	United States Department of Agriculture **Office of the Chief Financial Officer** **National Finance Center** **Government Employees Services Division**

Functional Requirements Document (FRD)		
Project# 40493	**Project Title:** NFC Group 2 Alternative Two Factor Authentication	**Date Prepared:** 04/26/2021

Version 2.2	**As of: 06/14/2021**

Scope:	NFC will modify the Reporting Center application login to provide an alternative two-factor authentication one-time passcode verification method for Non-PIV card users.
Assumptions:	The one-time passcode and email generation will be at the NFC application level. The one-time passcode will be valid for 15 minutes. After 15 minutes the user will need to re-authenticate to generate a new passcode. The user will need to logout and create a new session to get a new passcode. If the user does not have an email address on file in the SALL application, a passcode will not be sent. Reporting Center will display an error message for the user to contact the Agency's Security Officer (ASO). SecureAll (SALL) shall perform a one-time email address data load from the NFC Payroll Personnel System (PPS). If the user's business email address is not available or needs updating, the Agency's Security Officer (ASO) will submit a security access request form to the Access Management Branch to update the email address in the SALL application.

Functional Requirements

☐ **Payroll Applications Systems Branch (PASB) Requirements**

"Not Applicable"

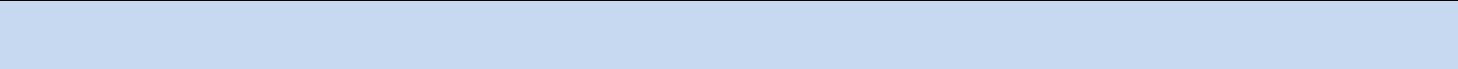| Functional Requirements Document (FRD)		
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☐ **Personnel Applications Systems Branch (PESB) Requirements**

"Not Applicable"

☐ **Administrative Applications Systems Branch (AASB) Requirements**

"Not Applicable"

☑ **Payroll Web Systems Branch (PWSB) Requirements**

Reporting Center will be modified to request and store the one-time passcode upon successful authentication. The passcode shall be valid for 15 minutes.

Reporting Center login screen shall be modified to create a new field that will allow the user to input and verify the one-time passcode generated.

Reporting Center will be modified to display an error message if the code entered is incorrect. The user will need to logout and create a new session if a new passcode is needed.

Reporting Center will be modified to display an error message "USER ID EMAIL ADDRESS INVALID, CONTACT YOUR SECURITY ASO" and a passcode will not be sent, if the user's email address is not on file.

☑ **Administrative Web Systems Branch (AWSB) Requirements**

SecureAll (SALL) shall be modified to provide the capability to enter and store the user's email address. A new email address field shall be created, and the field shall be required. This will allow the Access Management Organization to update the user's email address when ASOs (Agency Security Officers) submits a request to create or update a user's profile. If the user's email address is not on file, SALL shall generate the error message "USER ID EMAIL ADDRESS INVALID, CONTACT YOUR SECURITY ASO" for Reporting Center to display.

SecureAll (SALL) shall (1) generate the random six digits passcode, (2) email the six digits passcode to the user, (3) and return the passcode to the authenticated web application.
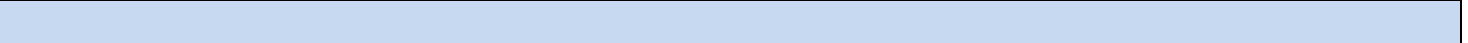
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☐ **Human Resources Applications Branch (HRAB) Requirements**
"Not Applicable"
☐ **External Vendor Requirements**
"Not Applicable"
Signature of Systems Requirements Branch Chief: Date:
Signature of Web Requirements Branch Chief: Date: **\s\ Amanda Nguyen**   **6/15/2021**