CalSAWS

California Statewide Automated Welfare System

Design Document

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CalHEERS eHIT: BREfS: Enhance eHIT Verifications

	DOCUMENT APPROVAL HISTORY	
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DATE	DOCUMENT VERSION	REVISION DESCRIPTION	AUTHOR
04/03/2020	1.0	Draft Design	M. Feliciano
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05/21/2020	1.7	Finalized eHIT section and added clarification that the MAGI Person Detail page updates for verification section is only for DERs.	Renee Gustafson
06/24/2020	1.8	Added 'View Differences' to current design and recommendations. Corrected Typo in Code of FDSH Verification source to FDH. Clarified the same page is shared between ICT, CH and TLI and how the page should be updated. Updated "PRUCOL-INS Acknowledgement" to "PRUCOL-INS Ack" in Mockup 2.1.1and 2.1.3.2.b	M. Feliciano
08/20/2020	2.0	Content Revision: Update EDR to not send an SSN Verification as Yes if the Individual does not have an SSN.	M. Feliciano

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1 OVERVIEW

This document details updates to The Systems in support of changes in the electronic Health Information Transfer (eHIT) with CalHEERS Change Request 158675, Business Rules Exposure for SAWS (BREfS) Enhance eHIT Verifications.

The CalHEERS Portal displays an individual's verification details on the Manual Verifications Page where an Admin user can view each verification type, the individual's verification attested value and whether that type is verified by SAWS, Admin or by electronic sources. The Manual Verifications Page also displays the verification cache begin date and the date that verification cache is valid until, as defined by the CalHEERS verification caching rules. If a pending verification type has a reasonable opportunity period (ROP), the ROP due date is displayed on this page as well. This more detailed verification information is not sent in eHIT to display in The Systems and not all County Eligibility Workers (CEW) have access to the CalHEERS Portal to view this information. To expose the CalHEERS Business Rules for SAWS, CH-158675 adds more verification types and the associated detailed verification data used in the MAGI Determination to eHIT in the MAGI Determination of Eligibility Response (DER).

This SCR updates the Systems to display the additional verification information received from CalHEERS in the MAGI Person Detail page.

This change updates the Systems to display the verification type, the attested information for each type, as appropriate, the CalHEERS verification status, verification source, verification cache begin date and expiration date and the ROP due date in the current MAGI Person Detail page.

1.1 Current Design

The Systems receive the verification information used in the MAGI Determination from CalHEERS as a Verification Type and a 'Yes' or 'No' to indicate whether the verification was verified electronically or administratively. The verification type and the 'Yes' or 'No' displays on the MAGI Person Detail Page for each individual on the MAGI Determination. If CalHEERS does not send anything for the Verification type in the MAGI Determination, the MAGI Person Detail page displays the verification as a blank and that is interpreted as the verification status is pending. The Systems do not receive any other information regarding the source of the verification or if CalHEERS assigned the verification cache dates or if CalHEERS determined an ROP Due Date.

The MAGI Person Detail page is the same as the ICT Person Detail Page and the Targeted Low-Income Person Detail Page. The heading in each page is dynamic and some page sections are filtered depending on the source of the information. Current sources are CalHEERS, ICT and Healthy Families.

The MAGI Person Detail 'View Differences' functionality compares current information in The Systems data collection pages and information received in the latest DER. The 'View Differences' functionality opens a new window displaying grayed out values that did not change in contrast to the values that changed.

LRS/CalSAWS will send Admin Verification of SSN as 'Yes' when a user marks the SSN Verification as 'Verified'. LRS/CalSAWS allows the setting of SSN Verification 'Verified' when there is no SSN. C-IV does not have logic to send Admin Verification of SSN as 'Yes' when there is no SSN.

1.2 Requests

With CH-158675, CalHEERS will add more detailed verification information to eHIT and send it to The Systems in the DER.

1. Update the eHIT logic to save the additional verification types and information received from CalHEERS for each individual in a DER.
    a. The additional verification information includes:
        - The verification's corresponding attested value
        - Verification source
        - CalHEERS verification status
        - Verification cache begin date
        - Verification cache expiration date
        - Verification Reasonable Opportunity Period (ROP) expiration date
    b. The new Verification types are:
        - American Indian/Alaska Native
        - Household Income- Subsidy
        - Household Income- State Subsidy

        Note: The Household Income-Subsidy verification type displays as 'Federal Subsidy Income' and Household Income- State Subsidy displays as 'State Subsidy Income' on the MAGI Person Detail page.
2. Update the MAGI Person Detail page to a version of the 'Verification' section that applies to only the DERs and a version that applies to EDR, eICT and Targeted Low Income .
    a. Update the MAGI Person Detail page, 'Verification' section to display the new verification types and the additional information for each verification type received on a DER.
    b.   Update the EDR, eICT and Targeted Low Income version to display the updated verification types and labels in the same order as the DER, but not the additional verification information that is only received in a DER. There are no changes to eICT interface transactions. EDRs, eICT and Targeted Low Income pages display labels in the same order for consistency.
3. Update the 'Verification' section to have a table that follows the same formatting as the 'Program Configuration' table on the Medi-Cal EDBC Summary page.

4. Update the 'View Differences' functionality on the MAGI Person Detail Page 'Verification' section to compare only the Admin Verif value on the DER to the data collection in The Systems for each Verification type and gray out the verification type and the Admin Verif value when there are no changes.
5. Update LRS/CalSAWS to no longer send Admin Verif SSN = Y in an EDR when there is no SSN and SSN is marked 'Verified'.

1.3 Overview of Recommendations

1. Update the eHIT logic to save the additional verification types and verification information received from CalHEERS on a DER.
2. Update the MAGI Person Detail page, 'Verification' section to display the new verification types and the additional information for each type on a DER.
3. Update the 'Verification' section to have a table to follow the same formatting as the 'Program Configuration' table on the Medi-Cal EDBC Summary page.
4. Update 'View Differences' functionality on the MAGI Person Detail Page 'Verification' section to gray out the Type and Admin Verified where the verification is not changed.
5. Update eHIT to not send Admin Verification SSN=Y in an EDR for an individual if the individual does not have an SSN.

1.4 Assumptions

1. There will be no changes to The Systems eHIT logic that determines if an Admin Verification is sent with 'Yes' or 'No' in an Eligibility Determination Request (EDR). LRS/CalSAWS has an exception when there is no SSN. See Recommendation 2.2.2.2.
2. The Verification ROP Expiration Date will not be displayed in the Verification section of the MAGI Person Detail page. The Verification ROP Expiration Date provided in the DER verification section only applies to the Covered California Program individuals and does not apply to MAGI Medi-Cal. CEWs manage and track the ROP due date for Medi-Cal individuals in the system. There are no changes to the CEW process for Medi-Cal ROP due dates.
3. No changes to eICT interface transactions.

2 RECOMMENDATIONS

2.1 MAGI Person Detail Page

2.1.1 Overview

The MAGI Person Detail Page displays information received from CalHEERS on the DER for each individual. At the bottom of the page, the Verification section lists each verification type and the additional verification information associated with each type. This page shows the verification type, its attested value, whether it was admin or e-verified, the CalHEERS status of the verification, the source and the cache dates for each type.

2.1.2 MAGI Person Detail Page Mockup

Verification							
Verification Type	**Admin Verified**	**e-Verified**	**Attested Value**	**Verif Status**	**Verif Source**	**Cache Begin Date**	**Cache Exp. Date**
SSN	Yes	Yes	123-45-5678	e-Verified	FDSH:SSA	05/01/2020	N/A
SSN Waiver							
Applied for SSN							
US Citizenship	Yes		Yes	Pass	SAWS	05/01/2020	N/A
Lawful Presence		No	N/A	Not Verified			
Qualified Non-Citizen		No	N/A	Not Verified			
Five Year Bar Exempt/Met		No	N/A	Not Verified			
PRUCOL		No	N/A	Not Verified			
PRUCOL - INS Ack							
MAGI Current Monthly Income		No	$3000.00	Pending	FDSH:IRS		
MAGI Projected Annual Income		No	N/A	Not Verified			
Federal Subsidy Income		No	$36000.00	Pending	FDSH:IRS		
State Subsidy Income							
MEC MEDS	No		No	Pass	SAWS	05/01/2020	08/1/2020
MEC Employer Sponsored		No	No	e-Verified	FDSH:ESI	05/01/2020	08/1/2020
MEC Non-Employer Sponsored		No	No	e-Verified	FDSH:Non-ESI		
Medicare	No		No	Pass	SAWS	05/01/2020	08/1/2020
Former Foster Youth							
Incarceration		No	No	e-Verified	FDSH:SSA	05/01/2020	08/1/2020
Deceased		No	No	e-Verified	FDSH:SSA	05/01/2020	08/1/2020
American Indian/Alaska Native							
CA Resident	Yes		Yes	Pass	SAWS	05/01/2020	N/A

Figure 2.1.1 – MAGI Person Detail Page – Verification Section for a DER

2.1.3 Description of Changes

1. Split out the MAGI Person Detail page to have a version of the 'Verification' section that applies only to DERs and a version that applies to EDRs, eICT and Targeted Low Income.
   a. Update the DER version per Recommendations 2 and 3
   b. Update the EDR, eICT and Targeted Low Income version per Recommendations 2a-2c (add new verification type labels, re-label and reorder).
2. Update the 'Verification' section on the MAGI Person Detail page to display the additional verification information provided in the DER as follows:
   a. Add the following new verification types:

Type Code	Type Description
AMI	American Indian/Alaska Native
SUI	Federal Subsidy Income
CAI	State Subsidy Income

   The DER version of the MAGI Person Detail page may receive data for these new verification types; the EDR, eICT and Targeted Low Income version will only have the new types as a label for consistency. The Systems will never send these Verification Types in an EDR or eICT; Targeted Low Income is obsolete.

   b. Re-label the following verification types:

Type Description Before	Type Description After
Residence	CA Resident
Date of Death	Deceased
Entitled to Medicare	Medicare
MEDS – Minimal Essential Coverage	MEC MEDS
ESI – Minimal Essential Coverage	MEC Employer Sponsored
Non- ESI – Minimal Essential Coverage	MEC Non-Employer Sponsored
Income	MAGI Current Monthly Income

Type Description Before	Type Description After
Projected Annual Income	MAGI Projected Annual Income
PRUCOL – INS Acknowledgement	PRUCOL – INS Ack
Was in Foster Care	Former Foster Youth

c. Reorder the Types to display on the page as follows:

Verification Type
SSN
SSN Waiver
Applied for SSN
US Citizenship
Immigration Status
Lawful Presence
Qualified Non-Citizen
Five Year Bar Exempt/Met
PRUCOL
PRUCOL - INS Ack
MAGI Current Monthly Income
MAGI Projected Annual Income
Federal Subsidy Income
State Subsidy Income
MEC MEDS
MEC Employer Sponsored
MEC Non-Employer Sponsored
Medicare
Former Foster Youth
Incarceration

Verification Type
Deceased
American Indian/Alaska Native
CA Resident

d. Add new columns as follows:

Column Name
Attested Value
Verif Status
Verif Source
Cache Begin Date
Cache Exp. Date

e. Add the following Verification Sources:

Code	Verification Source	Description
ADM	ADMIN	Admin
EDD	EDD	Employment Development Department
FDH	FDSH	Federal Data Services Hub
FDD	FDSH:DHS	Federal Data Services Hub: Department of Homeland Security
FDE	FDSH:ESI	Federal Data Services Hub: Employer Sponsored Insurance
FDF	FDSH:FTB	Federal Data Services Hub: Franchise Tax Board
EDF	FDSH:EDD	Federal Data Services Hub: Employment Development Department
FFE	FDSH:FTB:EDD	Federal Data Services Hub: Franchise Tax Board: Employment

Code	Verification Source	Description
		Development Department
FNE	FDSH:Non-ESI	Federal Data Services Hub: Non-Employer Sponsored Insurance
FDI	FDSH:IRS	Federal Data Services Hub: Internal Revenue Service
FDS	FDSH:SSA	Federal Data Services Hub: Social Security Administration
FTB	FTB	Franchise Tax Board
FTE	FTB:EDD	Franchise Tax Board: Employment Development Department
MEF	MEDS:FTB	Medi-Cal Eligibility Determination System: Franchise Tax Board
MER	MEDS	MEDS – Medi-Cal Eligibility Determination System Called for Residency Verification
MEC	MEDS	MEDS – Medi-Cal Eligibility Determination System Called for MEDS MEC Verification
NAP	Not Applicable	Not applicable
SAW	SAWS	SAWS – Statewide Automated Welfare Systems
SGV	Sight Verified	Sight Verified

f. Add the following Verification Statuses:

Code	Verification Status
EV	E-Verified
FA	Fail
NV	Not Verified
PA	Pass
PE	Pending

g. Update the table to follow the same formatting as the table in the 'Program Configuration' section on the Medi-Cal EDBC Summary page as shown below:

Figure 2.1.2 – Program Configuration Table on Medi-Cal EDBC Page

3. If a DER contains both an e-Verification and an Administrative Verification for the same Verification Type for an individual, display the 'Admin Verified' value and the rest of the values from the e-Verification.
    Note: CalHEERS should always only send either Administrative Verification or e-Verification in the DER, because the DER is supposed to represent the verification used in the Determination. However, the eHIT schema does not prevent CalHEERS from sending both. The Systems will save both into the database but will display per above if CalHEERS sends both. This recommendation is strictly to handle the scenario where CalHEERS incorrectly sends both an e-Verification and

an Administrative Verification for the same Verification Type for the individual.

4. Update 'View Differences' functionality on the MAGI Person Detail Page 'Verification' section to gray out the specific Verification Type and Admin Verif when the Admin Verification on the DER is the same as what is in The System.
Technical Note: The 'View Differences' functionality determines what The System *would* send in an EDR at the time the MAGI Person Detail View Differences pop-up page is loaded and then compares those values to the values received on the DER.

2.1.4 Page Location
- **Global: Case Info**
- **Local: IAT Summary**
- **Task: MAGI Referral Detail**

2.1.5 Security Updates
No changes.

2.1.6 Page Mapping
Update page mapping for each new field added to the Verification section for the DER view and the EDR/eICT view of the page.

2.1.7 Page Usage/Data Volume Impacts
No impacts.

2.2 eHIT Interface

2.2.1 Overview

Update eHIT to save the new verification information included in the DER to display in the MAGI Person Detail page 'Verification' section. In LRS/CalSAWS, update the EDR logic to not send a 'Yes' SSN admin verification when the individual does not have an SSN. The technical changes for eHIT Schema updates to handle this change are documented with SCRs CA-214445|CIV-106700 (CalHEERS eHIT: Update Interface Schema to version 16) in the same release as this SCR.

2.2.2 Description of Change

1. Update eHIT to save all verification types and their Attested Value, Verif Status, Verif Source, Cache Begin Date, Cache Exp. Date and ROP Due Date received on the DER. The values will display on the MAGI Person Detail page.

   a. When the verification is administratively verified, the administrative verification values will be populated.

Column Name	eHIT Element
Admin Verified	AdministrativeVerificationInd
Type	AdministrativeVerificationType
Attested Value	AdministrativeVerificationValue
Verif Status	AdministrativeVerificationStatus
Verif Source	AdministrativeVerificationSource
Cache Begin Date	AdministrativeVerificationBeginDate
Cache Exp. Date	AdministrativeVerificationEndDate
ROP Due Date	AdministrativeVerificationReasonableOpportunityExpirationDate

   b. When the verification is e-verified, the e-verification values are populated.

Column Name	eHIT Element
e-Verified	eVerificationInd
Type	eVerificationType
Attested Value	eVerificationValue
Verif Status	eVerificationStatus
Verif Source	eVerificationSource
Cache Begin Date	eVerificationBeginDate
Cache Exp. Date	eVerificationEndDate
ROP Due Date	eVerificationReasonableOpportunityExpirationDate

2. **LRS/CalSAWS only:** Update eHIT to not send Admin Verification for SSN =Y in the EDR when there is no SSN for an individual and the SSN is marked 'Verified'.

2.2.3 Counties Impacted

All Counties

2.2.4 Data Volume/Performance

No noticeable impact on performance.

Data volume for storing verification information in eHIT is expected to increase tenfold based on the additional information received on the DER and the data model changes in SCRs CA-214445 | CIV-106700 (CalHEERS eHIT: Update Interface Schema to version 16).

System	Transaction Type	Average number of records per month	Expected increase per month
C-IV	EDR	482,000	4,820,000
C-IV	DER	1,000,000	10,000,000
LRS/CalSAWS	EDR	662,000	6,620,000
LRS/CalSAWS	DER	1,288,000	12,880,000

2.2.5 Interface Partner

CalHEERS

3 REQUIREMENTS

3.1 Project Requirements

REQ #	REQUIREMENT TEXT	How Requirement Met
2.8.1.7	The LRS shall determine when an individual is eligible for Medi-Cal coverage and shall ensure that all required information is collected, eligibility is determined, and share of cost is computed.	Allows continued communication to CalHEERS to receive a MAGI Medi-Cal Eligibility Determination.
2.20.1.9	The LRS shall display summary and detailed interface LRS Data that has been received from external systems, as specified by COUNTY.	LRS will display the new and additional Verification information received on the DER received from CalHEERS.