



FEI Systems

Connecting Every Dimension of
Health and Human Services

FASAMS Requirements Document

Consolidate FASAMS versions WI 542905

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CONTENTS

General.....	3
Version Control	3
Stakeholders	3
Supporting Documents and References	3
Terms and Definitions	3
Scope.....	3
Initial Request & Assumptions	3
Business Statement.....	3
Scope Definition	3
Assumptions, Constraints, Dependencies.....	4
Existing Functionality	4
Proposed Functionality	5
Initial Estimate/ Quote History	5
Requirements.....	5
Notes to Developer	5
1. Combine Select Records from Archive and Version13	5
2. Migrate TemporaryVersion13 Records into Version14	5
3. Support File Submissions with or without "Version14" in File Name.....	6
4. Remove "Version14" from Version 14 Database Table Names.....	6
5. Update Extracts and Task Services.....	6
6. Decommission the Reporting Database.....	6
7. Remove References to "Version13"	6
Are Pamphlet update required? Yes <input type="checkbox"/> NO <input checked="" type="checkbox"/>	7



GENERAL

VERSION CONTROL

Date	Version	Author(s)	Brief Description of Change
1/12/2022	1.0	Jesse Lindsey	Initial document creation
4/13/2022	1.1	Renee Sessions	Update requirements

STAKEHOLDERS

Role	Name
FEI Implementation Manager	Jesse Lindsey
FEI Account Manager	Kristyn O'Reilly
FEI Product Manager	Jessica Knott
DCF OITS Project Director	Nathan McPherson
DCF SAMH Project Sponsor	Richard Power
DCF Business Analysts	Gregory Nix / Victor Gaines

SUPPORTING DOCUMENTS AND REFERENCES

- DCF enhancement request form: https://unite.feisystems.com/collab/FASAMS/_layouts/15/DocIdRedir.aspx?ID=FEIDOC-1387-207613

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.

The following approach was approved by DCF and is based on SAMH's current method of reporting.

- Use Archive (a.k.a. Snapshot) created for DCF prior to Version13 purge in 2021
- Combine Archive records and current Version13 records into TemporaryVersion13 database
 - TemporaryVersion13 database will exclusively be used for migration purposes and then removed
 - Archive records to be included that have ServiceEvent dates from 7/1/2018 – 3/31/2021

Commented [RS1]: Note for DCF: Updated from "NewVersion13" to "TemporaryVersion13" to prevent confusion

- Note: All ServiceEvent parent entities will be included, as required
- Version13 records to be included that have ServiceEvent dates from 4/1/2021 – 6/30/2021
 - Note: All ServiceEvent parent entities will be included, as required
- Migrate TemporaryVersion13 database records into Version14 database
 - DCF to provide migration logic to convert TemporaryVersion13 into Version14
 - Mapping document located here:
<https://unite.feisystems.com/collab/FASAMS/layouts/15/DocIdRedir.aspx?ID=FEIDOC-1387-207758>
 - Do not de-duplicate any records
 - Provide means of identifying the source of the record:
 - Prefix the SourceRecordIdentifier with “Migrated from V13” or “Migrated from Archive”
 - Note: SRI length field may need to be increased depending on character limit

Following the data migration, FEI will complete the following 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 table names
- Update all impacted extracts and task services that look for “Version14” specific tables
 - Exclude all records with SourceRecordIdentifier prefix of “Migrated from V13” and “Migrated from Archive” from extracts and tasks services
- 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 all references to “Version13” in the system
 - Remove Version 13 database

Assumptions, Constraints, Dependencies

1. The mapping documentation to convert TemporaryVersion13 into Version14 will need to be finalized to complete data migration.
2. No file submission will ever be processed by the Version 13 job processor in the future.
3. The FASAMS Reporting Database will no longer be accessible for query after this enhancement.
4. Implementing this change will introduce duplicate data into the system.
5. FASAMS will no longer have two (2) MCI interfaces, only one (1).

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.

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

REQUIREMENTS

NOTES TO DEVELOPER

1. COMBINE SELECT RECORDS FROM ARCHIVE AND VERSION13

Req. ID	Requirement	Ref. ID	Dev	QA
1.0	Combine the the following records from Archive (a.k.a. Snapshot) and Version13 to create a database named TemporaryVersion13 . <ul style="list-style-type: none"> • TemporaryVersion13 database will exclusively be used for migration purposes and then removed • Records from Archive: <ul style="list-style-type: none"> ○ ServiceEventArchiveSnapshot.ServiceEvent.ServiceDate = 7/1/2018 through 3/31/2021 <ul style="list-style-type: none"> ▪ Note: All ServiceEvent parent entities will be included, as required • Records from Version13: <ul style="list-style-type: none"> ○ ServiceEventVersion13Module.ServiceEvent.ServiceDate = 4/1/2021 through 6/30/2021 <ul style="list-style-type: none"> ▪ Note: All ServiceEvent parent entities will be included, as required 		<input type="checkbox"/>	<input type="checkbox"/>

2. MIGRATE TEMPORARYVERSION13 RECORDS INTO VERSION14

Req. ID	Requirement	Ref. ID	Dev	QA
2.0	Migrate TemporaryVersion13 database records into Version14 database <ul style="list-style-type: none"> • DCF to provide migration logic to convert TemporaryVersion13 into Version14 <ul style="list-style-type: none"> ○ Mapping document located here: https://unite.feisystems.com/collab/FASAMS/_layouts/15/DocIdRedir.aspx?ID=FEIDOC-1387-207758 • Do not de-duplicate any records • Provide means of identifying the source of the record: <ul style="list-style-type: none"> ○ Prefix the SourceRecordIdentifier with “Migrated from V13” or “Migrated from Archive” 		<input type="checkbox"/>	<input type="checkbox"/>

Req. ID	Requirement	Ref. ID	Dev	QA
	<ul style="list-style-type: none"> Note: SRI length field may need to be increased depending on character limit 			

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

Req. ID	Requirement	Ref. ID	Dev	QA
3.0	Support file submissions with or without "Version14" in the file name <ul style="list-style-type: none"> All files submitted will be processed with the "Version14" job processor and stored in "Version14" database <ul style="list-style-type: none"> Note: Database will be stripped of "Version14" designation following this enhancement 		<input type="checkbox"/>	<input type="checkbox"/>

4. REMOVE "VERSION14" FROM VERSION 14 DATABASE TABLE NAMES

Req. ID	Requirement	Ref. ID	Dev	QA
4.0	Remove "Version14" from Version 14 database table names		<input type="checkbox"/>	<input type="checkbox"/>

5. UPDATE EXTRACTS AND TASK SERVICES

Req. ID	Requirement	Ref. ID	Dev	QA
5.0	Update all extracts and tasks services that look for "Version14" specific tables <ul style="list-style-type: none"> Exclude all records with SourceRecordIdentifier prefix of "Migrated from V13" and "Migrated from Archive" from extracts and tasks services <ul style="list-style-type: none"> MasterClientIndex_MCI MasterClientIndex_MCI_Version14 MedicaidManagement_Encounter MedicaidManagement_EnrollmentAndEligibility ProviderLicensingAHCA ProviderLicensureDesignationsSystem_PLADS TedsExtract 		<input type="checkbox"/>	<input type="checkbox"/>

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

6. DECOMMISSION THE REPORTING DATABASE

Req. ID	Requirement	Ref. ID	Dev	QA
6.0	Decommission the reporting database for FASAMS		<input type="checkbox"/>	<input type="checkbox"/>
6.1	Remove all ETLs that support the Reporting Database			
6.2	Remove Reporting Database and tables from server			
6.3	Remove grant access to Reporting Database role and permission from UI			

7. REMOVE REFERENCES TO "VERSION13"

Req. ID	Requirement	Ref. ID	Dev	QA
7.0	Remove all references to "Version13" in the FASAMS system		<input type="checkbox"/>	<input type="checkbox"/>



Req. ID	Requirement	Ref. ID	Dev	QA
	<ul style="list-style-type: none">Remove Version 13 database			

ARE PAMPHLET UPDATE REQUIRED? YES NO

Update ID	Pamphlet Chapter/Sections requiring change	Completed by FEI	Approved by DCF
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>