is already full they are not eligible to participate and will see this screen.



NOTE: If the respondent started the process on a mobile, this QR code page would not be displayed.

Respondents who are eligible are then routed to the Identity Verification Platform (IDVA).

From this point forward the study is designed to be done on a mobile device.



2. Identity Proofing Study - IDVA Mobile Platform



2.0 Instrument Collection and Study Instructions

Respondents will be taken through the instrument collection process. An overview of the various processes that the respondent will walk through is provided, including a link to the Privacy Act Statement and vendors' privacy policies; and giving the respondent a final opportunity to not participate prior to starting the identity proofing workflow.



GSA will ask you to capture images of your government-issued identity document, take several "selfies," and provide Personally Identifying Information [PII), including biometric data, to help GSA test multiple identify-proofing processes. The third-party your provided information to provide a "proofing score" for each of these steps. The remote identify proofing software will try to:

- compare your "selfie" against the photograph in your identity document using facial verification technology and
- compare your Social Security Number (SSN), name, date of birth, address, and phone number against different record systems.

Each vendor's policy is available below for your reference and review:

- Incode
 Jumio
- LexisNexis
- red violet
- Socure
 TransUnion

Transonio

NOTE: The privacy policies above apply to the vendors' general commercial services, your data will be only retained and used in accordance with the GSA Privacy Act Statement.

GSA will instruct the vendors to delete the data you have provided within 24 hours of submission. GSA will collect and store your data along with the vendors' validation and verification results. GSA will share an aggregated de-identified dataset with CITeR and Clarkson University for analysis. None of your data will be used for marketing or purposes other than this research.

By selecting "Loonsent" below, you agree to the collection and processing of your personal information, including biometric information as described in Section 4.3 of the <u>Privacy Act Statement</u> and you acknowledge that you may choose to terminate your participation at any time prior to completion of the study for any reason.

O I consent

 I do not consent. I do not wish to participate.

Continue

GSA 🗹

If respondents choose "I do not consent" then they will see the following screen.

An official website of the United States Government <u>Here's how you know</u> ~

Consent Declined

Thank you for your interest in the GSA Identity Proofing Equity Study. We appreciate your efforts to improve equity in access to government services. Unfortunately, you do not meet the criteria to participate in this research study. Your responses will not be recorded.

GSA

You may now close this page.

2.1 Liveness andDocumentAuthentication

Respondents will test multiple identity-proofing tools including five (5) document authentication components. In these, respondents will capture and upload an image of their identity document as well as a selfie for validation.

Respondents will be provided instructions on how to capture images of their identity document and selfie by each identity proofing vendor. This process is repeated five (5) times. An official website of the United States Government Here's how you know ~

2 of 12 ID Authentication #1

- You will take and submit pictures of your government-issued ID card and a "selfie" We will compare the picture on your government-issued ID with your selfie and try to verify the validity of your ID card
- You will rate the "ease of use"
- You will repeat these steps for FIVE (5) different document authentication products

You will need:

Valid government-issued identification document

e.g. driver's license



You will use your phone's camera to take a picture of your ID card.

A flat, dark surface

Place your ID card on a flat surface with a dark background and ensure there aren't other documents around.

Continue

GSA

2.1.1 Liveness and Document Authentication

If the captured images are not clear, respondents may be asked to retake them.

Step 1

An official website of the United States Government Here's how you know ~

ID Authentication

We will verify your identity by collecting information from your government-issued identification document.

Continue

GSA

Please click continue to start this test



GSA 🖄

Step 2

Here's how you know

a picture of your face

An official website of the United States Government

Take a picture of your governmentissued identification document and

Biometric Vendor 1

Take a picture of your governmentissued identification document and a picture of your face

Click the "Take Photo" button to capture the ID card Front, ID card Back, and Selfie images. When you've taken all three pictures, click "Continue" to proceed.



Step 4



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2.1.2 Liveness and Document Authentication

If the captured images are not clear, respondents may be asked to retake them.

Biometric Vendor 2



Step 1

Step 2



Step 3



2.1.2 Liveness and Document Authentication



Biometric Vendor 2 (Continued)

2.1.3 Liveness and Document Authentication Step 1

If the captured images are not clear, respondents may be asked to retake them.



Biometric Vendor 3

2.1.3 Liveness and Document Authentication

If the captured images are not clear, respondents may be asked to retake them.





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Biometric Vendor 3 (Continued)



2.1.4 Liveness and Document Authentication

Biometric Vendor 4

If the captured images are not clear, respondents may be asked to retake them.



2.1.5 Liveness and Document Authentication

Biometric Vendor 5



If the captured images are not clear, respondents may be asked to retake them.

Powered By Technology Transformation Services

2.1.5 Liveness and Document Authentication

If the captured images are not clear, respondents may be asked to retake them.



Biometric Vendor 5 (Continued)

2.1.5 Liveness and Document Authentication

Your verification is complete **Extracting Information Uploading Facial Sca** Uploading Document Please wait while you are redirected to the next step. (T)

Step 6

Biometric Vendor 5 (Continued)

2.1 Liveness and Document Authentication

Respondents will have the option to rate their experience for each identity proofing vendor's document authentication process. This feedback option is presented five (5) times.

This step is optional.

An official website of the United States Government Here's how you know ~

ID Authentication Feedback

(Optional) On a scale from 1 to 5, how easy (1) or difficult (5) was the ID authentication process you just completed (e.g., uploading/taking images)?

1-Very Easy
2-Easy
🔿 3-Neutral
0 4-Difficult
○ 5-Very Difficult
(Optional) Provide additional details below.
Continue
GSA 🖸

2.2 PII Validation

Respondents will be instructed to provide some information and verify their personal information that has been read from their identity document and what they entered. They will then have the opportunity to review and confirm their information.

Step 2.2

An official website of the United States Government Here's how you know ~

of 12 Enter your personal details

1

In the next set of screens, you will be asked to provide or confirm:

Phone Number and Social Security Number

Used to validate your personal information, confirming information from your phone account record, and confirm device ownership.

2 Name, Date of Birth, and Address Used to verify your identity.

If we were able to read this information from your identification document, you will have a chance to verify it. Otherwise, you will need to provide your legal name, date of birth, and current address.

Continue

GSA 🗹

2.2.1 Phone Number and Social Security Number Verification

Respondents will be instructed to provide their mobile phone number and social security number. They will then have the opportunity to review and confirm this information.

Step 2.2.1

An official website of the United States Government <u>Here's how you know</u> ~

of 12 Enter your personal details

Enter your Phone Number

This phone number must:

- belong to a phone plan associated with your name (you do not need to be the primary account holder) and
- not be a virtual phone such as Google Voice or Skype and
- be a U.S. phone number

(____) ____ - ____

Enter your Social Security Number

Show Social	Security I	Number	
	Co	ntinue	

2.2.2 Verify and Correct Information

Respondents may review their information and update it as needed by clicking "Edit."

Step 2.2.2		
An official website of the United St <u>Here's how you know</u> ~		
8 of 12 Verify your perso	onal details	
Confirm your informatio	n below	
Phone Number:	Edit	
(111) 111-1111		
Social Security Number:	Edit	
__***		
First Name:	Edit	
Middle Name:		
Last Name: Date of Birth:		
Address: Street	Edit	
City: City		
State: CA		
Zip Code: 90210		
Show Social Security Number		
Continue		
GSA 2		

2.2.2a Phone Number Update

Respondents may update their phone number by clicking the "Edit" link next to phone number section on the screen to make the changes.

Step 2.2.2

An official website of the United States Government Here's how you know ~

8 of 12 Verify your personal details

Confirm your information below

Phone Number: (111) 111-1111	<u>Edit</u>	
Social Security Number:	Edit	
__***		-
First Name:	Edit	
Middle Name:		
Last Name:		
Date of Birth:		
Address: Street	Edit	
City: City		
State: CA		
Zip Code: 90210		
Show Social Security Number		
Continue		
GSA Z		

Step 2.2.2a





Respondents may update their social security number by clicking the "Edit" link next to phone number section on the screen to make the changes.

Step 2.2.2

An official website of the United States Government Here's how you know ~

8 of 12 Verify your personal details

Confirm your information below

Phone Number: (111) 111-1111	Edit
Social Security Number:	Edit
__***	
First Name:	Edit
Middle Name:	Lunt
Last Name:	
Date of Birth:	
Address: Street	Edit
City: City	
State: CA	
Zip Code: 90210	
Show Social Security Number	
Continue	

GSA



2.2.2c Full Name and Date of Birth Update

Respondents may update their full name and date of birth by clicking the "Edit" link next to name and date of birth section on the screen to make the changes.

Step 2.2.2

An official website of the United States Government Here's how you know ~

8 of 12 Verify your personal details

Confirm your information below

Phone Number: (111) 111-1111	Edit
Social Security Number:	Edit
_	
First Name:	Edit
Middle Name:	
Last Name:	
Date of Birth:	
Address: Street	Edit
City: City	1.1.1.1.1.1.1.1.1
State: CA	
Zip Code: 90210	
Show Social Security Number	
Continue	
GSA Z	

An official website of the United States Government Here's how you know V of 12 Verify your personal details 8 Enter or confirm the following information. Required fields are marked with an asterisk (*). * First or given name For example, Jose, Darren, or Mai First name Middle name Middle name * Last or family name For example, Martinez Gonzalez, Gu, or Smith Last name * Date of birth YYYY-MM-DD Continue

Step 2.2.2c

2.2.2d Current Address Update

Respondents may update their current address by clicking the "Edit" link next to address section on the screen to make the changes. Step 2.2.2



An official website of the United States Government Here's how you know 🗸 of 12 Verify your personal details 8 Enter or confirm the following information. Required fields are marked with an asterisk (*). * Street Address Address 1 Street Address Line 2 Apt. Suite, Unit, etc. * City * State * Zip Code Zip Continue GSA

Step 2.2.2d

2.3 DeviceChecks (SecurityCode and DeviceRisk)

The respondent will confirm ownership of a mobile device by completing a security code check, and have the system scan the mobile device in the background.

Step 2.3



2.3.1 Security Code Check

The respondent will confirm ownership of a mobile device by receiving a security code via phone or SMS, and then entering the generated security code into the field.

Note: If the respondent selects the "phone call" method in Step 2.3, they will receive a phone call where they will hear a code that they will enter it into the one-time security code field.

Text message option



of 12 Security Code Validation Enter your security code We sent a code to +1 XXX-XXX-XXXX. This code will expire in 10 minutes. If you do not receive the security code within the next 30 seconds, click 'Resend Code' to receive another code. Otherwise, you may skip this step by clicking 'Continue' and proceed to the next step in the study. One-time security code Submit Resend Code GSA 🗹

An official website of the United States Government

Here's how you know ~

2.3.2 Device Risk

The Device Risk component of the study collects information on respondents' mobile device software, hardware, and usage patterns. For example:

- Operating System
- Mobile Browser
- IP-address based geolocation
- Service provider

This collection happens in the background.



2.4 Final Success Screen,

Once the respondent has completed testing the identity proofing tools, they will be shown a "Success" page. Clicking the "Continue" button will take the user to the Exit Survey for final input. An official website of the United States Government Here's how you know ~

of 12 Identity-Proofing Complete

Success!

Congratulations!

You have completed the identity proofing portion of the study.

Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation .



NOTE: If the respondent started the study on desktop and then left the browser session open, upon completing the identity verification process, the browser will be refreshed and display this page given the respondent the option to complete the Exit Survey on desktop.

 SuccessI Congratulations! You have completed the identity proofing portions of the study. Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation. Please click here if you are not automatically redirected. 	 Success! Congratulations! You have completed the identity proofing portions of the study. Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation. Please click here if you are not automatically redirected. 	 Success! Congratulations! You have completed the identity proofing portions of the study. Finalty, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation. Please click here if you are not automatically redirected. 	An official website of the United States Gowmennett Here's how you know V	
Congratulations! You have completed the identity proofing portions of the study. Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation. Please click here if you are not automatically redirected.	Congratulations! You have completed the identity proofing portions of the study. Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation. Please click here if you are not automatically redirected.	Congratulations! You have completed the identity proofing portions of the study. Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation. Please click here if you are not automatically redirected.	Success!	
You have completed the identity proofing portions of the study. Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation. Please click here if you are not automatically redirected.	You have completed the identity proofing portions of the study. Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation. Please click here if you are not automatically redirected.	You have completed the identity proofing portions of the study. Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation. Please click here if you are not automatically redirected.	Congratulations!	
Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation. Please click here if you are not automatically redirected.	Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation. Please click here if you are not automatically redirected.	Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation. Please click here if you are not automatically redirected.	You have completed the identity proofing portions of the study.	
Please click here if you are not automatically redirected.	Please click here if you are not automatically redirected.	Please click here if you are not automatically redirected.	Finally, we will ask you to answer additional demographic, consent, and feedback questions. This is the last step required to complete the study and receive compensation.	
			Please click here if you are not automatically redirected.	

3.0 Exit Survey (Qualtrics) and Completion Notification

The final part of the Equity Study is the Exit Survey for a final set of questions. And upon completion, an email notification will be generated for confirmation.

1 of 3



Thank you for testing the various identity proofing solutions for the GSA Equity Study on Remote Identity Proofing. Please complete this final set of questions

Note: All questions with a * are must be answered to complete the survey.

Next

3.1 Exit Survey - Qualtrics (1 of 2)

Respondents must complete the exit survey in order to receive compensation for their participation in the study.



3.2 Exit Survey - Completion

The respondent will receive a confirmation email upon successful completion of the exit survey that can be used for reference purposes if needed.



