



FEI Systems

Connecting Every Dimension of
Health and Human Services

FASAMS Requirements Document

AHCA Licenses and Add Original Effective Date Field for License
Module & WI 8683

Created by: Jesse Lindsey

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GENERAL

VERSION CONTROL

Date	Version	Author(s)	Brief Description of Change
2/28/2019	1.0	Jesse Lindsey	Initial document creation
3/1/2019	1.1	Yiwen Ma	FEi Internal Review
3/4/2019	1.2	Yiwen Ma	Added Req. 1.4 based on feedback from FEi Technical Review

STAKEHOLDERS

Role	Name
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SCOPE

INITIAL REQUEST & ASSUMPTIONS

Business Statement

Submitting Entities are having difficulties submitting their Acute Care Bed Capacity data due to: 1) AHCA not sending any historical license information past current license information. 2) FASAMS overwrites the expired AHCA licensing information when new license information is received from AHCA. The department needs FASAMS to maintain all expired license information in the licensing module for business purposes. This will allow submitting entities to enter OperationalBedCount data where the license has already expired. The original license effective date should also be retrieved from AHCA.

Scope Definition

Update AHCA licensing interface, update bed capacity license data from AHCA so all license is retained for historical reference, and update to Acute Care bed capacity submission validations.

Assumptions, Constraints, Dependencies

- We will need to coordinate with ACHA when working on this enhancement.
- There will be no gap between the effective time spans of the same license number.
- A license record from AHCA will not have updated values next time when it is sent to FASAMS again.

EXISTING FUNCTIONALITY

Currently the AHCA interface returns a series of data fields including LicenseEffectiveDate and LicenseExpirationDate which are stored in the FASAMS system. When new license information is returned through the interface, the license

row is overwritten in FASAMS to save the new data returned. Lastly, when Submitting Entities submit Acute Care datasets, the submission is validated using the LicenseEffectiveDate and LicenseExpirationDate to allow or reject the submission.

PROPOSED FUNCTIONALITY

The proposed functionality is threefold including updating the AHCA License interface, retaining historical license information in FASAMS for historical Acute Care dataset validations, and updating the validation method used when Acute Care datasets are submitted to FASAMS.

INITIAL ESTIMATE/ QUOTE HISTORY

Phase/ Quote Date	Item(s)	Description	Estimate/ Quote (in hours)
2/19/19	8683	Initial Estimate	90-180
3/4/19	8683	Final Estimate	Development: 60 Testing: 50 Analysis: 24 Acct/Project Management: 8 Total: 142

REQUIREMENTS

Req. ID	Requirement	Dev	QA																					
1.1	Update AHCA License interface																							
1.1.1	AHCA License interface will now include an additional field returned to FASAMS, OriginalLicenseDate	<input type="checkbox"/>	<input checked="" type="checkbox"/>																					
1.1.2	A new date column should be added to the table LicensingModule.ProviderLicensingInformation to store the corresponding values.	<input type="checkbox"/>	<input checked="" type="checkbox"/>																					
1.2	Retain AHCA license data in FASAMS (LicensingModule.ProviderLicensingInformation table) for historical Acute Care submissions and for future reference by DCF.																							
1.2.1	The existing AHCA records (LicenseSource = AHCA) in the table LicensingModule.ProviderLicensingInformation should NOT be cleared every time when running the AHCA interface to retrieve license data. Note: We will now consider a license as a new record only if we don't find an existing license with an exact match for the following columns: <ul style="list-style-type: none"> • License Number • LicenseSiteIdentifier (or Ahcafilenumber) • BedTypeName, • ServiceTypeCode, • LicenseEffectiveDate, • LicenseExpirationDate 	<input type="checkbox"/>	<input type="checkbox"/>																					
1.2.2	When store the license data retrieved from AHCA, <ul style="list-style-type: none"> • Insert a new row in ProviderLicensingInformation table only for the new AHCA records that do not exist in the table; • An AHCA record is considered as exists in the table already if its values in ALL columns match an existing row in ProviderLicensingInformation; Note: An AHCA record that was sent to FASAMS before will not have updated values when it is sent again next time.	<input type="checkbox"/>	<input type="checkbox"/>																					
1.3	Acute Care Bed Capacity dataset validation rule changes Note: The rule will be altered to cover the BedCapacity records that should be mapped to the historical AHCA licenses which were never sent to FASAMS. A work-around will be implemented to map these BedCapacity records, so that no error message will be thrown for them.																							
1.3.1	For the BedCapacity records that cannot be mapped based on the current validation rule, <ul style="list-style-type: none"> • If there are one or more AHCA license records where their Provider, Bed Type, Facility Type and Service Type match the BedCapacity's Provider, Facility Type and Age Group, and only thing that does not match is the dates (the BedCapacity's EffectiveDate does not fall within the license records' LicenseEffectiveDate and LicenseExpirationDate), then verify if the BedCapacity's Effective Date is earlier than the earliest LicenseEffectiveDate among all these partially matched license records; <ul style="list-style-type: none"> ○ If not, then this BedCapacity record should still be handled as un-matched record; ○ If yes, then as long the BedCapacity's EffectiveDate fall within this license records OriginalLicenseDate and LicenseExpirationDate, this BedCapacity should be mapped to this license with the earliest LicenseEffectiveDate; otherwise, this BedCapacity should be handled as un-matched record as well. 	<input type="checkbox"/>	<input type="checkbox"/>																					
Example	The following are three AHCA license records in FASAMS (with same Provider, Bed Type, Facility Type and Service Type): <table border="1" data-bbox="240 1759 1312 1854"> <thead> <tr> <th>#</th> <th>License Number</th> <th>Licensed Beds</th> <th>Original License Date</th> <th>License Effective Date</th> <th>License Expiration Date</th> <th>Note</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	#	License Number	Licensed Beds	Original License Date	License Effective Date	License Expiration Date	Note																
#	License Number	Licensed Beds	Original License Date	License Effective Date	License Expiration Date	Note																		

Req. ID	Requirement							Dev	QA												
	1	1234	25	02/08/2012	02/08/2014	02/07/2016	Initial data received by FASAMS														
	2	1234	30	02/08/2012	02/08/2016	02/07/2018	Updated license														
	3	1234	18	02/08/2012	02/08/2018	02/07/2020	Updated License														
	<p>The following are two BedCapacity records submitted to FASAMS (with same Provider, Facility Type and Age Group). They are match the three licenses above by Provider, Facility Type and Age Group, but not Effective Date.</p> <table border="1"> <thead> <tr> <th>#</th> <th>OperationalBedCount</th> <th>Effective Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>20</td> <td>01/01/2012</td> </tr> <tr> <td>2</td> <td>20</td> <td>03/25/2012</td> </tr> <tr> <td>3</td> <td>18</td> <td>01/01/2021</td> </tr> </tbody> </table> <p>Before this enhancement, none of the three BedCapacity records will be matched, because of their Effective Dates.</p> <p>After this enhancement,</p> <ul style="list-style-type: none"> The BedCapacity record #2 will be matched to the AHCA license record #1, because its EffectiveDate (03/25/2012) is earlier than the earliest LicenseEffectiveDate (02/08/2014) among all three, and falls within #1 license' OriginalLicenseDate an LicenseExpirationDate; The BedCapacity record #1 will remain un-matched, because its EffectiveDate is earlier than #1 license' OriginalLicenseDate; The BedCapacity record #3 will remain un-matched, because its EffectiveDate is NOT earlier than the earliest LicenseEffectiveDate among all three licenses. 									#	OperationalBedCount	Effective Date	1	20	01/01/2012	2	20	03/25/2012	3	18	01/01/2021
#	OperationalBedCount	Effective Date																			
1	20	01/01/2012																			
2	20	03/25/2012																			
3	18	01/01/2021																			
1.4	Verify that the existing report "Total Licensed Beds" is not impacted. <u>Note:</u> This report covers only the current effective bed capacity and license information, so the results of this report should not be affected by the change of the mapping logic in Req. 1.3.							<input type="checkbox"/>	<input type="checkbox"/>												
1.5	Add AHCALicenseNumber to the distinct field columns used to determine how to calculate bed capacity for FEIN																				