FASAMS Requirements Document

Consolidate FASAMS versions Part 2 WI 587874

Created by: Renee Sessions

Dated: 2/24/2022

CONTENTS

GENERAL

VERSION CONTROL

Date	Version	Author(s)	Brief Description of Change
2/24/2022	1.0	Renee Sessions	Initial document creation
4/13 - 7/15/2022	1.1	Renee Sessions	Update requirements
8/1/2022	1.2	Jesse Lindsey	Updated reqs with developer recommendations. Added Final Estimate

STAKEHOLDERS

Role	Name
FEI Implementation Manager	Jesse Lindsey
FEI Account Manager	Chris Lanham
FEI Product Manager	Jessica Knott
DCF OITS Project Director	Nathan McPherson
DCF SAMH Project Sponsor	Richard Power
DCF Business Analysts	Sofia Castro / Victor Gaines

SUPPORTING DOCUMENTS AND REFERENCES

- DCF enhancement request form:
  https://unite.feisystems.com/collab/FASAMS/_layouts/15/DocIdRedir.aspx?ID=FEIDOC-1387-207613
- Requirements, Consolidate FASAMS Versions – Part 1:
  https://unite.feisystems.com/collab/FASAMS/_layouts/15/DocIdRedir.aspx?ID=FEIDOC-1387-207476

TERMS AND DEFINITIONS

Terms	Description

SCOPE

INITIAL REQUEST & ASSUMPTIONS

Business Statement

DCF requests the consolidation of FASAMS versions into a single database to support SAMH's reporting needs and facilitate data migration into a future system.

Scope Definition

FEI will consolidate the FASAMS versions into a single database.

Due to the large scope of this enhancement, the requirements are split into two parts and deployed over two consecutive releases. The requirements here include **Part 2** of the enhancement, encompassing all tasks following the data migration.

Part 2 Scope:

FEI will complete the following post-migration tasks.

- Support file submissions with or without "Version14" in the file name
  - All files submitted will be processed with the "Version14" job processor and stored in "Version14" database
    - Note: Database will be stripped of "Version14" designation following this enhancement
- Remove "Version14" from Version 14 database schema names
- Update all impacted extracts and task services that look for "Version14" specific tables
- Decommission the reporting database
  - Remove Reporting Database ETL from code
  - Remove all Reporting Database tables
  - Remove grant access to Reporting Database role and permission from UI
- Remove Version 13 TEDS temp tables and ETL processes
  -
- Remove all references to "Versions" in the system
  - Remove Version 13 database
  - Remove V13 as a parameter from all reports where Version can be selected.
- Update Rules Configuration Tab in UI
  - Remove Version 13 data sets from Rules Configuration screen in UI
  - Remove Version 14 from V14 data set names
- Create snapshot of FASAMS Production prior to removal of tables or data from the system
  - Including Jobs tables and Staging tables

Assumptions, Constraints, Dependencies

1. This is **Part 2** of a two-part enhancement.
2. Implementing this change will introduce duplicate data into the system.
3. No file submission will ever be processed by the Version 13 job processor in the future.
4. The FASAMS Reporting Database will no longer exist.
5. FASAMS will no longer have two (2) MCI interfaces, only one (1).
6. The Jobs and Staging tables will not be migrated from the Archive or Version13 into Version14.
   a. The Version13 Jobs and Submission tables will naturally be eliminated as part of Requirement 5, "Remove References to 'Version13'"
7. These changes will not require any updates to the interfaces from DCF or AHCA agencies

EXISTING FUNCTIONALITY

There are currently three (3) versions of FASAMS that DCF SAMH staff uses for reporting: V13 Archive (Snapshot), Version 13 database, and Version 14 database.

PROPOSED FUNCTIONALITY

FEI will consolidate records from Archive and Version 13 into current Version 14. In Part 1, only the migration of data will occur. The removal of references to "Version14" in tables, file names, and rules will occur in Part 2. Updates to task services will also occur in Part 2.

INITIAL ESTIMATE/ QUOTE HISTORY

Phase/ Quote Date	TFS Item #(s)	Description	Estimate/ Quote
2/24/2022	542905	Initial Estimate	Extra Large
4/6/2022	542905	Final Estimate	**Final Estimate:** Analysis – 80 Db Dev – 250 App Dev – 150 Test – 150 Acct / Project Management – 20 **Total – 650**
	542905	Rebaseline Estimate for Part 2	**Final Estimate:** Analysis – 40 Db Dev – 220 App Dev – 200 Test – 210 Acct / Project Management – 16 **Total – 686**

REQUIREMENTS

NOTES TO DEVELOPER

For a detailed list of questions/answers that arose during database development, please refer to the "Development & Testing Notes" section below.

1. SUPPORT FILE SUBMISSIONS WITH OR WITHOUT "VERSION14" IN FILE NAME

Req. ID	Requirement	Ref. ID	Dev	QA

1.0	Support file submissions with or without "Version14" in the file name
	• All files submitted will be processed with the "Version14" job processor and stored in "Version14" database
	   o **Note**: Database will be stripped of "Version14" designation following this enhancement
	• Examples of valid data set file names include:
	   o All should be processed by the V14 job processor
	      ▪ ProviderDataSet_20180215083045.xml
	      ▪ ProviderVersion14DataSet_20180215083045.xml
	      ▪ ClientDataSet_20180215083045.xml
	      ▪ ClientVersion14DataSet_20180215083045.xml
	      ▪ TreatmentEpisodeDataSet_20180215083045.xml
	      ▪ TreatmentEpisodeVersion14DataSet_20180215083045.xml
			☐	☐

Req. ID	Requirement	Ref. ID	Dev	QA

	▪ ServiceEventDataSet_20180215083045.xml
	    ▪ ServiceEventVersion14DataSet_20180215083045.xml
	    ▪ WaitingListDataSet_20180215083045.xml
	    ▪ WaitingListVersion14DataSet_20180215083045.xml
	    ▪ AcuteCareDataSet_20180215083045.xml
	    ▪ AcuteCareVersion14DataSet_20180215083045.xml
	    ▪ SubcontractDataSet_20180215083045.xml
	    ▪ SubcontractVersion14DataSet_20180215083045.xml
	    ▪ ContractDataSet_20180215083045.xml
	    ▪ ContractVersion14DataSet_20180215083045.xml			

2. CLEAN UP DATABASES AND REMOVE "VERSION14" FROM VERSION 14 DATABASE SCHEMA NAMES

Req. ID	Requirement	Ref. ID	Dev	QA

2.0	Remove "Version13" database and all V13 specific tables
	    • Including:
	        o V13 Staging tables
	        o V13 Data Set tables
	        o V13 Supporting temp tables
	        o V13 Rules tables			

2.1	Remove "Version14" from Version 14 database table names
	    • **Note**: the database will appear like the V14 tables have been removed and only the V13 tables remain but that will not be the case
	    • Update code so class names correspond
			☐	☐

Commented [JL1]: For DCF: All rule messages are in the same table. Should V13 error messages be removed?

3. UPDATE EXTRACTS AND TASK SERVICES

Req. ID	Requirement	Ref. ID	Dev	QA

3.0	Update all extracts and tasks services that look for "Version14" specific tables
	    • MasterClientIndex_MCI
	    • MasterClientIndex_MCI_Version14
	        o This interface will no longer exist after development
	    • MedicaidManagement_Encounter
	    • MedicaidManagement_EnrollmentAndEligibility
	    • ProviderLicensingAHCA
	    • ProviderLicensureDesignationsSystem_PLADS
	    • TedsExtract (to be handled in 5.0)			

Commented [RS2]: Question for Developers:
Will the MasterClientIndex_MCI replace the MasterClientIndex_MCI_Version14 naturally when "Version14" is removed from schema names?
If so, the name with MasterClientIndex_MCI_Version14 to be removed.

Commented [JL3R2]: To be confirmed during development

4. DECOMMISSION THE REPORTING DATABASE

Req. ID	Requirement	Ref. ID	Dev	QA
4.0	Decommission the reporting database for FASAMS		☐	☐
4.1	Remove all ETLs that support the Reporting Database		☐	☐
4.2	Remove Reporting Database and tables from server		☐	☐
4.3	Remove role and permission from UI that grant access to Reporting Database • Remove synchronization process between security server and SSMS for Reporting Db Role		☐	☐

Req. ID	Requirement	Ref. ID	Dev	QA
4.4	Create post-deployment scripts to execute these changes			

5. REMOVE VERSION 13 TEDS ETLs AND SUPPORTING TABLES

Req. ID	Requirement	Ref. ID	Dev	QA
5.0	Remove V13 ETL that supports TEDS		☐	☐
5.1	Remove V13 temp table that supports TEDS		☐	☐
5.2	Remove logic that combines V14 TEDS with V13 TEDS and de-ducuplicates		☐	☐

6. REMOVE REFERENCES TO "VERSION"

Req. ID	Requirement	Ref. ID	Dev	QA
6.0	Remove all references to "Version" in the FASAMS system		☐	☐
6.1	Remove Version 13 database		☐	☐
6.2	Remove PostJobProcessingSetProviderDatasetVersion and SubmissionModule.ProviderDatasetVersion		☐	☐

7. REMOVE "VERSION 13" RULE COLLECTION

Req. ID	Requirement	Ref. ID	Dev	QA
7.0	Remove version 13 specific rule collection		☐	☐
7.1	Remove version 13 customizer files • Manual deletion during deployment		☐	☐
7.2			☐	☐

8. REMOVE "VERSION" REFERENCES IN UI

Req. ID	Requirement	Ref. ID	Dev	QA
8.0	Remove Data Sets with "Version 14" from "Allowed Data Sets" tile under Administration tab > Submitting Entity Workspace		☐	☐
8.1	Remove Data Sets with "Version 14" from Confirguation tab > Rules tab • Ex. "Acute Care Version 14 Data Set"		☐	☐
8.2	Remove Data Sets with "Version 14" from Advanced Filtering parameters on Submission tab		☐	☐

DEVELOPMENT & TESTING NOTES

The following questions arose during database development. The questions and corresponding answers are here for reference.

1. QUESTIONS & ANSWERS FROM DATABASE DEVELOPMENT PHASE

ID	Description
Q1	The schema names (not table names) have Version14 in the name. Do they want the schema name to be without "Version14"? **Answer**: Yes, DCF wants the schema to be without Version14.
Q2	[From BA] Should we do a snapshot of Production after the migration, before any old records (potentially) get changed? **Answer**: Yes, we want o snap shot before any tables/data is removed. Snapshot should include Jobs and Staging tables
Q3	How will reports change (not the reporting database, but SSRS reports and the existing SSAS)? Ex: we have a client search report where one parameter is the version. The parameter is hard-coded, so if we only want Version 14 to appear I need to remove the V13 option. **Answer**: We will add to the requirements: Remove V13 as a parameter from all reports where Version can be selected. This will be part of Enhancement 584841
Q4	Will SubcontractVersion14Module_UpdateSubcontractAssociationsForAmendments be removed once the final consolidation is complete? **Answer:**
	Can we remove the piece of code that tracks what version providers submitted for each dataset (ex: where we tracked if a provider deleted all Version14 ServiceEvent then they could go back to Version13)? **Answer:** Confirmed. That code can be removed

Commented [RS4]: Confirm with DB Dev: Wouldn't we still need that process after the consolidation, just omitting migrated records?

ARE PAMPHLET UPDATES REQUIRED? YES ☐   NO ☒

Update ID	Pamphlet Chapter/Sections requiring change	Completed by FEI	Approved by DCF
		☐	☐
		☐	☐
		☐	☐
		☐	☐