# Finalized Enhancements

## 1. Client Search Update  (467372)

- DCF requires the ability to quickly determine a client's Admission and Discharge dates plus Competency Status when running the Client Search report.
  - FEI will also add three new columns to the Client Search report including:
    - 'Admission Date' populated by AdmissionDate
    - 'Discharge Date' populated by DischargeDate
    - 'Competency Status' populated by CompetencyStatusDisplayName

  1.0 Update Client Search report in FASAMS to include new columns at right of existing columns
  - 1.0.1 Add the following column:
    - Column name: 'Admission Date'
      - o Populate from Admission.AdmissionDate
      - o If no Admission exists for the client, display as 'N/A'
  - 1.0.2 Add the following column:
    - Column name: 'Discharge Date'
      - o Populate from Discharge.DischargeDate
      - o If no Discharge exists for the admission, display as 'N/A'
  - 1.0.3 Add the following column:
    - Column name: 'Competency Status'
      - o Populate from Legal.CompetencyStatusDisplayName
      - o If no CompetencyStatusCode exists, display as 'N/A'

## 2. Create Pamphlet Chapter Companion Documents (475759)

- Submitting Entities have requested instructional material that provides condensed submission guidelines for FASAMS pamphlet chapters 3 through 10.
  - FEI will create chapter companion documents to function as quick reference guides (1-2 pages) that outline data set entities and fields and identify what is required versus optional.

  1.0 Create companion documents for FASAMS pamphlet chapters 3 through 10 containing condensed submission guides
  - 1.0.1 Create a table that shows the following for all FASAMS data sets:
    - Submitted Data Set
    - Submitted Entity
    - Submitted Data Element
    - Validating Data Set
    - Validating Entity
    - Validating Data Element
  - 1.0.2 Additional information will be added to this as the document evolves

### 3. Grant Access to Medicaid Tables in SSMS base table role (522086)

- DCF and the Submitting Entities identified the need to know Medicaid information for their clients' eligibility, enrollment, and encounters. They require the ability to query Medicaid data using SSMS for ProviderClients they submitted to FASAMS.
    - FEI will update the existing Base Table Access role to include the following Medicaid tables.

        - MedicaidModule.MedicaidEligibility
        - MedicaidModule.MedicaidEnrollment
        - MedicaidModule.MedicaidEncounterDiagnosis
        - MedicaidModule.MedicaidEncounterInstitutional
        - MedicaidModule.MedicaidEncounterPharmacy
        - MedicaidModule.MedicaidEncounterProfessional

        1.0    Update existing SSMS permissions to the role "FASAMS SSMS Base Table Access"
        1.0.1  Add read-only access to the following tables in MedicaidModule:
            - MedicaidEligibility
            - MedicaidEnrollment
            - MedicaidEncounterDiagnosis
            - MedicaidEncounterInstitutional
            - MedicaidEncounterPhrmacy
            - MedicaidEncounterProfessional

        2.0    Develop row level security for Medicaid tables based on submitting entity
        2.0.1  Create security predicate functions for Medicaid tables
            - Security for Medicaid tables will be based on SubmittingEntityKeyReference in ProviderClient table
            - Notes:
                o   Specific details for developing row level security for Medicaid tables will be added after developed.
                o   This process will restrict end users from seeing data not associated with their submitting entity or entities. An end user should only be able to query data based on the submitting entities assigned to the user's SSMS profile.
        2.0.2  Assign predicate function to the Medicaid tables.

## 4.    Remove Subcontract and Dependencies  (521775)

- DCF and the managing entities have determined that the subcontract data set, and its associated rules, create a burden for submitting Service Events into FASAMS. To resolve this, DCF wants all dependencies on the Subcontract to be removed via configuration and thoroughly tested by FEI.
- FEI will identify all rules associated to the Subcontract, write a script to automatically disabled those rules at deployment, and fully test the system to confirm Service Events have no submission barrier due to Subcontract rules.

  - **Create C# File to Disable rules that validate against Subcontract data set**
    - 1.0  Create C# file to disable the below rules as a post deployment script
    - 1.1  Treatment Episode data set rules to disable
    - 1.1.1        Subcontract Number Required If Contractual Relationship Code 2 Or 4 Rule
    - 1.1.2        No Subcontract Number If Contractual Relationship Code Not 2 Or 4 Rule
    - 1.1.3        Admission Date Must Be Within Beginning And Ending Dates Of Subcontract Or Contract Rule
    - 1.1.4        Subcontract Number Must Match Single Existing Subcontract Rule
    - 1.2  Service Event data set rules to disable
    - 1.2.1        Subcontract Number Required If Managing Entity Subcontract Or Both Rule
      - Rule in submission guidance document: Required when the Provider.ContractualRelationshipCode is 2 (Managing Entity Subcontract), or 5 (Both Direct DCF Contract and Managing Entity Subcontract) and the current admission is subcontracted.
    - 1.2.2        Subcontract Number Must Not Be Provided If Managing Entity Subcontract Or Both Rule
      - Rule in submission guidance document: Must not be provided if Provider.ContractualRelationshipCode is not 2 (Managing Entity Subcontract), or 5 (Both Direct DCF Contract and Managing Entity Subcontract) and the current admission is not subcontracted.
    - 1.2.3        Service Date Must Be Within Beginning And Ending Date Of Subcontract Or Contract Rule
    - 1.2.4        Subcontract Number Must Already Exist Rule
    - 1.2.5        Start Time Required If Direct Staff Minutes Or Non Direct Staff Minutes Rule
    - 1.3  **Waiting List data set rules to disable**
    - 1.3.1        Subcontract Number Required If Managing Entity Subcontract Or Both Rule
    - 1.3.2        Subcontract Number Must Not Be Provided If Managing Entity Subcontract Or Both Rule
    - 1.3.3        Specific Covered Service Codes Are Only Permitted For Subcontract Service Rule
    - 1.3.4        Subcontract Number Must Already Exist Rule

- 1.3.5       Placement Date Must Be Within The Beginning And Ending Dates Rule
- 1.4 **Acute Care data set rules to disable**
- 1.4.1       Subcontract Number Required If Managing Entity Subcontract Or Both Rule
- 1.4.2       Subcontract Number Must Not Be Provided If Not Managing Entity Subcontract Or Both Rule
- 1.4.3       Subcontract Number Must Already Exist Rule
- 1.5 **Subcontract data set rules to disable**
- 1.5.1       All rules in Subcontract data set will be disabled

o **Update unique constraint rules**

- 2.0 Update ServiceEvent, non-client Unique Constraint rule to replace SubcontractNumber w/ FEIN
- 2.0.1 Replace SubcontractNumber with FederalTaxIdentifier:
  - A non-client specific record will be rejected if the following composite fields are submitted AND already exist in the database with a different SRI than in the submission file:
    - Composite fields: Provider.CompositeKey (SubmittingEntityKey + FederalTaxIdentifier) + StaffIdentifier + CoveredServiceCode + HcpcsProcedureCode + ServiceDate + StartTime
      o Note: Removing ContractNumber and SubcontractNumber

- Update Error Message:
  - Error Message when record fails rule: "The SubmittingEntity + FederalTaxIdentifier + StaffIdentifier + CoveredServiceCode + HcpcsProcedureCode + ServiceDate + StartTime combination submitted already exists in the FASAMS database within the FASAMS version. Duplicate SRIs in FASAMS database: <insert comma separated SRIs (max 10)>

  - Root Cause: If you are attempting to update an existing record, correct the SRI in the file to the SRI previously submitted. If you are attempting to insert a new record, check the composite fields submitted for accuracy and resubmit."

- **Update ETL and CompositeKeyValue for matching non-client specific Service Events**
  - 3.0 Update ETL for matching on non-client specific service events to use FederalTaxIdentifier
  - 3.1 Create post deployment script to update CompositeKeyValue
- **QA FULLY TESTS SYSTEM FUNCTIONALITY**
  - 4.0 QA tests submitting all chapters including Subcontract data set

5. Decouple HCPCS Modifiers (535356)

- DCF requests that submitting entities be permitted to submit any two-character value in the HCPCS modifier field even if they do not exist in Appendix 1 or the FASAMS vocabulary.
- FEI convert ServiceEventHcpcsProcedureModifier.ModifierCode from vocabulary to string field type. FEI will update the system so that display name for known HCPCS modifiers will populate in the table.
- FEI will also fully remove business rule "Must Be Valid Modifier For Hcpc Rule" from FASAMS.

    o 1.0 Convert the field ServiceEventHcpcsProcedureModifier.ModifierCode from vocabulary type to string field
    o 1.0.1 Apply the following properties to ServiceEventHcpcsProcedureModifier.ModifierCode:
        • Field type: String
        • Character limit: 2 (two)
            o Via business rules
    o 1.0.2 Run script to restructure the table ServiceEventHcpcsProcedureModifier
    o 1.1 Fully remove business rule "Must Be Valid Modifier For Hcpc Rule" from FASAMS.