

[CA-214445] CalHEERS eHIT: Update Interface Schema to version 16

Team Responsible:	CalHEERS	Assignee:	Maksim Volf	SPG Status:	Approved
Fix Version/s:	[20.09]	Designer Contact:	Renee Gustafson	Change Type (SCR):	Enhancement
Minor Version:		Expedite Changes:	No	Estimate:	825
Reporter:	Tisha Mutreja	Regulation Reference:		Created:	03/17/2020 02:41 PM
Status:	Ready for Committee	Impact Analysis:	[N/A]	Outreach Required:	
Policy/Design Consortium Contact:	Maureen Votta	Training Impacted:	[N/A]	Funding Source:	Premise
Project Phase (SCR):	Production	Migration Impact:	No	Funding Source ID:	CalHEERS
Committee:	[Medi-Cal/CMSP]	Approved by Committee:		Other Agency Cross Reference:	CH-157399, CIV-106700

Non-Committee

Review:

Expedite Approval:

Current Design:

Current eHIT schema version is 15 implemented in 20.06 with CH-154346.

The current data model stores each verification in a column on the same CH_Verif_Detl table. There are currently 17 verification types so that means there are 17 columns for verification indicators. This eHIT schema change adds three more verification types and 7 more attributes per type. Storing all of this data in one single row is not sustainable or scalable.

In C-IV, the Verification Detail page is updated with 'E-Verified' = "Yes" when a DER for the same verification type is received with e-Verified = Y. CalHEERS has caching rules that cause them to attempt to re-verify at certain intervals and the C-IV functionality never goes back and updates a Verification Detail page for an 'E-Verified' value other than "Yes". This is misleading. LRS/CalSAWS does not display this 'E-Verified' field on the Verification Detail page.

Request:

1. Update CalHEERS SAWS eHIT Interface Schema to version 16 for CalHEERS Release 20.09 with CH-157399. These are the technical changes to support the functional changes in CIV-106351 | CA-213468.
2. Update the Data Model to support additional attributes for each of the 20 verification types for Administrative and electronic verifications.
3. Stop populating the 'E-Verified' value on the Verification Detail page in C-IV. Migration SCR CA-207216 (DDID 2058 - Updates to CalHEERS e-Verifications) will update the data collection pages to display the e-Verification status from the latest DER now that CalHEERS includes more verification information in the DER. C-IV will still display the 'E-Verified' field on the Verification Detail page and old values will display; the field will be removed upon migration to LRS/CalSAWS and the C-IV counties will inherit the new e-Verification display per CA-207216.

Recommendation:

1. Update EHITSAWSCommonSchema to version 16 to add additional Verification elements received in a DER.

ManualVerificationType Node:

```

AdministrativeVerificationInd <--existing element
AdministrativeVerificationType <--existing element
AdministrativeVerificationValue <--new element
AdministrativeVerificationStatus <--new element
AdministrativeVerificationSource <--new element
AdministrativeVerificationBeginDate <--new element
AdministrativeVerificationEndDate <--new element
AdministrativeVerificationReasonableOpportunityExpirationDate <--new element

```

eVerificationsType Node:

```

eVerificationInd<--existing element
eVerificationType<--existing element
eVerificationValue<--new element
eVerificationStatus<--new element

```

eVerificationSource<--new element
 eVerificationBeginDate<--new element
 eVerificationEndDate<--new element
 eVerificationReasonableOpportunityExpirationDate<--new element

NOTE: AdministrativeVerificationReasonableOpportunityExpirationDate and eVerificationReasonableOpportunityExpirationDate will be saved to the database, but not displayed anywhere in The Systems. This ROP Exp Date is for a Covered California consumer's verification only and the Consortium does not want this to display for the CEW as it will cause confusion.

See attached Artifact(s) for Review - CR 157399 TDD.zip for full details.

CIV-106351|CA-213468 adds the functional changes for the new schema elements.

2. Update Data Model to accept and save additional values pertaining to the Verification used in the MAGI Determination. This will include copy of current CH_Verif records into a backup table and that data converted into the new version of CH_Verif.

3. Update eICT to read/write from the new CH_Verif table structure. The eICT interface itself will have no impacts.

See the attached design document for detailed data model design.

4. Stop populating the 'E-Verified' value on the Verification Detail page in C-IV.

5. Update eHIT outbound logic to save to the new CH_Verif data model.

Outreach

Description:

Migration Impact

Description:

Joint design has been approved through the Medi-Cal/CMSP Committee. C-IV will implement this change with CIV-106700 in the 20.09 release.

Migration Impact

Analysis:

Alternative

None

Procedure

Description:

Operational Impact:

Estimate:

825

Automated Test :	0	Batch/Interfaces :	12	Batch Operations :	0
CalHEERS :	346	CalHEERS Test :	204	Client Correspondence :	0
DBA :	42	Design :	0	Eligibility :	0
Fiscal :	0	Imaging :	0	IVR/CC :	0
Online :	0	Performance :	62	Release Communication Support :	41
Reports :	0	Reports Test :	0	Security :	0
System Test Support :	0	Tech Arch :	0	Tech Ops :	0
Training :	0				