

Department of Veterans Affairs

VA/DoD VistA Fee-IPAC Interface Enhancement

FB*3.5*123

System Design Document



April 2014
Version 3.0

Revision History

Note: The revision history cycle begins once changes or enhancements are requested after the System Design Document has been baselined.

Date	Version	Description	Author
April 2014	3.0	VA/DoD Vista Fee-IPAC Interface Enhancement	[REDACTED]
October 2013	3.0	Tech Writer Review	[REDACTED]
October 2013	3.0	VA/DoD VistA Fee-IPAC Interface Enhancement	[REDACTED]
August 2011	2.0	VistA 5010 Project SDD - VistA Fee Enhancement 5 - Intra-governmental Payment and Collection (IPAC)	[REDACTED]
October 2009	1.0	Original project SDD - VA/DoD VistA Fee-IPAC Interface	[REDACTED]

Artifact Rationale

The System Design Document (SDD) is a dual-use document that provides the conceptual design as well as the as-built design. This document will be updated as the product is built, to reflect the as-built product. Per the Project Management Accountability System (PMAS) Guide, the SDD with conceptual design is required prior to the Milestone 1 Review. The as-built for each delivery must be incorporated prior to the Milestone 2 Review.

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1. Introduction

The Intra-governmental Payment and Collection System (IPAC) provides a standardized inter-agency fund transfer mechanism for Federal Program Agencies (FPA). It facilitates the intra-governmental transfer of funds, with descriptive data, from one FPA to another. Processing payments through IPAC provides the Financial Management Service (FMS) with the ability to meet its statutory requirements for accounting and reporting.

The new system functions will provide a streamlined method to send Department of Defense (DoD) claims to IPAC leveraging current Veterans Integrated Systems Technology Architecture (Vista) Fee application capabilities and data processes, and to provide the Department of Veterans Affairs (VA) with the ability to process electronically transmitted payments to any federal health care provider contracted to the VA.

Some of the information needed to process a claim through IPAC is more easily collected at local facilities and documented in Vista Fee. Other information is more easily obtained nationally by Central Fee. Federal Accounting Service Payment and Collection (FASPAC) (the web-based application used for processing documents to IPAC) does not currently have the ability to receive data electronically from Central Fee. Vista Fee, Central Fee and FASPAC will all be involved in processing a claim through IPAC.

This project brings the VA into compliance with the Department of Treasury and Veterans Health Administration (VHA) guidelines to use IPAC to make payments between Federal agencies. As sharing agreements expand between DoD and VHA facilities, the modifications made to Vista Fee will allow for the additions of additional agreements seamlessly.

1.1. Purpose of this document

The purpose of this document is to describe in sufficient detail how the proposed system is to be constructed. The SDD translates the requirement specifications into a document from which the developers can create the actual system. It identifies the top-level system architecture, and identifies hardware, software, communication, and interface components.

The intended audience for this document is the project Integrated Project Team (IPT), Office of Enterprise Development (OED), Enterprise Product Support (EPS), and VA Software Quality Assurance (SQA).

1.2. Identification

This document applies to the Vista Fee Basis system with modifications to the interfaces with the Central Fee system in Austin. The Vista Fee Basis patch number is FB*3.5*123.

1.3. Scope

The scope of this document is confined to the design specifications and modifications to the Vista Fee Basis system to accommodate the entry, edit, display, and transmission of the IPAC agreement information necessary to process a DoD claim through the VHA payment processes. The working assumption is that the DoD will submit claim data compliant with standard CMS forms.

Table 1: Scope Inclusions

Includes

Includes
No additional scope inclusions.

Table 2: Scope Exclusion

Excludes
No additional scope exclusions.

1.4. Relationship to Other Plans

There are no other plans pertaining to this SDD.

1.5. Methodology, Tools, and Techniques

There are no separate methodology, tools, or techniques required for this SDD.

1.6. Constraining Policies, Directives and Procedures

There are no constraints or requirements placed on this SDD by any policies, directives, or procedures.

1.7. Constraints

This project includes enhancements to the VistA Fee Basis system. We are constrained to modifications of the existing Fee Basis options, screens, and templates without attempting to re-design or re-engineer the existing systems. The existing menu system will have new menu options added into existing parent menu options. The existing interface with Central Fee will be modified so we are constrained by the use of Mailman for bi-directional communication between VistA and Central Fee. We are modifying an existing system and interface. The overall project is constrained by adequate and appropriate resources to complete development on the parts of Central Fee and FASPAC.

1.8. Design Trade-offs

The number of active IPAC agreements in place at local VistA Fee Basis systems is projected to be a very small number at any given time – perhaps only 1 or 2 active IPAC agreements to begin with and the data is intended to be quite static in nature. New IPAC agreements will be put into place each fiscal year for DoD Military Treatment Facilities. For this reason, a design trade-off has been made to simplify the data entry/edit/delete aspects of the system. There will not be a need for complicated List Manager screens to manage numerous IPAC agreements. Instead the application will be a simple select and edit through normal FileMan roll and scroll screen management.

1.9. User Characteristics

Primary users of this software will be VistA Fee Basis clerks who will enter and edit Fee Basis invoices for inpatient, outpatient, and pharmacy claims. These users will have additional data elements to capture and enter. Technical users include local IRM staff who will manage a new security key and menu options for assignment.

1.10. User Problem Statement

The existing problem is that the VA is not in compliance with the Department of Treasury mandate that all Federal Program Agencies (FPA) use the IPAC system for payment of monies from one FPA to another. Processing payments through IPAC provides the VA FMS system the ability to meet its statutory requirements and accounting and reporting.

2. Background

2.1. Overview of the System

The VistA Fee-IPAC Interface Enhancement system will allow for payments to be made from the VA to the DoD using the Department of Treasury IPAC system. Information about the IPAC Agreements between the DoD Military Treatment Facilities and the VA Medical Centers will be entered into a new table in VistA Fee Basis. This IPAC agreement data will be entered and maintained by Fee Basis users holding a certain security key. Payment data for inpatient, outpatient, and pharmacy invoices will be entered into and stored in VistA Fee Basis along with 2 new fields – the IPAC Agreement ID, and the DoD Invoice number. As payment batches are sent to Central Fee, these 2 new IPAC data elements will be included in the payment batches. Central Fee will store and send the necessary IPAC data elements to FASPAC for communication with the Treasury IPAC system itself.

The benefits of developing this system include added compliance with Federal Government directives to more fully use the IPAC system for federal payments between Government entities. The implementation of this system also fosters more and better communication and coordination between the VA and the DoD.

2.2. Overview of the Business Process

Please see section [6.2.1.1](#) for a diagram of the overview of the Business Process.

2.3. Assumptions

- 2.3.1.1.** The IPAC Agreement information will be made available in some format to allow Fee Basis Clerks to enter this information into the VistA Fee system.
- 2.3.1.2.** The DoD Invoice number will be available for all VistA invoices that need to be paid using IPAC. In other words, the DoD vendor shall provide a DoD Invoice number as a part of their invoice to the VA.
- 2.3.1.3.** Both the IPAC Agreement ID and the DoD Invoice number will be able to be stored in the new fields for all types of invoices (inpatient, outpatient, and pharmacy) regardless of the invoice being entered through VistA or through FBCS.
- 2.3.1.4.** New reject codes will be added to the FEE BASIS PAYMENT REJECT CODE file (#161.99) and Central Fee will tell the VistA development team what new reject codes and descriptions to add to this file (since the payment reject information comes from Central Fee).

2.4. Legacy System Retirement

N/A

3. Conceptual Design

This section of the SDD is not applicable to the VistA Fee Basis-IPAC Interface Enhancement project. Rather than specifying the conceptual design here, [section 6.2.1](#) provides for some conceptual design details under the Detailed Design in [section 6](#). Other design sections are in [section 5](#) for detailed Data Design, [section 6.2.2](#) for the design of the specific project requirements, and [section 7](#) for the External Interface Detailed Design. Other than this, all SDD template sections here in section 3 will be N/A.

3.1. Conceptual Application Design

N/A

3.1.1. Application Context

3.1.2. High-Level Application Design

N/A

3.1.3. Application Locations

N/A

3.1.4. Application Users

N/A

3.2. Conceptual Data Design

N/A

3.2.1. Project Conceptual Data Model

N/A

3.2.2. Database Information

N/A

3.2.3. User Interface Data Mapping

N/A

3.2.3.1. Application Screen Interface

N/A

3.2.3.2. Application Report Interface

N/A

3.2.3.3. Unmapped Data Element

N/A

3.3. Conceptual Infrastructure Design

N/A

3.3.1. System Criticality and High Availability

N/A

3.3.2. Special Technology

N/A

3.3.3. Technology Locations

N/A

3.3.4. Conceptual Infrastructure Diagram

N/A

3.3.4.1. Location of Environments and External Interfaces

N/A

3.3.4.2. Conceptual Production String Diagram

N/A

4. System Architecture

The System Architecture is the existing VistA Hospital Information System.

4.1. Hardware Architecture

Existing VistA hardware will be used. No changes to any hardware are needed.

4.2. Software Architecture

Software Architecture is VistA Fee Basis package utilizing the M/MUMPS programming environment. Software will be produced in a VistA patch with patch number FB*3.5*123 to be distributed via the National Patch Module (NPM) to all 130 production VistA databases.

4.3. Communications Architecture

Communications Architecture is existing VistA MailMan for both software delivery and for interfacing between VistA Fee and Central Fee.

5. Data Design

5.1. DBMS Files

There are no DBMS Files associated with this VistA Fee Basis software development project. The VA Fileman data dictionary file changes will be presented in the next section for Non-DBMS files.

5.2. Non-DBMS Files

5.2.1. File 161.4 – FEE BASIS SITE PARAMETERS

A new field shall be added to the FEE BASIS SITE PARAMTERS file (#161.4) to hold the last IPAC Agreement ID# used. This field will not be editable by the users.

Field Name	LAST IPAC NUMBER
Field Description	This is the last number used to create the ID# field in the IPAC VENDOR AGREEMENT file (#161.95). This number is automatically incremented for each new IPAC vendor agreement that is created.
Requirements Traceability Matrix	2.6.3.5
Field #	80
Node #	"IPAC"
Piece #	1
New Field	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data Type	<input type="checkbox"/> Date/Time <input checked="" type="checkbox"/> Numeric <input type="checkbox"/> Set of Codes <input type="checkbox"/> Free Text <input type="checkbox"/> Pointer to a File <input type="checkbox"/> Variable-Pointer
Identifier	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Uneditable Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mandatory Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Field Documentation or Help Changes Necessary	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Input Transform	K: +X' =X! (X>999999999) ! (X<1) ! (X?.E1". "1.N) X
Cross-Reference (id and type)	<input type="checkbox"/> Regular <input type="checkbox"/> Kwic <input type="checkbox"/> Mnemonic <input type="checkbox"/> Mumps <input type="checkbox"/> Soundex <input type="checkbox"/> Trigger <input type="checkbox"/> Bulletin

5.2.2. File 161.95 – IPAC VENDOR AGREEMENT FILE

The IPAC VENDOR AGREEMENT FILE (#161.95) is a new VistA data dictionary file. The purpose of this file is to hold all of the specific information pertaining to all of the IPAC vendor agreements. Each entry in this file is specific to a specific Fee Basis Vendor and a fiscal year. More than one IPAC agreement may be entered for the same vendor and fiscal year.

File Name and Number	IPAC VENDOR AGREEMENT FILE (#161.95)
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Requirements Traceability Matrix	2.6.1.1
Related Options	[FBAA IPAC AGREEMENT MENU] [FBAA IPAC AGREEMENT ENTER/EDIT] [FBAA IPAC AGREEMENT DELETE] [FBAA IPAC AGREEMENT VIEW]
Data Dictionary (DD) References	New File 161.95 stored in ^FBAA(161.95
Related Protocols	n/a

Related Integration Control Registrations (ICRs) Agreements	n/a
File Auditing, Security, and Archiving	DATA DICTIONARY ACCESS: @ READ ACCESS: # WRITE ACCESS: # DELETE ACCESS: # LAYGO ACCESS: # AUDIT ACCESS: # DD AUDIT: NO
File Documentation	STANDARD DATA DICTIONARY #161.95 -- IPAC VENDOR AGREEMENT FILE FILE SEP 26,2013@13:04:01 PAGE 1 STORED IN ^FBAA(161.95, *** NO DATA STORED YET *** SITE: TECHNICAL INTEGRATIO N SERVICE UCI: DEVVNN,DEVVNN (VERSION 3.5) DATA NAME GLOBAL DATA ELEMENT TITLE LOCATION TYPE ----- ----- This file contains Intra-governmental Payment and Collection System (IPAC) vendor agreement data that is applicable to Fee Basis invoices. Each record in this file is for a specific vendor and fiscal year. More than one record can be entered for the same vendor. When Fee invoices are entered, if the vendor being paid has an active IPAC vendor agreement on file the system will require the payment to be made via the IPAC system. This Department of Treasury system is used to transfer funds between government agencies. Per VHA Directive 2004-038, this file definition should not be modified. DD ACCESS: @ RD ACCESS: # WR ACCESS: # DEL ACCESS: # LAYGO ACCESS: # AUDIT ACCESS: # IDENTIFIED BY: VENDOR (#1) [R], FISCAL YEAR (#2) [R], STATUS (#3) [R], DESCRIPTION (#4) [R] POINTED TO BY: IPAC VENDOR AGREEMENT field (#1) of the IPAC VENDOR AGREEMENT MRA File (#161.96) IPAC AGREEMENT field (#.05) of the SERVICE PROVIDED sub-field (#162.03) of the INITIAL TREATMENT DATE sub-field (#162.02) of the VENDOR sub-field (#162.01) of the FEE BASIS PAYMENT File (#162) IPAC VENDOR AGREEMENT field (#14) of the FEE BASIS PHARMACY INVOICE File (#162.1) IPAC VENDOR AGREEMENT field (#87) of the FEE BASIS INVOICE File (#162.5)

CROSS REFERENCED BY: ID(B), VENDOR(V)		
INDEXED BY: VENDOR & STATUS (AVA)		
161.95,.01	ID	0;1 FREE TEXT (Required)
INPUT TRANSFORM: K:\$L(X)>10!(\$L(X)<3)!'(X'?1P.E) X		
LAST EDITED: MAR 5, 2014		
HELP-PROMPT: Answer must be 3-10 characters in length.		
DESCRIPTION: The ID is automatically generated by the software when a new record is created		
CROSS-REFERENCE: 161.95^B		
1)= S		
^FBAA(161.95,"B",\$E(X,1,30),DA)=" "		
2)= K ^FBAA(161.95,"B",\$E(X,1,30),DA)		
161.95,1	VENDOR	0;2 POINTER TO FEE BASIS VENDOR FILE (#161
.2) (Required)		
INPUT TRANSFORM: S DIC("S")="I		
\$P(\$G(^("AMS")),,"^",4)="F" "		
D ^DIC K DIC S DIC=DIE,X=+Y K:Y<0 X		
LAST EDITED: MAR 5, 2014		
HELP-PROMPT: Enter a vendor associated with this agreement. It must be federal vendor.		
DESCRIPTION: The federal vendor associated with the agreement. If a vendor has an active agreement on file, the system will force all payments to that vendor to be made via IPAC.		
SCREEN: S DIC("S")="I		
\$P(\$G(^("AMS")),,"^",4)="F" "		
EXPLANATION: Vendor must have FMS VENDOR TYPE equal to F (federal).		
CROSS-REFERENCE: 161.95^V		
1)= S		
^FBAA(161.95,"V",\$E(X,1,30),DA)=" "		
2)= K ^FBAA(161.95,"V",\$E(X,1,30),DA)		
RECORD INDEXES: AVA (#83)		
161.95,2	FISCAL YEAR	0;3 NUMBER (Required)
INPUT TRANSFORM:		
K:+X'=X!(X>9999)!(X<2000)!(X?.E1"."1N.N) X		
LAST EDITED: MAR 5, 2014		
HELP-PROMPT: Enter a four digit fiscal year (e.g. 2010).		
DESCRIPTION: The fiscal year is used to identify the applicable period for an agreement record. It is displayed as an identifier to assist in selection of the appropriate record.		
161.95,3	STATUS	0;4 SET (Required)
'N' FOR NEW;		
'A' FOR ACTIVE;		
'I' FOR INACTIVE;		
'D' FOR DELETE;		
LAST EDITED: MAR 5, 2014		
DESCRIPTION: Status of the record. The NEW status is only set by the system and it indicates a record that is partially entered and is missing some required fields. Once all required fields have been filed, the status is automatically changed to		

	ACTIVE.
	<p>TECHNICAL DESCR: The status of NEW will automatically be set when the record is created. The user may specify ACTIVE or INACTIVE with the application software if they are editing an agreement that has data for all of its required fields. If the user is editing an agreement that has no data for one or more required fields, the status field is not editable.</p> <p>SCREEN: S DIC("S")="I Y'="N""</p> <p>EXPLANATION: The NEW status is automatically set by the syst</p> <p>em.</p> <p>RECORD INDEXES: AVA (#83)</p> <p>161.95,4 DESCRIPTION 0;5 FREE TEXT (Required)</p> <p>INPUT TRANSFORM: K:\$L(X)>60!(\$L(X)<3) X</p> <p>LAST EDITED: MAR 5, 2014</p> <p>HELP-PROMPT: Answer must be 3-60 characters in length.</p> <p>DESCRIPTION: The description is an identifier. It is displayed during selection of an agreement to assist the user to make an appropriate choice.</p> <p>161.95,5 SHARING AGREEMENT NO. 0;6 FREE TEXT</p> <p>INPUT TRANSFORM: K:\$L(X)>13!(\$L(X)<1) X</p> <p>LAST EDITED: MAR 5, 2014</p> <p>HELP-PROMPT: Answer must be 1-13 characters in length.</p> <p>DESCRIPTION: The sharing agreement number that is related to the IPAC vendor agreement.</p> <p>161.95,6 CUSTOMER ALC 1;1 FREE TEXT (Required)</p> <p>INPUT TRANSFORM: K:\$L(X)>8!(\$L(X)<1) X</p> <p>LAST EDITED: MAR 5, 2014</p> <p>HELP-PROMPT: Answer must be 1-8 characters in length.</p> <p>DESCRIPTION: The customer ALC is the agency location code (ALC) of the government agency that will be paid.</p> <p>161.95,7 RECEIVER TAS 1;2 FREE TEXT (Required)</p> <p>INPUT TRANSFORM: K:\$L(X)>27!(\$L(X)<1) X</p> <p>LAST EDITED: MAR 5, 2014</p> <p>HELP-PROMPT: Answer must be 1-27 characters in length.</p> <p>DESCRIPTION: The treasury account symbol (TAS) for the government agency that will receive the IPAC transaction.</p> <p>161.95,8 SENDER TAS 1;5 FREE TEXT (Required)</p> <p>INPUT TRANSFORM: K:\$L(X)>27!(\$L(X)<1) X</p> <p>LAST EDITED: MAR 5, 2014</p> <p>HELP-PROMPT: Answer must be 1-27 characters in length.</p> <p>DESCRIPTION: The treasury account symbol (TAS) for the government agency that will send the transmission.</p> <p>161.95,8 AGENCY FIELD STATION NUMBER 1;3 FREE TEXT (Required)</p>

	<p>INPUT TRANSFORM: K:\$L(X)>8!(\$L(X)<1) X LAST EDITED: MAR 5, 2014 HELP-PROMPT: Answer must be 1-8 characters in length.</p> <p>DESCRIPTION: The accounting station number. This is a subdivision of the Customer ALC.</p>
161.95,9	<p>OBLIGATING DOCUMENT NO. 1;4 FREE TEXT (Required)</p> <p>INPUT TRANSFORM: K:\$L(X)>17!(\$L(X)<1) X LAST EDITED: MAR 5, 2014 HELP-PROMPT: Answer must be 1-17 characters in length.</p> <p>DESCRIPTION: The billing agencies internal accounting document number.</p>
161.95,10	<p>STATION CONTACT NAME 2;1 FREE TEXT (Required)</p> <p>INPUT TRANSFORM: K:\$L(X)>60!(\$L(X)<1) X LAST EDITED: MAR 5, 2014 HELP-PROMPT: Answer must be 1-60 characters in length.</p> <p>DESCRIPTION: Name of VA employee that should be contacted if there are questions about the IPAC transaction. This value will be included in the IPAC transaction.</p>
161.95,11	<p>STATION CONTACT PHONE 2;2 FREE TEXT (Required)</p> <p>INPUT TRANSFORM: K:\$L(X)>17!(\$L(X)<1) X LAST EDITED: MAR 5, 2014 HELP-PROMPT: Answer must be 1-17 characters in length.</p> <p>DESCRIPTION: Phone number for the station contact name.</p>
161.95,12	<p>STATION CONTACT EMAIL 2;3 FREE TEXT (Required)</p> <p>INPUT TRANSFORM: K:\$L(X)>100!(\$L(X)<1) X LAST EDITED: MAR 5, 2014 HELP-PROMPT: Answer must be 1-100 characters in length.</p> <p>DESCRIPTION: E-mail address for the VA employee that is the station contact.</p>
161.95,13	<p>COMPLETE LINE OF ACCOUNTING 3;1 FREE TEXT (Required)</p> <p>INPUT TRANSFORM: K:\$L(X)>60!(\$L(X)<1) X LAST EDITED: MAR 5, 2014 HELP-PROMPT: Answer must be 1-60 characters in length.</p> <p>DESCRIPTION: A line of accounting that is provided by the DoD military treatment facility. This value will be included at the beginning of the General Information on the IPAC transaction.</p>
161.95,14	<p>DESC. OF GOODS & SERVICES 4;1 FREE TEXT (Required)</p> <p>INPUT TRANSFORM: K:\$L(X)>200!(\$L(X)<1) X LAST EDITED: MAR 5, 2014 HELP-PROMPT: Answer must be 1-200 characters in length.</p> <p>DESCRIPTION: A brief description of the goods and services that are being paid for. This value will be included in the General Information of the IPAC transaction immediately after the</p>

	complete line of accounting.
	<p>161.95,15 MISCELLANEOUS INFO (1) 5:1 FREE TEXT</p> <p>INPUT TRANSFORM: K:\$L(X)>220!(\$L(X)<1) X LAST EDITED: MAR 5, 2014 HELP-PROMPT: Answer must be 1-220 characters in length.</p> <p>DESCRIPTION: The text (if any) in MISCELLANEOUS INFO (1) will be included in the Miscellaneous Information block of the IPAC transaction. Miscellaneous Information may be used to specify the address of the military treatment facility that is being paid and/or a point of contact at DFAS.</p>
	<p>161.95,16 MISCELLANEOUS INFO (2) 6:1 FREE TEXT</p> <p>INPUT TRANSFORM: K:\$L(X)>100!(\$L(X)<1) X LAST EDITED: MAR 5, 2014 HELP-PROMPT: Answer must be 1-100 characters in length.</p> <p>DESCRIPTION: The text (if any) in MISCELLANEOUS INFO (2) will be included in the Miscellaneous Information block of the IPAC transaction immediately after the text from MISCELLANEOUS INFO (1). Miscellaneous Information may be used to specify the address of the military treatment facility that is being paid and/or a point of contact at DFAS.</p>
	<p>FILES POINTED TO</p> <p>FEE BASIS VENDOR (#161.2)</p> <p>File #161.95</p> <p>Record Indexes:</p> <p>AVA (#83) RECORD REGULAR IR SORTING ONLY Short Descr: Index by vendor and status Description: This is an index by vendor and by status. Set Logic: S ^FBAA(161.95,"AVA",\$E(X(1),1,30),\$E(X(2),1,1),DA)="" Kill Logic: K ^FBAA(161.95,"AVA",\$E(X(1),1,30),\$E(X(2),1,1),DA) Whole Kill: K ^FBAA(161.95,"AVA") X(1): VENDOR (161.95,1) (Subscr 1) (Len 30) (forwards) X(2): STATUS (161.95,3) (Subscr 2) (Len 1) (forwards)</p> <p>INPUT TEMPLATE(S):</p> <p>PRINT TEMPLATE(S):</p> <p>SORT TEMPLATE(S):</p> <p>FORM(S)/BLOCK(S):</p>

5.2.3. File 161.96 – IPAC VENDOR AGREEMENT MRA

The IPAC VENDOR AGREEMENT MRA file (#161.96) is a new VistA data dictionary file. The purpose of this file is to track and monitor all additions, changes, and deletes that are made to the IPAC VENDOR AGREEMENT FILE (#161.95) and to manage the transmission of the IPAC vendor agreement data to Central Fee. The entries in this file will indicate a history of IPAC Vendor Agreement Master Record Adjustments (MRA) sent to Central Fee.

File Name and Number	IPAC VENDOR AGREEMENT MRA FILE (#161.96)								
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change								
Requirements Traceability Matrix	2.6.7.3								
Related Options	[FBAA IPAC AGREEMENT MRA MENU]								
Data Dictionary (DD) References	New File 161.96 stored in ^FBAA(161.96								
Related Protocols	n/a								
Related Integration Control Registrations (ICRs) Agreements	n/a								
File Auditing, Security, and Archiving	<p style="text-align: center;">DATA DICTIONARY ACCESS: @ READ ACCESS: # WRITE ACCESS: # DELETE ACCESS: # LAYGO ACCESS: # AUDIT ACCESS: # DD AUDIT: NO</p>								
File Documentation	<p>STANDARD DATA DICTIONARY #161.96 -- IPAC VENDOR AGREEMENT MRA FILE SEP 26,2013@13:12:49 PAGE 1 STORED IN ^FBAA(161.96, *** NO DATA STORED YET *** SITE: TECHNICAL INTEGRATION SERVICE UCI: DEVVNN,DEVVNN (VERSION 3.5)</p> <table border="1"> <thead> <tr> <th>DATA ELEMENT</th><th>NAME TITLE</th><th>GLOBAL LOCATION</th><th>DATA TYPE</th></tr> </thead> <tbody> <tr><td colspan="4">-----</td></tr> </tbody> </table> <p>This file contains Master Record Adjustment entries for the Intra-Governmental Payment and Collection (IPAC) Vendor Agreements.</p> <p>When IPAC Vendor Agreement information is added, edited, or deleted, this updated information is sent to the Central Fee system in Austin so the Central Fee master record data can have the same updates applied.</p> <p>Per VHA Directive 2004-038, this file definition should not be modified.</p> <p style="text-align: center;">DD ACCESS: @ RD ACCESS: # WR ACCESS: # DEL ACCESS: # LAYGO ACCESS: # AUDIT ACCESS: #</p> <p>CROSS REFERENCED BY: DATE TRANSMITTED (AD), STATUS (AS), SEQUENCE NUMBER (B)</p>	DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE	-----			
DATA ELEMENT	NAME TITLE	GLOBAL LOCATION	DATA TYPE						

	161.96,.01	SEQUENCE NUMBER	0;1 NUMBER (Required)
		INPUT TRANSFORM:	K:+X'=X!(X>999999999)!(X<1)!(X?.E1"."1N.N) X I \$D(X) S DINUM=X
		LAST EDITED:	JAN 28, 2014
		HELP-PROMPT:	Type a number between 1 and 999999999, 0 decimal digits.
		DESCRIPTION:	Sequence number is the same as the internal entry number (IEN) of the record.
		NOTES:	XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER
		CROSS-REFERENCE:	161.96^B 1)= S ^FBAA(161.96,"B",\$(X,1,30),DA)="" 2)= K ^FBAA(161.96,"B",\$(X,1,30),DA)
	161.96,1	IPAC VENDOR AGREEMENT	0;2 POINTER TO IPAC VENDOR AGREEMENT FILE FILE (#161.95)
		LAST EDITED:	MAR 5, 2014
		HELP-PROMPT:	Enter the IPAC agreement associated with this MRA.
		DESCRIPTION:	The IPAC VENDOR AGREEMENT that requires a master record adjustment (MRA) transaction be sent to Central Fee. This field is null when the action is DELETE. This is because the IPAC agreement has been removed from the data base.
	161.96,2	IPAC VENDOR AGREEMENT ID	0;3 FREE TEXT
		INPUT TRANSFORM:	K:\$L(X)>10!(\$L(X)<1) X
		LAST EDITED:	MAR 5, 2014
		HELP-PROMPT:	Answer must be 1-10 characters in length.
		DESCRIPTION:	The ID of the IPAC VENDOR AGREEMENT (@161.95). This value is used when generating delete MRAs since the IPAC VENDOR AGREEMENT will have already been deleted from fill 161.95.
	161.96,3	ACTION	0;4 SET
			'A' FOR ADD; 'C' FOR CHANGE; 'D' FOR DELETE; LAST EDITED: MAR 5, 2014 HELP-PROMPT: Please select a code from the list. DESCRIPTION: The type of master record adjustment (MRA).
	161.96,4	STATUS	0;5 SET
			'P' FOR PENDING; 'T' FOR TRANSMITTED; LAST EDITED: MAR 5, 2014 HELP-PROMPT: Please select a code from the list. DESCRIPTION: The status of the master record adjustment. There should not be more than one master record adjustment with a pending status for a given IPAC VENDOR AGREEMENT.
		CROSS-REFERENCE:	161.96^AS 1)= S ^FBAA(161.96,"AS",\$(X,1,30),DA)="" 2)= K ^FBAA(161.96,"AS",\$(X,1,30),DA) This cross-reference is used to select the MRAs that are pending transmission to Central Fee.
	161.96,5	DATE TRANSMITTED	0;6 DATE
		INPUT TRANSFORM:	S %DT="EX" D ^%DT S X=Y K:Y<1 X

	<p>LAST EDITED: MAR 5, 2014</p> <p>HELP-PROMPT: Enter the date the MRA was transmitted to Central Fee.</p> <p>DESCRIPTION: The date that the MRA was transmitted to Central Fee.</p> <p>CROSS-REFERENCE: 161.96^AD 1)= S ^FBAA(161.96,"AD",\$E(X,1,30),DA)="" 2)= K ^FBAA(161.96,"AD",\$E(X,1,30),DA) This cross-reference is used for purging and retransmissions.</p>
	<p>FILES POINTED TO</p> <p>IPAC VENDOR AGREEMENT FILE (#161.95)</p> <p>INPUT TEMPLATE(S):</p> <p>PRINT TEMPLATE(S):</p> <p>SORT TEMPLATE(S):</p> <p>FORM(S) /BLOCK(S):</p>
	<p>FIELDS</p> <p>IPAC VENDOR AGREEMENT (#1)</p>

5.2.4. File 162 – FEE BASIS PAYMENT

Two new fields will be created in the outpatient FEE BASIS PAYMENT file (#162) in the 162.03 subfile. The two new fields are the IPAC Agreement pointer and the DoD invoice number. These two fields are stored here with the outpatient invoice/payment data.

Field Name	IPAC AGREEMENT
Field Description	Pointer to the IPAC Agreement Record associated with this outpatient invoice/payment. Pointer to file 161.95.
Requirements Traceability Matrix	2.6.8.2 and 2.6.9.4
Field #	.05
Node #	3
Piece #	6
New Field	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data Type	<input type="checkbox"/> Date/Time <input type="checkbox"/> Numeric <input type="checkbox"/> Set of Codes <input type="checkbox"/> Free Text <input checked="" type="checkbox"/> Pointer to a File <input type="checkbox"/> Variable-Pointer
Identifier	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Uneditable Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mandatory Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Field Documentation or Help	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Changes Necessary	
Input Transform	n/a
Cross-Reference (id and type)	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Kwic <input type="checkbox"/> Mnemonic <input type="checkbox"/> Mumps <input type="checkbox"/> Soundex <input type="checkbox"/> Trigger <input type="checkbox"/> Bulletin

Field Name	DoD INVOICE NUMBER
Field Description	This is the DoD Invoice Number as it appears on the invoice from the DoD to the VA. This field is required when an active IPAC vendor agreement exists for the selected vendor.
Requirements Traceability Matrix	2.6.8.3 and 2.6.9.5
Field #	.055
Node #	3
Piece #	7
New Field	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data Type	<input type="checkbox"/> Date/Time <input type="checkbox"/> Numeric <input type="checkbox"/> Set of Codes <input checked="" type="checkbox"/> Free Text <input type="checkbox"/> Pointer to a File <input type="checkbox"/> Variable-Pointer
Identifier	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Uneditable Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mandatory Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Field Documentation or Help Changes Necessary	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Input Transform	K:\$L(X)>20!(\$L(X)<3) X
Cross-Reference (id and type)	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Kwic <input type="checkbox"/> Mnemonic <input type="checkbox"/> Mumps <input type="checkbox"/> Soundex <input type="checkbox"/> Trigger <input type="checkbox"/> Bulletin

5.2.5. File 162.1 – FEE BASIS PHARMACY INVOICE

One new field will be created at the file top level of this file to capture the pointer to the IPAC vendor agreement associated with the vendor of the pharmacy invoice/payment. The VENDOR field (#3) is also stored at this file top level. The two new fields are the IPAC Agreement pointer and the DoD invoice number. These two fields are stored here with the pharmacy invoice/payment data.

Field Name	IPAC VENDOR AGREEMENT
Field Description	Pointer to the IPAC Agreement Record associated with this outpatient invoice/payment. Pointer to file 161.95.
Requirements Traceability Matrix	2.6.8.2 and 2.6.9.4
Field #	14
Node #	0

Piece #	23
New Field	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data Type	<input type="checkbox"/> Date/Time <input type="checkbox"/> Numeric <input type="checkbox"/> Set of Codes <input type="checkbox"/> Free Text <input checked="" type="checkbox"/> Pointer to a File <input type="checkbox"/> Variable-Pointer
Identifier	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Uneditable Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mandatory Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Field Documentation or Help Changes Necessary	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Input Transform	n/a
Cross-Reference (id and type)	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Kwic <input type="checkbox"/> Mnemonic <input type="checkbox"/> Mumps <input type="checkbox"/> Soundex <input type="checkbox"/> Trigger <input type="checkbox"/> Bulletin

Another new field will be stored in the 162.11 PRESCRIPTION NUMBER subfile to the main FEE BASIS PHARMACY INVOICE FILE (#162.1). This new field will hold the DoD Invoice Number.

Field Name	DoD INVOICE NUMBER
Field Description	This is the DoD Invoice Number as it appears on the invoice from the DoD to the VA. This field is required when an active IPAC vendor agreement exists for the selected vendor.
Requirements Traceability Matrix	2.6.8.3 and 2.6.9.5
Field #	39
Node #	6
Piece #	1
New Field	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data Type	<input type="checkbox"/> Date/Time <input type="checkbox"/> Numeric <input type="checkbox"/> Set of Codes <input checked="" type="checkbox"/> Free Text <input type="checkbox"/> Pointer to a File <input type="checkbox"/> Variable-Pointer
Identifier	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Uneditable Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mandatory Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Field Documentation or Help Changes Necessary	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Input Transform	K: \$L (X) > 22 ! (\$L (X) < 3) X
Cross-Reference (id and type)	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Kwic <input type="checkbox"/> Mnemonic <input type="checkbox"/> Mumps <input type="checkbox"/> Soundex <input type="checkbox"/> Trigger <input type="checkbox"/> Bulletin

5.2.6. File 162.5 – FEE BASIS INVOICE

Two new fields will be created in this file for IPAC inpatient invoice/payments. The two new fields are the IPAC Agreement pointer and the DoD invoice number. These two fields are stored here with the inpatient invoice/payment data.

Field Name	IPAC VENDOR AGREEMENT
Field Description	Pointer to the IPAC Agreement Record associated with this outpatient invoice/payment. Pointer to file 161.95.
Requirements Traceability Matrix	2.6.8.2 and 2.6.9.4
Field #	87
Node #	5
Piece #	10
New Field	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data Type	<input type="checkbox"/> Date/Time <input type="checkbox"/> Numeric <input type="checkbox"/> Set of Codes <input type="checkbox"/> Free Text <input checked="" type="checkbox"/> Pointer to a File <input type="checkbox"/> Variable-Pointer
Identifier	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Uneditable Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mandatory Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Field Documentation or Help Changes Necessary	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Input Transform	n/a
Cross-Reference (id and type)	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Kwic <input type="checkbox"/> Mnemonic <input type="checkbox"/> Mumps <input type="checkbox"/> Soundex <input type="checkbox"/> Trigger <input type="checkbox"/> Bulletin

Field Name	DoD INVOICE NUMBER
Field Description	This is the DoD Invoice Number as it appears on the invoice from the DoD to the VA. This field is required when an active IPAC vendor agreement exists for the selected vendor.
Requirements Traceability Matrix	2.6.8.3 and 2.6.9.5
Field #	86
Node #	5
Piece #	7
New Field	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data Type	<input type="checkbox"/> Date/Time <input type="checkbox"/> Numeric <input type="checkbox"/> Set of Codes <input checked="" type="checkbox"/> Free Text <input type="checkbox"/> Pointer to a File <input type="checkbox"/> Variable-Pointer
Identifier	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Uneditable Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mandatory Field	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Field Documentation or Help Changes Necessary	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Input Transform	K:\$L(X)>22!(\$L(X)<3) X			
Cross-Reference (id and type)	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Kwic	<input type="checkbox"/> Mnemonic	<input type="checkbox"/> Mumps
	<input type="checkbox"/> Soundex	<input type="checkbox"/> Trigger	<input type="checkbox"/> Bulletin	

6. Detailed Design

6.1. Hardware Detailed Design

There are no additional hardware requirements for this project.

6.2. Software Detailed Design

6.2.1. Conceptual Design

6.2.1.1. Product Perspective

The Fee Basis application supports the Veterans Health Administration's (VHA) Fee for Service program. This program authorizes care for veterans who are legally eligible and in need of care that cannot feasibly be provided by VA facilities. A VA facility, unable to meet the patient care requirements of a veteran, may authorize fee basis services for short-term inpatient care, ongoing outpatient care, or home health care from non-VA health care facilities. Civil Hospitals (CH) or Community Nursing Homes (CNH) submit bills for service to the authorizing VA facility. The VA facility reviews the bills and transmits payment messages to the VA's Central Fee payment center at the Austin Information Technology Center (AITC). Central Fee also sends Payment Batch Result messages, Post Voucher Reject messages, and Payment Confirmation (or Cancellation) messages back into VistA Fee Basis. Additionally, for the Fee IPAC project, Central Fee has other bi-directional interfaces with FASPAC which has its own interfaces with the Dept. of Treasury IPAC system. This system design document describes the VistA Fee Basis modifications which are necessary to capture and use additional data to make payment using the IPAC system. The following figure shows the future state VA/DoD Fee IPAC Claims Payment Process Flow showing the relationships between and among DoD DFAS, VistA Fee, Central Fee, FASPAC, Treasury IPAC system, and FMS.

- VA Fileman version 22.0
- Fee Basis version 3.5

The details of the software interface modifications are discussed in section 7.2 – External Interface Design, Interface Detailed Design. The only direct, external interface trading partner with VistA Fee Basis is Central Fee and these interfaces are performed via Mailman messages.

6.2.1.1.4. Communications Interfaces

The VistA Fee-IPAC Enhancement project does not introduce any new communications interfaces. Some existing communications interfaces between VistA Fee Basis and Central Fee will be modified by this project to contain additional data. The VistA Fee Basis software utilizes VistA Mailman messages to transmit information to and receive information from Central Fee. The details of the software interface modifications are discussed in section 7.2 – External Interface Design, Interface Detailed Design.

6.2.1.1.5. Memory Constraints

This project does not contain any memory constraints.

6.2.1.1.6. Special Operations

This project does not contain or introduce any special operations.

6.2.1.2. Product Features

The VistA Fee-IPAC Interface Enhancement project contains VistA Fee Basis software modifications in the following high-level product features which will allow for the capture and use of additional data to be able to make Fee Basis payments using the IPAC system.

- Add, edit, delete, and display the data elements that comprise the IPAC vendor agreements.
- Transmit additions and changes to IPAC vendor agreements to Central Fee.
- Modify the entry/edit of vendor invoices to capture IPAC-required data elements.
- Transmit payment batches to Central Fee including the new IPAC data elements.
- Receive from Central Fee payment confirmation, cancellation, or rejection messages.
- Provide VistA Fee Basis reports to monitor and maintain IPAC payments.

6.2.1.3. User Characteristics

User Characteristics shall include the following:

Name	Description	Responsibilities
Primary Users	Fee Clerk who initiates processing of a Fee claim	Responsible for entering claim information into the VistA Fee software
Secondary Users	Fee Program Office, CBO, Senior Management who supervise Fee Program	Monitor and report on processing of claims for non-VA care
Secondary Users	Local Fiscal Office, Local IRM or ADPAC	Serve as identified point of contact if a problem is identified with the IPAC

	staff	transmission.
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VistA Fee Basis users that currently enter or review invoice/payments in VistA Fee Basis will enter or view the additional IPAC data elements.

6.2.1.4. Dependencies and Constraints

The success of this project is dependent upon multiple software development teams being able to work together for a common goal and under the same set of requirements and schedule limitations. Coordination and communication between and among VistA Fee, Central Fee, FBCS, and FASPAC resources is critical for success. Design, development, testing, and deployment of software interfaces to and from each of these applications is required for successful implementation of this project. Failure or delay by any one of the designated software development teams will result in a delay of the overall project.

6.2.2. Specific Requirements

6.2.2.1. Database Repository

The existing Fee Basis package of the VistA database shall be used for this enhancement. New fields will be added to existing files and new files will be added. Please see section 5.2 – Data Design for non-DBMS data files for a description of the VistA FileMan database files being created or edited for this project. No additional databases will be modified for this VistA Fee Basis development effort.

6.2.2.2. System Features

This section is organized in a format that matches the RSD. The functional requirements are listed here in an outline format with each section containing the Design for that particular requirement. The applicable design element tables are included with the design of each section.

6.2.2.2.1. Manage IPAC Vendor Agreement Records

6.2.2.2.1.1. VistA Fee shall be modified to allow the addition of new IPAC data fields that need to be captured for federal vendors to be paid through IPAC.

Design

Please see the design in section 5.2.2 discussing the new IPAC VENDOR AGREEMENT FILE (#161.95) and the new fields in this file to capture the IPAC Agreement information. Also see the design sections in sections 6.2.2.2.3 (Create an IPAC Agreement record).

6.2.2.2.1.2. Only users with the appropriate security key shall be able to add, edit, and/or delete the IPAC data fields. This file is intended to hold information needed to make IPAC payments that are applicable to a large number of invoices. Each record is applicable to one vendor for one fiscal year. When a user enters a federal vendor invoice/payment, they must select that vendor's IPAC Vendor Agreement record to associate with the invoice/payment.

Note: Central Fee will identify payments that must be made via IPAC based on the presence of the IPAC Vendor Agreement values in the payment detail line. If this value exists, the payment

must be made using IPAC. The data from the applicable record in the new master file will be used.

Design

Security Key Name	FB IPAC VENDOR	
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Related Options	[FBAA IPAC AGREEMENT MENU] [FBAA IPAC AGREEMENT ENTER/EDIT] [FBAA IPAC AGREEMENT DELETE] [FBAA IPAC AGREEMENT VIEW]	
Related Routines	Routines “Called By”	Routines “Called”
	Kernel menu system routines check if users possess the correct security key before entering the option.	
Security Key Description	Holders of this key are allowed to add/edit data in the IPAC VENDOR AGREEMENT FILE (#161.95).	
Subordinate Keys	n/a	
Mutually Exclusive Keys	n/a	
Granting Condition Logic	n/a	
Current Logic		
n/a		
Modified Logic (Changes are in bold)		
The add/edit/delete menu options will be locked with new security key FB IPAC VENDOR so that only key holders will be able to enter these options to make changes to the IPAC agreement data.		
Hierarchical Precedence	n/a	

6.2.2.2.2. Display the IPAC Vendor Agreement Menu

6.2.2.2.2.1. VistA Fee shall create a new menu called IPAC Vendor Agreements.

Design

Options	Activities
Option Name	FBAA IPAC AGREEMENT MENU
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.2.1
Associated Menu Options that will invoke this reference	FBAA VENDOR OPTIONS

Options	Activities
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	IPAC Vendor Agreement Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	This is the main IPAC Menu
Current List of Menu Items	
N/A	
Modified List of Menu Items (Changes are in bold)	
ITEM: FBAA IPAC AGREEMENT ENTER/EDIT DISPLAY ORDER: 1	
ITEM: FBAA IPAC AGREEMENT DELETE DISPLAY ORDER: 2	
ITEM: FBAA IPAC AGREEMENT VIEW DISPLAY ORDER: 3	

6.2.2.2.2.2. VistA Fee shall attach the new menu, IPAC Vendor Agreements, in the VistA Fee Vendor Menu option [FBAA VENDOR OPTIONS].

Design

Options	Activities
Option Name	FBAA VENDOR OPTIONS
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.2.2
Associated Menu Options that will invoke this reference	FBAA MEDICAL MAIN MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Vendor Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	Main menu for Vendor Optns
Current List of Menu Items	

Options	Activities
ITEM: FBAA VENDOR DEMOGRAPHICS ITEM: FBAA VENDOR PAYMENT DISPLAY ITEM: FBAA VENDOR LOOKUP ITEM: FBAA PHARMACY LOOKUP ITEM: FBAA VENDOR FPDS-ONLY ITEM: FB VEN FPDS BLANK	
Modified List of Menu Items (Changes are in bold)	
ITEM: FBAA VENDOR DEMOGRAPHICS ITEM: FBAA VENDOR PAYMENT DISPLAY ITEM: FBAA VENDOR LOOKUP ITEM: FBAA PHARMACY LOOKUP ITEM: FBAA VENDOR FPDS-ONLY ITEM: FB VEN FPDS BLANK ITEM: FBAA IPAC AGREEMENT MENU	

6.2.2.2.3. Create an IPAC Vendor Agreement

- 6.2.2.2.3.1. VistA Fee shall add a new file designed to contain the IPAC Vendor Agreement record fields (see Table A-1 – IPAC Vendor Agreement Records Fields). Fields with “Identifier” in the description are displayed during lookups on the file.

Table A-1 – IPAC Vendor Agreement Record Fields

Req. Field?	Field Name	Field Length/Description
Y	ID	Unique value assigned by VistA Fee <i>Key Field</i>
Y	VENDOR	Reference to FEE BASIS VENDOR <i>Identifier</i>
Y	FISCAL YEAR	Num(4) <i>Identifier</i>
Y	SHORT DESCRIPTION	Char(60) Free text <i>Identifier</i>
N	SHARING AGREEMENT	Char(13) Free text
Y	CUSTOMER ALC	Char(8) Free text
Y	RECEIVER TREASURY ACCOUNT SYMBOL (TAS)	Char(27) Free text
Y	SENDER TREASURE ACCOUNT SYMBOL (TAS)	Char(27) Free text
Y	AGENCY FIELD STATION NUMBER	Num(8) Free text
Y	OBLIGATING DOCUMENT NUMBER	Char(17) Free text
Y	COMPLETE LINE OF ACCOUNTING	Char(60) Free text
Y	DESCRIPTION OF GOODS AND SERVICES	Char(200) Free text
Y	STATION CONTACT NAME	Char(60) Free Text

Req. Field?	Field Name	Field Length/Description
Y	STATION CONTACT PHONE	Char(17) Free Text
Y	STATION CONTACT EMAIL	Char(100) Free Text
Y	STATUS	Set of Codes (Inactive) <i>Identifier</i>
N	MISCELLANEOUS INFORMATION (1)	Char(220) Free Text
N	MISCELLANEOUS INFORMATION (2)	Char(100) Free Text

Design

See the new file design in section 5.2.2 for the new fields and file# 161.95.

6.2.2.2.3.2. VistA Fee shall apply a screen to the vendor field such that only vendors with a FMS VENDOR TYPE = "F" are available for selection.

Design

This is to be accomplished with the use of an Input Transform on the VENDOR field (#1) in file# 161.95 which will only allow the selection of vendors from file 161.2 that have the FMS VENDOR TYPE field set to be "F" indicating that they are a federal vendor.

Field Name	VENDOR
Field Description	The federal vendor associated with the IPAC agreement.
Field #	1
Node #	0
Piece #	2
New Field	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Data Type	<input type="checkbox"/> Date/Time <input type="checkbox"/> Numeric <input type="checkbox"/> Set of Codes <input type="checkbox"/> Free Text <input checked="" type="checkbox"/> Pointer to a File <input type="checkbox"/> Variable-Pointer
Identifier	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Uneditable Field	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mandatory Field	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Field Documentation or Help Changes Necessary	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Input/Output Transform	S DIC("S")="I \$P(\$G(^("AMS")), ""^",4)="F""

6.2.2.2.3.3. VistA Fee shall create an option under IPAC Vendor Agreement menu option to ENTER/EDIT a new IPAC Vendor Agreement record.

Design

Options	Activities
Option Name	FBA IPAC AGREEMENT ENTER/EDIT

Options	Activities
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Menu Options that will invoke this reference	FBAA IPAC AGREEMENT MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Enter a new IPAC agreement
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input checked="" type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	FBAAIAE
Option Description	This option is used to enter a new IPAC agreement with a federal vendor
Current Entry Action Logic	
N/A	
Modified Entry Action Logic (Changes are in bold)	
Calls routine FBAAIAE	
Current Exit Action Logic	
N/A	
Modified Exit Action Logic (Changes are in bold)	
N/A	

6.2.2.2.3.4. VistA Fee shall lock the ENTER option with new security key FB IPAC VENDOR.

Design

See the design for section 6.2.2.2.1.2.

6.2.2.2.3.5. VistA Fee shall automatically assign a unique value to the ID field of a new IPAC Vendor Agreement record.

Design

See the design for section 6.2.2.2.3.6 for the algorithm for assigning a unique value to the ID field when adding a new IPAC agreement. The ID field is not editable and is automatically generated. See also the design for new field in section 5.2.1 for the LAST IPAC NUMBER field in the Fee Basis Site parameters file (#161.4).

- 6.2.2.2.3.6. VistA Fee shall prompt the user with the IPAC Vendor Agreement fields, with the exception of ID and STATUS fields, when entering IPAC Vendor Agreement record for a vendor. (See Table A-1 – IPAC Vendor Agreement Records Fields.)**

Design

Routine Name	FBAAIAE		
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability Matrix	2.6.3.6		
Related Options	FBAA IPAC AGREEMENT ENTER/EDIT		
Related Routines	Routines “Called By”	Routines “Called”	
	N/A		
Data Dictionary (DD) References	N/A		
Related Protocols	N/A		
Related Integration Control References (ICRs)	N/A		
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local		
Input Attribute Name and Definition	Name: Definition:		
Output Attribute Name and Definition	Name: Definition:		
Current Logic			
N/A			
Modified Logic (Changes are in bold)			
<p>Enter a new IPAC Vendor Agreement</p> <p>Prompt for Fee Basis vendor (screen on FMS VENDOR TYPE)</p> <p>Warn/List if any agreements exist for the specified vendor</p> <p>Prompt for Fiscal Year</p> <p>Confirm add</p> <p>Generate new ID</p> <p> Get station number (3 digit) based on site parameters</p> <p> Lock node ^ FBAA(161.95,0)</p> <p> Quit if lock not obtained</p> <p> Get last number from FEE BASIS SITE PARAMETERS</p> <p> Increment number</p> <p> Check IPAC Vendor Agreement file to ensure number available</p> <p> Update FEE BASIS SITE PARAMETERS</p> <p> Unlock the node ^ FBAA(161.95,0)</p> <p>Create record using generated ID, vendor and year. Set status to NEW</p>			

Routine Name	FBAAlAE
Lock record Edit record Use roll and scroll since not many entries are needed ID and Status can't be edited No need to edit vendor or year If time-out or up-arrow during edit then quit (leave incomplete record in file with status NEW) Update status to ACTIVE to indicate that it can be selected during invoice entry Queue MRA to update Central Fee agreement file (call A^FBAAlAQ) Unlock record	

6.2.2.2.3.7. VistA Fee shall allow a user to establish more than one (1) IPAC Vendor Agreement record per vendor.

Design

See the design for section 6.2.2.2.3.6.

6.2.2.2.4. Edit an IPAC Vendor Agreement

6.2.2.2.4.1. VistA Fee shall create an option under IPAC Vendor Agreement menu option to EDIT an IPAC Vendor Agreement record of a vendor.

Design

Options	Activities
Option Name	FBAAl IPAC AGREEMENT ENTER/EDIT
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Menu Options that will invoke this reference	FBAAl IPAC AGREEMENT MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Enter/Edit an IPAC agreement
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input checked="" type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	FBAAlAE
Option Description	This option will allow an authorized user to enter/edit an IPAC Agreement
Current Entry Action Logic	
N/A	
Modified Entry Action Logic (Changes are in bold)	

Options	Activities
Calls routine FBAAIAE	
Current Exit Action Logic	
N/A	
Modified Exit Action Logic (Changes are in bold)	
N/A	

6.2.2.2.4.2. VistA Fee shall lock the EDIT option with new security key FB IPAC VENDOR.

Design

See the design for section 6.2.2.2.1.2.

6.2.2.2.4.3. VistA Fee shall allow a user to edit all IPAC Vendor Agreement record fields (with the exception of the ID field), unless there are any invoices/payments linked to the record. In that case, the VENDOR and FISCAL YEAR fields are also not editable. (See Table A-1 – IPAC Vendor Agreement Records Fields.)

Design

Routine Name	FBAAIAE	
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.4.3	
Related Options	FBAA IPAC AGREEMENT ENTER/EDIT	
Related Routines	Routines “Called By”	Routines “Called”
	Not Applicable (N/A)	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	

Routine Name	FBAAIAE
Current Logic	
N/A	
Modified Logic (Changes are in bold)	
<p>Change an existing IPAC Vendor Agreement</p> <p>Select Agreement</p> <p>Lock record</p> <p> If can't lock then inform user and quit</p> <p>If status = NEW</p> <p> Notify user that agreement was not completely entered and may be missing data and is not currently selectable during invoice entry, It should either be completed (using this option) or deleted using a different option.</p> <p>Save copy of current data</p> <p>Edit fields</p> <p> If status = NEW then it cannot be edited</p> <p> Can't change the ID</p> <p> If any invoices point to the agreement, the vendor and fiscal year cannot be changed</p> <p>If status not equal NEW then</p> <p> If data was changed (current is different from saved) then call C^FBAAIAQ to queue a change MRA</p> <p>If status equals NEW then</p> <p> If all required fields have data then change status to active and call A^FBAAIAQ to queue an add MRA</p> <p>Unlock record</p>	

6.2.2.2.5. Delete an IPAC Vendor Agreement

6.2.2.2.5.1. VistA Fee shall create an option under IPAC Vendor Agreement menu option to **DELETE** an IPAC Vendor Agreement record.

Design

Options	Activities
Option Name	FBAA IPAC AGREEMENT DELETE
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Menu Options that will invoke this reference	FBAA IPAC AGREEMENT MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference

Options	Activities
Menu Text Description	Delete an IPAC agreement
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input checked="" type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	FBAAIAD
Option Description	This option will allow an authorized user to delete an IPAC agreement if there are no payments associated with this agreement
Current Entry Action Logic	
N/A	
Modified Entry Action Logic (Changes are in bold)	
Calls routine FBAAIAD	
Current Exit Action Logic	
N/A	
Modified Exit Action Logic (Changes are in bold)	
N/A	

6.2.2.2.5.2. VistA Fee shall lock the DELETE option with new security key FB IPAC VENDOR.

Design

See the design for section 6.2.2.2.1.2.

6.2.2.2.5.3. VistA Fee shall allow an IPAC Vendor Agreement record to be deleted only if there are no invoices/payments linked to that record.

Design

Routine Name	FBAAIAD	
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.5.3	
Related Options	FBAA IPAC AGREEMENT DELETE	
Related Routines	Routines "Called By"	Routines "Called"
	N/A	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	

Routine Name	FBAAIAD
Related Integration Control References (ICRs)	N/A
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local
Input Attribute Name and Definition	Name: Definition:
Output Attribute Name and Definition	Name: Definition:
Current Logic	
N/A	
Modified Logic (Changes are in bold)	
Delete an existing IPAC Vendor Agreement Select agreement. Check if referred to by any invoices If referred to then issue message and quit Display agreement (call VADISP^FBAAIAU) Confirm deletion Lock record – notify if can't get a lock and quit Delete record Call D^FBAAIAQ to queue a delete type MRA Unlock record	

6.2.2.2.6. Display an IPAC Vendor Agreement

6.2.2.2.6.1. VistA Fee shall create an option under IPAC Vendor Agreement menu to **DISPLAY** an IPAC Vendor Agreement record.

Design

Options	Activities
Option Name	FBAA IPAC AGREEMENT VIEW
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Menu Options that will invoke this reference	FBAA IPAC AGREEMENT MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference

Options	Activities
Menu Text Description	View IPAC Vendor Agreement
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input checked="" type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	FBAAIAV
Option Description	This option displays an IPAC agreement
Current Entry Action Logic	
N/A	
Modified Entry Action Logic (Changes are in bold)	
Calls routine FBAAIAV	
Current Exit Action Logic	
N/A	
Modified Exit Action Logic (Changes are in bold)	
N/A	

6.2.2.2.6.2. VistA Fee shall allow a user to select any IPAC Vendor Agreement record to display.

Design

See the design for section 6.2.2.2.6.3.

6.2.2.2.6.3. VistA Fee shall display all the fields for IPAC Vendor Agreement record in the IPAC Vendor Agreement Display Format layout.

Design

Routine Name	FBAAIAV	
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.6.3	
Related Options	FBAA IPAC AGREEMENT VIEW	
Related Routines	Routines “Called By”	Routines “Called”
	N/A	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	

Routine Name	FBAIAV
Related Integration Control References (ICRs)	N/A
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local
Input Attribute Name and Definition	Name: Definition:
Output Attribute Name and Definition	Name: Definition:
Current Logic	
N/A	
Modified Logic (Changes are in bold)	
Display an IPAC Vendor Agreement Prompt for agreement Prompt for device Check for queuing and create task if appropriate Queued Entry Point Open device Call VADISP^FBAIAU to display data If output is to screen then prompt 'press return to continue' Close device	

Routine Name	VIEW^FBAIAV	
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.6.3	
Related Options	N/A	
Related Routines	Routines "Called By"	Routines "Called"
	FBAIAV	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: FBIA Definition: IPAC agreement IEN (file #161.95)	

Routine Name	VIEW^FBAAIAV
Output Attribute Name and Definition	Name: Definition:
Current Logic	
N/A	
Modified Logic (Changes are in bold)	
<p>Display the input IPAC vendor agreement</p> <p>Display the input agreement in 22 lines of output in the following IPAC Vendor Agreement Display Format layout:</p> <pre> 1 2 3 4 5 6 7 0123456789012345678901234567890123456789012345678901234567890123456789 IPAC Vendor Agreement ID: XXXXXXXXXX Status: XXXXXXXX FY: XXXX Vendor: XX Desc: XX Sharing Agreement #: XXXXXXXXXXXX Customer ALC: XXXXXXXX Receiver TAS: XXXXXXXXXXXXXXXXXXXX Sender TAS: XXXXXXXXXXXXXXXXXXXX Agency Field Station #: XXXXXXXX Obligating Document #: XXXXXXXXXXXX Station Contact: Name: XX Phone: XXXXXXXXXXXXXXXX Email: XXXXXXXXXXXXXXXXXXXXXXXXXXXX XX Complete Line of Accounting: XX Description of Goods & Services: XX XX XX Miscellaneous Info: 1) XX XX XX 2) XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX Press RETURN to continue </pre>	

6.2.2.2.7. Transmit an IPAC Vendor Agreement to Central Fee

- 6.2.2.2.7.1. VistA Fee shall create a new transaction type for IPAC Vendor Agreement (similar to the existing Master Record Adjustment [MRA] transactions) to report to Central Fee all addition/edits/deletions to the IPAC Vendor Agreement file.

Design

Routine Name	AA^FBAAIAQ	
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.7.1	
Related Options	FBAA MRA IPAC ADD TYPE	
Related Routines	Routines “Called By”	Routines “Called”
	N/A	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		
N/A		
Modified Logic (Changes are in bold)		
<p>Create an add type IPAC agreement MRA in file 161.96 to update Central Fee without changing file 161.95</p> <p>Select agreement</p> <p>Check agreement status (call \$\$PENDMRA^FBAAIAQ)</p> <p>If agreement status = NEW then display message and quit</p> <p>Lock agreement</p> <p>If pending add type then no action necessary – notify user</p> <p>If pending change type then ask if it should be changed to an add type</p> <p>If no pending MRAs then create an add type MRA (call NEWMRA^FBAAIAQ)</p> <p>Unlock agreement</p>		

Routine Name	CC^FBAAIAQ	
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.7.1	
Related Options	FBAA MRA IPAC CHANGE TYPE	

Routine Name	CC^FBAAIAQ	
Related Routines	Routines "Called By"	Routines "Called"
	N/A	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		
N/A		
Modified Logic (Changes are in bold)		
<p>Create a change type IPAC agreement MRA in file 161.96 to update Central Fee without changing file 161.95.</p> <p>Select agreement</p> <p>Check agreement status (call \$\$PENDMRA^FBAAIAQ)</p> <p>If agreement status = NEW then display message, unlock record and quit</p> <p>Lock agreement</p> <p>If pending add type then ask if it should be changed to a change type</p> <p>If pending change type then no action necessary</p> <p>If no pending MRAs then create a change type MRA (call NEWMRA^FBAAIAQ)</p> <p>Unlock agreement</p>		

Routine Name	DD^FBAAIAQ	
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.7.1	
Related Options	FBAA MRA IPAC DELETE TYPE	
Related Routines	Routines "Called By"	Routines "Called"
	N/A	
Data Dictionary (DD)	N/A	

Routine Name	DD^FBAAIAQ				
References					
Related Protocols	N/A				
Related Integration Control References (ICRs)	N/A				
Data Passing	<input type="checkbox"/> Input	<input type="checkbox"/> Output Reference	<input type="checkbox"/> Both	<input type="checkbox"/> Global Reference	<input type="checkbox"/> Local
Input Attribute Name and Definition	Name: Definition:				
Output Attribute Name and Definition	Name: Definition:				
Current Logic					
n/a					
Modified Logic (Changes are in bold)					
Create a delete type IPAC agreement MRA in file 161.96 to update Central Fee without changing file 161.95.					
Select a Delete MRA transaction from a list of transmitted transactions					
Set the status of the transaction to Pending					
Delete the DATE TRANSMITTED field					

Routine Name	FBAARMRA	
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.7.1	
Related Options	FBAA REQUEUE MRA	
Related Routines	Routines "Called By"	Routines "Called"
	N/A	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input	<input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local
Input Attribute Name and Definition	Name: Definition:	

Routine Name	FBAARMRA
Output Attribute Name and Definition	Name: Definition:
Current Logic	
Re-queue already transmitted MRAs.	
<pre> FBAARMRA ;AISC/DMK-RETRANSMIT MRS's FOR A DATE ;25OCT89 ;;3.5;FEE BASIS;;JAN 30, 1995 ;;Per VHA Directive 10-93-142, this routine should not be modified. ASK W !! S %DT("A")="Re-transmit MRA's for which date: ",%DT="AEXP",%DT(0)= -DT D ^%DT K %DT(0),%DT("A") G END:X="^"! (X=""),ASK:Y<0 S FBAATD=Y I '\$D(^FBAA(161.25,"AD",FBAATD)), '\$D(^FBAA(161.26,"AD",FBAATD)) W !!,*7 ,"No MRA's were transmitted on that date!" G ASK D VEND:\$D(^FBAA(161.25,"AD",FBAATD)),VET:\$D(^FBAA(161.26,"AD",FBAATD)) D RTRAN^FBAAV0 END K D0,FBAATD,OCTD,J,K,XCNP,VAT Q VEND F J="O","P" F K=0:0 S K=\$O(^FBAA(161.25,"AD",FBAATD,J,K)) Q:K'>0 I \$D(^FBAA(161.25,K)) S \$P(^K(0),"^",5)="",^FBAA(161.25,"AE",J,K)=" K ^FBAA(161.25, "AD",FBAATD,J,K) Q VET W !!,?20,"Re-Transmitting",! F K=0:0 S K=\$O(^FBAA(161.26,"AD",FBAATD,K)) Q:K'>0 I \$D(^FBAA(161.26,K)) S \$P(^K(0),"^",5)="",\$P(^0),"^",2)="P",^FBAA(1 61.26,"AC","P",K)=" K ^FBAA(161.26,"AD",FBAATD,K),^FBAA(161.26,"AC","T",K) Q </pre>	
Modified Logic (Changes are in bold)	
Modify to include IPAC vendor agreement MRAs.	
<pre> FBAARMRA ;AISC/DMK-RETRANSMIT MRS's FOR A DATE ;25OCT89 ;;3.5;FEE BASIS;;JAN 30, 1995 ;;Per VHA Directive 10-93-142, this routine should not be modified. ASK W !! S %DT("A")="Re-transmit MRA's for which date: ",%DT="AEXP",%DT(0)= -DT D ^%DT K %DT(0),%DT("A") G END:X="^"! (X=""),ASK:Y<0 S FBAATD=Y Added ^FBAA(161.96,"AD") to following line I '\$D(^FBAA(161.25,"AD",FBAATD)), '\$D(^FBAA(161.26,"AD",FBAATD))' \$D(^FBAA(161.96,"AD",FBAAT D)) W !!,*7,"No MRA's were transmitted on that date!" G ASK D VEND:\$D(^FBAA(161.25,"AD",FBAATD)),VET:\$D(^FBAA(161.26,"AD",FBAATD)) Added following line D:\$D(^FBAA(161.96,"AD",FBAATD))IA(FBAATD) ; prepare IPAC MRAs for retransmission (FB*3.5*123) D RTRAN^FBAAV0 END K D0,FBAATD,OCTD,J,K,XCNP,VAT Q VEND F J="O","P" F K=0:0 S K=\$O(^FBAA(161.25,"AD",FBAATD,J,K)) Q:K'>0 I \$D(</pre>	

Routine Name	FBAARMRA
<pre> ^FBAA(161.25,K)) S \$P(^K(0),"^",5)="",^FBAA(161.25,"AE",J,K)=" K ^FBAA(161.25, "AD",FBAATD,J,K) Q VET W !!,?20,"Re-Transmitting",! F K=0:0 S K=\$O(^FBAA(161.26,"AD",FBAATD,K)) Q:K'>0 I \$D(^FBAA(161.26,K)) S \$P(^K(0),"^",5)="",\$P(^0),"^",2)="P",^FBAA(1 61.26,"AC","P",K)=" K ^FBAA(161.26,"AD",FBAATD,K),^FBAA(161.26,"AC","T",K) Q Added label IA to loop thru transmitted MRAs on the date and update to be re-transmitted Loop thru transmitted MRAs on specified date using "AD" x-ref Get agreement pointer and check for pending MRA (PENDMRA^FBAAIAQ) If pending MRA then perform following and quit If re-transmit is add and pending is change then change the pending to add If re-transmit is add and pending is delete then no action necessary If re-transmit is change and pending is add then no action necessary If re-transmit is change and pending is delete then no action necessary If re-transmit is delete and pending is add then remove add If re-transmit is delete and pending is change then change pending to delete If there was not a pending MRA then update re-transmit MRA by Set STATUS field to PENDING Delete DATE TRANSMITTED field ; IA(XMITDT) ; Prepare IPAC Agreement MRAs for re-transmission ; Input: XMITDT - Internal date to re-transmit IPAC Agreement MRAs for ; Output: IPAC Agreement MRAs for the selected date are prepared for re-transmission ; Called From: ASK N DIE,DA,DR,DTOUT,MRAACT,MRAIEN,K,TACT,VAID,VAIEN ; ; Loop through every transmitted Patient MRA record for the specified date and ; remove the transmitted date S K=0 F D Q:K'>0 . S K=\$O(^FBAA(161.96,"AD",XMITDT,K)) . Q:'K . ; . ; IPAC vendor agreement IEN in file 161.95 for this transmitted MRA . S VAIEN=\$P(\$G(^FBAA(161.96,K,0)),U,2),MRAIEN="" . S VAID=\$P(\$G(^FBAA(161.96,K,0)),U,3) . ; . ; This must be an Add or a change MRA record for an Agreement that was . ; later deleted - Skip it . I VAIEN="" ; \$D(^FBAA(161.95,VAIEN)) Q . I VAIEN S MRAIEN=\$\$PENDMRA^FBAAIAQ(VAID,.,MRAACT) . ; </pre>	

Routine Name	FBAARMRA
<pre> ; ; if there is an existing Pending MRA, then we'll use it and get out . I MRAIEN>0 D Q . . S TACT=\$P(\$G(^FBAA(161.96,K,0)),U,4) ; Action value of transmitted MRA . . I TACT="A",MRAACT="C" D ; Change pending action to add action . . . S DIE=161.96,DA=MRAIEN,DR="3///A" . . . D ^DIE . ; . ; Otherwise, change the status of this MRA back to Pending and remove the Date Transmitted field . I \$D(^FBAA(161.96,K)) D . . S DIE=161.96,DA=K . . S DR="4///P" ; Set the status back to Pending . . S DR=DR_"5///@" ; Remove the transmitted date from the record . . D ^DIE Q </pre>	

Routine Name	FBAAV0		
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability Matrix	2.6.7.1		
Related Options	FBAA QUEUE DATA FOR TRANS.		
Related Routines	Routines “Called By”	Routines “Called”	
	N/A		
Data Dictionary (DD) References	N/A		
Related Protocols	N/A		
Related Integration Control References (ICRs)	N/A		
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local		
Input Attribute Name and Definition	Name: Definition:		
Output Attribute Name and Definition	Name: Definition:		
Current Logic			
FBAAV0 ;AISC/GRR - ELECTRONICALLY TRANSMIT FEE DATA ;7/9/2009 ;;3.5;FEE BASIS;**3,4,55,89,98,108**;JAN 30, 1995;Build 54 ;;Per VHA Directive 2004-038, this routine should not be modified. K ^TMP(\$J,"FBAABATCH"),^TMP(\$J,"FBVADAT") D DT^DICRW I '\$D(^FBAA(161.7,"AC","S")),\$D(^FBAA(161.7,"AC","R")),\$D(^FBAA(161.2			

Routine Name	FBAAV0
<pre> 5,"AE")),\$S(\$D(^FBAA(161.26,"AC","P")):1,\$O(^FBAA(161.26,"AC","P",0))>0:1,1:0) W !,*7,"There are no transactions requiring transmission",*7 Q W !,"This option will transmit all Batches and MRA's ready to be transmitted",!,"to Austin" RD W !! S DIR(0)="Y",DIR("A")="Are you sure you want to continue",DIR("B") ="No" D ^DIR K DIR G END:'Y L +^FBAA(161.7,"AC"):0 G:\$T LOCK^FBAAUTL1 W !,"The following Batches will be transmitted: " F FBSTAT="S","R" F J =0:0 S J=\$O(^FBAA(161.7,"AC",FBSTAT,J)) Q:J>0 S FBATCH=\$G(^FBAA(161.7,J,0)) D .Q:'+FBATCH .I (FBSTAT="S"&(\$P(FBATCH,U,15)="Y"))!(+\$P(FBATCH,U,9)) S ^TMP(\$J,"FBAA BATCH",J)=" " W !,+FBATCH RTRAN ;Entry from Re-transmit MRA routine D ADDRESS^FBAAV01 G END:VATERR K VAT D WAIT^DICD,STATION^FBAAUTL,HD^FBAAUTL I \$D(FB("ERROR")) G END S TOTSTR=0,\$P(PAD," ",200)=" " D ^FBAAV1:\$D(^FBAA(161.25,"AE")) D ^FBAAV4:\$D(^FBAA(161.26,"AC","P")) F J=0:0 S J=\$O(^TMP(\$J,"FBAABATCH",J)) Q:J>0 I \$D(^FBAA(161.7,J,0)) S Y(0)=^(0) D SET1,DET:FBAABT="B3",DETP^FBAAV2:FBAABT="B5",DETT^FBAAV3:FBAABT="B2 ",^FBAAV5:FBAABT="B9" END L -^FBAA(161.7,"AC") D KILL^FBAAV1 Q </pre>	
Modified Logic (Changes are in bold)	
<p>Modify to include IPAC vendor agreement MRA messages.</p> <pre> FBAAV0 ;AISC/GRR - ELECTRONICALLY TRANSMIT FEE DATA ;7/9/2009 ;3.5;FEE BASIS;**3,4,55,89,98,108**;JAN 30, 1995;Build 54 ;Per VHA Directive 2004-038, this routine should not be modified. K ^TMP(\$J,"FBAABATCH"),^TMP(\$J,"FBVADAT") D DT^DICRW N FBTRT S FBTRT=0 ; Flag indicating if any transactions are found that need to be transmitted I \$D(^FBAA(161.7,"AC","S")) S FBTRT=1 ; supervisor closed batch I \$D(^FBAA(161.7,"AC","R")) S FBTRT=1 ; reviewed after pricer batch I \$D(^FBAA(161.25,"AE")) S FBTRT=1 ; vendor correction I +\$O(^FBAA(161.26,"AC","P",0)) S FBTRT=1 ; FB patient master record changes Include 161.96 in check of pending transmissions done I +\$O(^FBAA(161.96,"AS","P",0)) S FBTRT=1 ; ipac vendor agreement MRA changes I 'FBTRT W !,*7,"There are no transactions requiring transmission",*7 Q ; W !,"This option will transmit all Batches and MRA's ready to be transmitted",!,"to Austin" RD W !! S DIR(0)="Y",DIR("A")="Are you sure you want to continue",DIR("B") ="No" D ^DIR K DIR G END:'Y L +^FBAA(161.7,"AC"):0 G:\$T LOCK^FBAAUTL1 W !,"The following Batches will be transmitted: " F FBSTAT="S","R" F J </pre>	

Routine Name	FBAAV0
<pre> =0:0 S J=\$O(^FBAA(161.7,"AC",FBSTAT,J)) Q:J>0 S FBATCH=\$G(^FBAA(161.7,J,0)) D .Q:+FBATCH .I (FBSTAT="S"&(\$P(FBATCH,U,15)="Y"))!(+\$P(FBATCH,U,9)) S ^TMP(\$J,"FBAA BATCH",J)=" " W !,+FBATCH RTRAN ;Entry from Re-transmit MRA routine D ADDRESS^FBAAV01 G END:VATERR K VAT D WAIT^DICD,STATION^FBAAUTL,HD^FBAAUTL I \$D(FB("ERROR")) G END S TOTSTR=0,\$P(PAD," ",200)=" " D ^FBAAV1:\$D(^FBAA(161.25,"AE")) D ^FBAAV4:\$D(^FBAA(161.26,"AC","P")) Call FBAAV8 if there are any pending IPAC MRAs in file 161.96 D ^FBAAV8:\$D(^FBAA(161.96,"AS","P")) ; IPAC agreement MRA F J=0:0 S J=\$O(^TMP(\$J,"FBAABATCH",J)) Q:J>0 I \$D(^FBAA(161.7,J,0)) S Y(0)=^(0) D SET1,DET:FBAABT="B3",DETP^FBAAV2:FBAABT="B5",DETT^FBAAV3:FBAABT="B2 ",^FBAAV5:FBAABT="B9" END L ^FBAA(161.7,"AC") D KILL^FBAAV1 Q </pre>	

Routine Name	FBAAV8		
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability Matrix	2.6.7.1		
Related Options	N/A		
Related Routines	Routines “Called By”	Routines “Called”	
	FBAAV0		
Data Dictionary (DD) References	N/A		
Related Protocols	N/A		
Related Integration Control References (ICRs)	N/A		
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local		
Input Attribute Name and Definition	Name: Definition:		
Output Attribute Name and Definition	Name: Definition:		
Current Logic			
N/A			
Modified Logic (Changes are in bold)			
Create and send messages to Central Fee for pending IPAC vendor agreement MRAs.			

Routine Name	FBAAV8
<p>New local variables</p> <p>Initialize</p> <p> Set ZMCNT=0 (count of MRAs in current message)</p> <p>Loop thru pending IPAC vendor agreement MRAs (using file 161.96 x-ref on STATUS field)</p> <p> Examine MRA data</p> <p> Examine IPAC Vendor Agreement Data</p> <p> Build text for MRA into local array based on format specified in spreadsheet</p> <p> Note that MRA text for a DELETE transaction is different than ADD or CHANGE.</p> <p> At this point, there is a valid MRA that needs to be sent</p> <p> If MRA count > 27 then send current message (to ensure size is less than 32K)</p> <p> Call SENDMSG</p> <p> If no pending message (\$G(FBOKTX) not true) then create a new message</p> <p> Get batch number</p> <p> Build message header</p> <p> Call NEWMSG^FBAAV01 to create a new mail message</p> <p> Call STORE^FBAAV01 to store the message header in the message text</p> <p> Load MRA text from array into the message</p> <p> Loop thru array</p> <p> Set FBSTR = a string from the array</p> <p> Call STORE^FBAAV01 to store FBSTR in the message text</p> <p> Increment MRA count (ZMCNT)</p> <p> Save IEN of MRA is list</p> <p>If pending message (\$G(FBOKTX) is true) then send current message</p> <p> Call SENDMSG</p> <p>Clean-up</p> <p>Quit</p> <p>SENDMSG</p> <p> Call XMIT^FBAAV01</p> <p> Loop thru list of MRAs in message and update status and transmitted date</p> <p> Initialize MRA count</p>	

Options	Activities
Option Name	FB MRA MAIN MENU
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.7.1

Options	Activities
Associated Menu Options that will invoke this reference	FBAA SUPERVISOR OPTIONS
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	MRA Main Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	MRA Main Menu containing all MRA options.
Current List of Menu Items	
ITEM: FBAA VENDOR MRA MAIN MENU	DISPLAY ORDER: 1
ITEM: FBAA VETERAN MRA MAIN MENU	DISPLAY ORDER: 2
ITEM: FBAA REQUEUE MRA	DISPLAY ORDER: 3
ITEM: FBAA MRA PURGE	DISPLAY ORDER: 4
Modified List of Menu Items (Changes are in bold)	
ITEM: FBAA VENDOR MRA MAIN MENU	DISPLAY ORDER: 1
ITEM: FBAA VETERAN MRA MAIN MENU	DISPLAY ORDER: 2
ITEM: FBAA REQUEUE MRA	DISPLAY ORDER: 3
ITEM: FBAA MRA PURGE	DISPLAY ORDER: 4
ITEM: FBAA IPAC AGREEMENT MRA MENU	SYNONYM: IPAC

Options	Activities
Option Name	FBAA IPAC AGREEMENT MRA MENU
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.7.1
Associated Menu Options that will invoke this reference	FB MRA MAIN MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	IPAC Agreement MRA Main Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a

Options	Activities
Option Description	This is the main menu for adding, changing and deleting MRA's for IPAC
Current List of Menu Items	
N/A	
Modified List of Menu Items (Changes are in bold)	
ITEM: FBAA MRA IPAC ADD TYPE	DISPLAY ORDER: 1
ITEM: FBAA MRA IPAC CHANGE TYPE	DISPLAY ORDER: 2
ITEM: FBAA MRA IPAC DELETE TYPE	DISPLAY ORDER: 3

Options	Activities
Option Name	FBAA MRA IPAC ADD TYPE
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Menu Options that will invoke this reference	FBAA IPAC AGREEMENT MRA MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Add Type IPAC Agreement MRA
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input checked="" type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	AA^FBAAIAQ
Option Description	This option is used to add an add type MRA for IPAC
Current Entry Action Logic	
N/A	
Modified Entry Action Logic (Changes are in bold)	
Calls routine AA^FBAAIAQ	
Current Exit Action Logic	
N/A	
Modified Exit Action Logic (Changes are in bold)	
N/A	

Options	Activities
Option Name	FBAA MRA IPAC CHANGE TYPE

Options	Activities
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Menu Options that will invoke this reference	FBAA IPAC AGREEMENT MRA MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Change Type IPAC Agreement MRA
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input checked="" type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	CC^FBAAIAQ
Option Description	This option adds a change type MRA for IPAC
Current Entry Action Logic	
N/A	
Modified Entry Action Logic (Changes are in bold)	
Calls routine CC^FBAAIAQ	
Current Exit Action Logic	
N/A	
Modified Exit Action Logic (Changes are in bold)	
N/A	

Options	Activities
Option Name	FBAA MRA IPAC DELETE TYPE
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Menu Options that will invoke this reference	FBAA IPAC AGREEMENT MRA MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Delete Type IPAC Agreement MRA
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input checked="" type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	DD^FBAAIAQ

Options	Activities
Option Description	This option adds a delete type IPAC MRA
Current Entry Action Logic	
N/A	
Modified Entry Action Logic (Changes are in bold)	
Calls routine DD^FBAAIAQ	
Current Exit Action Logic	
N/A	
Modified Exit Action Logic (Changes are in bold)	
N/A	

Options	Activities
Option Name	FBAA REQUEUE MRA
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Menu Options that will invoke this reference	FB MRA MAIN MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text	Re-Transmit MRA's
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input checked="" type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	FBAARMRA
Option Description – Current	This option can be used to retransmit already transmitted MRA's for a specific date. Veteran and Vendor MRAs are kept on file till the purge option is used to delete them. This option would be used in instances when for some reason Austin did not receive transmission.
Option Description – Modified (Changes are in bold)	This option can be used to retransmit already transmitted MRAs for a specific date. All types of MRAs are kept on file until one of the purge options is used to delete the MRAs. This option would be used in instances when for some reason Austin did not receive the transmission.
Current Entry Action Logic	
n/a	
Modified Entry Action Logic (Changes are in bold)	
n/a	

Current Exit Action Logic
n/a
Modified Exit Action Logic (Changes are in bold)
n/a

6.2.2.2.7.2. VistA Fee shall generate a message for the new transaction type for IPAC Vendor Agreement using the existing Queue Data for Transmission [FBAA QUEUE DATA FOR TRANS.] option.

Design

Routine Name	A^FBAAIAQ		
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability Matrix	2.6.7.2		
Related Options	N/A		
Related Routines	Routines “Called By”	Routines “Called”	
	FBAAIAE		
Data Dictionary (DD) References	N/A		
Related Protocols	N/A		
Related Integration Control References (ICRs)	N/A		
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local		
Input Attribute Name and Definition	Name: VAIEN Definition: IPAC agreement IEN (file #161.95)		
Output Attribute Name and Definition	Name: Definition:		
Current Logic			
N/A			
Modified Logic (Changes are in bold)			
Create an add type IPAC Agreement MRA in file 161.96 for the input agreement.			

Routine Name	C^FBAAIAQ		
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability	2.6.7.2		

Routine Name	C^FBAAIAQ	
Matrix		
Related Options	N/A	
Related Routines	Routines "Called By"	Routines "Called"
	FBAIAE	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input checked="" type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: VAIEN Definition: IPAC agreement IEN (file #161.95)	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		
N/A		
Modified Logic (Changes are in bold)		
Create a change type IPAC agreement MRA in file 161.96 for the input agreement Check if pending MRA exists (call PENDMRA) If pending MRA exists then quit If no pending MRA then create a change MRA		

Routine Name	D^FBAAIAQ	
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.7.2	
Related Options	N/A	
Related Routines	Routines "Called By"	Routines "Called"
	FBAAIAD	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control	N/A	

Routine Name	D^FBAAIAQ
References (ICRs)	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local
Input Attribute Name and Definition	Name: VOID Definition: IPAC agreement ID
Output Attribute Name and Definition	Name: Definition:
Current Logic	
N/A	
Modified Logic (Changes are in bold)	
Create a delete IPAC agreement MRA in file 161.96 for the input agreement ID. Check for pending MRA agreement (call PENDMRA) If there is a pending add MRA delete it and Quit If there is a pending change MRA, change its action to delete and quit. Create a delete IPAC agreement MRA in file 161.96	

Routine Name	FBAAMPG1	
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.7.2	
Related Options	FBAA MRA PURGE AUTO	
Related Routines	Routines "Called By"	Routines "Called"
	N/A	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		
Automatically purge MRAs.		

Routine Name	FBAAMPG1
<pre> FBAAMPG1 ;AISC/DMK/CMR-PURGE TRANSMITTED MRA'S ;5/24/1999 ;;3.5;FEE BASIS;**18**;JAN 30, 1995 ;;Per VHA Directive 10-93-142, this routine should not be modified. S:'\$D(DTIME) DTIME=999 I '\$D(DT) S %DT="",X=T D ^%DT S DT=Y K X,Y I '\$D(^FBAA(161.25,"AD")), '\$D(^FBAA(161.26,"AD")) G END ;W !!,*7,"No transmitted MRA's currently on file!",! G END S (CNT,MCNT)=0 F I=0:0 S I=\$O(^FBAA(161.26,"AD",I)) Q:I'>0!(I>DT) F J=0:0 S J=\$O(^FBA A(161.26,"AD",I,J)) Q:J'>0 I \$D(^FBAA(161.26,J,0)) S DA=J D DELVET S CNT=MCNT+1 F I=0:0 S I=\$O(^FBAA(161.25,"AD",I)) Q:I'>0!(I>DT) F J="O","P" F K=0:0 S K=\$O(^FBAA(161.25,"AD",I,J,K)) Q:K'>0 I \$D(^FBAA(161.25,K,0)), (\$S(\$P(^ (0),"^ ",3)="C":0,\$P(^ (0),"^",2)="C":0,\$P(^ (0),"^",3)="N":0,\$P(^ (0),"^",2)="N":0,1:1)) D .S DA=K D DELVEN S MCNT=MCNT+1 F I="O","P" F J=0:0 S J=\$O(^FBAA(161.25,"AE",I,J)) Q:'J I \$D(^FBAA(161 .25,J,0)), '\$D(^FBAAV(J,0)) S DA=J D DELVEN S MCNT=MCNT+1 F I=0:0 S I=\$O(^FBAA(161.26,"AC","P",I)) Q:'I I \$D(^FBAA(161.26,I,0)) S J=\$P(^ (0),"^",3) I '\$D(^FBAAA(+^FBAA(161.26,I,0),1,J,0)) S DA=I D DELVET S CN T=MCNT+1 BULLET S XMB(1)=CNT,XMB(2)=MCNT,XMB="FBAA PURGE TRANSMITTED MRA'S",XMDUZ=\$S(\$G (DUZ):DUZ,1:.5) D ^XMB END K F,I,J,K,CNT,MCNT,FBAAPD,X,Y Q DELVET S DIK="^FBAA(161.26," D ^DIK Q DELVEN S DIK="^FBAA(161.25," D ^DIK Q </pre>	
Modified Logic (Changes are in bold)	
<p>Modify to include IPAC vendor agreement MRAs in the purge.</p> <pre> FBAAMPG1 ;AISC/DMK/CMR-PURGE TRANSMITTED MRA'S ;5/24/1999 ;;3.5;FEE BASIS;**18**;JAN 30, 1995 ;;Per VHA Directive 10-93-142, this routine should not be modified. S:'\$D(DTIME) DTIME=999 I '\$D(DT) S %DT="",X=T D ^%DT S DT=Y K X,Y Added , \$D(^FBAA(161.96,"AD")) to next line I '\$D(^FBAA(161.25,"AD")), '\$D(^FBAA(161.26,"AD")), '\$D(^FBAA(161.96,"AD")) G END ;W !!,*7,"No transmitted MRA's currently on file!",! G END Added ICNT to next line to initialize count of IPAC MRAs that are deleted S (CNT,ICNT,MCNT)=0 F I=0:0 S I=\$O(^FBAA(161.26,"AD",I)) Q:I'>0!(I>DT) F J=0:0 S J=\$O(^FBA A(161.26,"AD",I,J)) Q:J'>0 I \$D(^FBAA(161.26,J,0)) S DA=J D DELVET S CNT=MCNT+1 Added loop thru ^FBAA(161.96,"AD" to purge IPAC MRAs that is similar to the above loop for file 161.26. F I=0:0 S I=\$O(^FBAA(161.96,"AD",I)) Q:I'>0!(I>DT) F J=0:0 S J=\$O(^FBAA (161.96,"AD",I,J)) Q:J'>0 I \$D(^FBAA(161.96,J,0)) S DA=J D DELIA S ICNT=ICNT+1 F I=0:0 S I=\$O(^FBAA(161.25,"AD",I)) Q:I'>0!(I>DT) F J="O","P" F K=0:0 S K=\$O(^FBAA(161.25,"AD",I,J,K)) Q:K'>0 I \$D(^FBAA(161.25,K,0)), (\$S(\$P(^ (0),"^ ",3)="C":0,\$P(^ (0),"^",2)="C":0,\$P(^ (0),"^",3)="N":0,\$P(^ (0),"^",2)="N":0,1:1)) D .S DA=K D DELVEN S MCNT=MCNT+1 F I="O","P" F J=0:0 S J=\$O(^FBAA(161.25,"AE",I,J)) Q:'J I \$D(^FBAA(161 .25,J,0)), '\$D(^FBAAV(J,0)) S DA=J D DELVEN S MCNT=MCNT+1 F I=0:0 S I=\$O(^FBAA(161.26,"AC","P",I)) Q:'I I \$D(^FBAA(161.26,I,0)) S J=\$P(^ (0),"^",3) I '\$D(^FBAAA(+^FBAA(161.26,I,0),1,J,0)) S DA=I D DELVET S CN </pre>	

Routine Name	FBAAMPG1
<p>T=CNT+1</p> <p>Added loop to check for pending MRAS for agreements that don't exist ;</p> <p>; check pending IPAC MRAs and remove any records that have bad IPAC vend or agreement pointers</p> <pre> F I=0:0 S I=\$O(^FBAA(161.96,"AS","P",I)) Q:'I D . N IVA . S IVA=+\$P(\$G(^FBAA(161.96,I,0)),U,2) ; IPAC vendor agreement ptr . I \$D(^FBAA(161.95,IVA,0)) Q ; its OK so quit . S DA=I D DELIA S ICNT=ICNT+1 ; kill it . Q ; </pre> <p>Added XMB(3)=ICNT to next line as new parameter for the bulletin.</p> <pre> BULLET S XMB(1)=CNT,XMB(2)=MCNT,XMB(3)=ICNT,XMB="FBAA PURGE TRANSMITTED MRA'S",XMDUZ=\$S(\$G(DUZ):DUZ,1:.5) D ^XMB </pre> <p>Added ICNT to kill statement on next line</p> <pre> END K F,I,J,K,CNT,MCNT,FBAAPD,X,Y,ICNT Q DELVET S DIK="^FBAA(161.26," D ^DIK Q DELVEN S DIK="^FBAA(161.25," D ^DIK Q </pre> <p>Added label DELIA to delete a record from file 161.96. It will be called by the new loop.</p> <pre> DELIA S DIK="^FBAA(161.96," D ^DIK Q </pre>	

Bulletin Name	FBAA PURGE TRANSMITTED MRA'S			
Enhancement Category	<input type="checkbox"/> New	<input checked="" type="checkbox"/> Modify	<input type="checkbox"/> Delete	<input type="checkbox"/> No Change
Requirements Traceability Matrix	2.6.7.2			
Related Routines	Routines "Called By"	Routines "Called"		
	FBAAMPG1	N/A		
Mail Subject	PURGE OF TRANSMITTED MRA'S			
Mail Group	N/A – Mail Group is not sent with the Bulletin to the target sites. Whatever mail group the site has associated with this bulletin will continue to be used.			
Parameters	<p>Currently there are 2 parameters for this bulletin as follows:</p> <p>PARAMETER: 1 DESCRIPTION: A numeric count of the total Veteran MRA's deleted.</p> <p>PARAMETER: 2 DESCRIPTION: A numeric count of the total Vendor MRA's deleted.</p> <p>A new 3rd parameter will be added by this project:</p> <p>PARAMETER: 3 DESCRIPTION: A numeric count of the total IPAC Vendor Agreement MRA's deleted.</p>			
Data Dictionary (DD) References	N/A			
Message (current)	<p>The purge of transmitted MRA's has completed.</p> <p>Total Veteran MRA's deleted: 1 .</p> <p>Total Vendor MRA's deleted: 2 .</p>			

Bulletin Name	FBAAMPRG TRANSMITTED MRA'S
Message (modified – changes in bold text)	The purge of transmitted MRA's has completed. Total Veteran MRA's deleted: 1 . Total Vendor MRA's deleted: 2 . Total IPAC Vendor Agreement MRA's deleted: 3 .

Routine Name	FBAAMPRG				
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change				
Requirement Traceability Matrix	2.6.7.2				
Related Options	FBAAMPRG PURGE				
Related Routines	Routines "Called By"	Routines "Called"			
	N/A				
Data Dictionary (DD) References	N/A				
Related Protocols	N/A				
Related Integration Control References (ICRs)	N/A				
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local				
Input Attribute Name and Definition	Name: Definition:				
Output Attribute Name and Definition	Name: Definition:				
Current Logic					
Purge transmitted MRAs. FBAAMPRG ;AISC/DMK-PURGE TRANSMITTED MRA'S ;5/24/1999 ;;3.5;FEE BASIS;**18**;JAN 30, 1995 ;;Per VHA Directive 10-93-142, this routine should not be modified. ASK W !! S %DT("A")="Purge Veteran and Vendor MRA's transmitted PRIOR to: " ,%DT="AEXP",%DT(0)=DT D ^%DT K %DT G END:X="^"(X=""),ASK:Y<0 S FBAAPD=Y I '\$D(^FBAA(161.25,"AD")),\$D(^FBAA(161.26,"AD")) W !!,*7,"No transmitted MRA's currently on file!",! G END S (CNT,MCNT)=0 W !,?25,"Deleting....",! F I=0:0 S I=\$O(^FBAA(161.26,"AD",I)) Q:I>0!(I>FBAAPD) F J=0:0 S J=\$O(^FBAA(161.26,"AD",I,J)) Q:J>0 I '\$D(^FBAA(161.26,J,0)) S DA=J D DELVET S CNT=CN T+1 F I=0:0 S I=\$O(^FBAA(161.25,"AD",I)) Q:I>0!(I>FBAAPD) F J="O","P" F K =0:0 S K=\$O(^FBAA(161.25,"AD",I,J,K)) Q:K>0 I '\$D(^FBAA(161.25,K,0)),\$S(\$P(^0					

Routine Name	FBAAMPRG
<pre>),^",3)="C":0,\$P(^0),^",2)="C":0,\$P(^0),^",3)="N":0,\$P(^0),^",2)="N":0,1: 1)) D .S DA=K D DELVEN S MCNT=MCNT+1 F I="O","P" F J=0:0 S J=\$O(^FBAA(161.25,"AE",I,J)) Q:'J I \$D(^FBAA(161 .25,J,0)), \$D(^FBAAV(J,0)) S DA=J D DELVEN S MCNT=MCNT+1 F I=0:0 S I=\$O(^FBAA(161.26,"AC","P",I)) Q:'I I \$D(^FBAA(161.26,I,0)) S J=+\$P(^0),^",3) I \$D(^FBAAA(+^FBAA(161.26,I,0),1,J,0)) S DA=I D DELVET S CN T=CN+1 W !!,?16,"Total Veteran MRA's deleted: ",CNT,!,?16,"Total Vendor MRA's deleted: ",MCNT,! END K F,I,J,K,CNT,MCNT,FBAAPD,X,Y Q DELVET S DIK="^FBAA(161.26," D ^DIK Q DELVEN S DIK="^FBAA(161.25," D ^DIK Q </pre>	
Modified Logic (Changes are in bold)	
<p>Modify to include IPAC vendor agreement MRAs in the purge</p> <p>FBAAMPRG ;AISC/DMK-PURGE TRANSMITTED MRA'S ;5/24/1999 ;;3.5;FEE BASIS;**18**;JAN 30, 1995 ;;Per VHA Directive 10-93-142, this routine should not be modified.</p> <p>Added IPAC to prompt text ASK W !! S %DT("A")="Purge Veteran, IPAC and Vendor MRA's transmitted PRIOR to: " ,%DT="AEXP",%DT(0)=DT D ^%DT K %DT G END:X="^"(X=""),ASK:Y<0 S FBAAPD=Y</p> <p>Included . \$D(^FBAA(161.96,"AD")) in next line I \$D(^FBAA(161.25,"AD")), \$D(^FBAA(161.26,"AD")), \$D(^FBAA(161.96,"AD")) W !!,*7,"No transmitted MRA's currently on file!",! G END</p> <p>Added ICNT to next line to initialize count of deleted IPAC MRAs S (CNT,ICNT,MCNT)=0 W !,?25,"Deleting....",! F I=0:0 S I=\$O(^FBAA(161.26,"AD",I)) Q:I>0!(I>FBAAPD) F J=0:0 S J=\$O(^FBAA(161.26,"AD",I,J)) Q:J>0 I \$D(^FBAA(161.26,J,0)) S DA=J D DELVET S CNT=CN T+1</p> <p>Inserted loop to purge file 161.96 (similar to about loop for file 161.26) F I=0:0 S I=\$O(^FBAA(161.96,"AD",I)) Q:I>0!(I>FBAAPD) F J=0:0 S J=\$O(^ FBAA(161.96,"AD",I,J)) Q:J>0 I \$D(^FBAA(161.96,J,0)) S DA=J D DELIPAC S ICNT=I CNT+1 F I=0:0 S I=\$O(^FBAA(161.25,"AD",I)) Q:I>0!(I>FBAAPD) F J="O","P" F K =0:0 S K=\$O(^FBAA(161.25,"AD",I,J,K)) Q:K>0 I \$D(^FBAA(161.25,K,0)),(\$S(\$P(^0),^",3)="C":0,\$P(^0),^",2)="C":0,\$P(^0),^",3)="N":0,\$P(^0),^",2)="N":0,1: 1)) D .S DA=K D DELVEN S MCNT=MCNT+1 F I="O","P" F J=0:0 S J=\$O(^FBAA(161.25,"AE",I,J)) Q:'J I \$D(^FBAA(161 .25,J,0)), \$D(^FBAAV(J,0)) S DA=J D DELVEN S MCNT=MCNT+1 F I=0:0 S I=\$O(^FBAA(161.26,"AC","P",I)) Q:'I I \$D(^FBAA(161.26,I,0)) S J=+\$P(^0),^",3) I \$D(^FBAAA(+^FBAA(161.26,I,0),1,J,0)) S DA=I D DELVET S CN </p>	

Routine Name	FBAAMPRG
<p>T=CNT+1</p> <p>Inserted loop to check for pending IPAC MRAs for deleted agreements</p> <pre> ; ; check pending IPAC MRAs and remove any records that have bad IPAC vend or agreement pointers F I=0:0 S I=\$O(^FBAA(161.96,"AS","P",I)) Q:'I D . N IVA . S IVA=\$P(\$G(^FBAA(161.96,I,0)),U,2) ; IPAC vendor agreement p tr . Q:IVA="" ; MRA record for a delete . I \$D(^FBAA(161.95,IVA,0)) Q ; its OK so quit . S DA=I D DELIPAC S ICNT=ICNT+1 ; kill it . Q ; </pre> <p>Included ICNT in next line</p> <pre> W !,?16,"Total Veteran MRA's deleted: ",CNT,!,"Total Vendor MRA's deleted: ",MCNT,!,"Total IPAC MRA's deleted: ",ICNT,! </pre> <p>Added ICNT to kill statement</p> <pre> END K F,I,J,K,CNT,MCNT,FBAAPD,X,Y,ICNT Q DELVET S DIK="^FBAA(161.26," D ^DIK Q DELVEN S DIK="^FBAA(161.25," D ^DIK Q </pre> <p>Add DELIPAC label to perform delete of IPAC MRA record. Will be called by new loop.</p> <pre> DELIPAC S DIK="^FBAA(161.96," D ^DIK Q </pre>	

6.2.2.2.7.3. VistA Fee shall create a new file that contains the IPAC Vendor Agreement MRA fields to support the reporting of additions, edits, and deletes of IPAC Vendor Agreements to Central Fee

Design

See the new file design in section 5.2.3 for the new file IPAC VENDOR AGREEMENT MRA (#161.96).

6.2.2.2.8. Modification to Enter New Invoice/Payment

6.2.2.2.8.1. When entering a new inpatient, outpatient, or pharmacy invoice/payment, VistA Fee shall search for any active IPAC vendor agreements for the selected vendor.

Design

Routine Name	FBCHEP
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Requirement Traceability	2.6.8.1

Routine Name	FBCHEP	
Matrix		
Related Options	[FBCH ENTER PAYMENT]	
Related Routines	Routines “Called By”	Routines “Called”
	FBUCPAY	FBAAIAV
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		
<p>This routine is used to enter a new civil hospital invoice via the [FBCH ENTER PAYMENT] option</p> <p>EN583 ;Entry from 583 enter payment</p> <p>I FBAAPTC="R" D ^FBAACO0</p> <p>S (FBV,DA)=FBVEN D EN1^FBAAVD</p> <p>I \$P(\$G(^FBAAV(FBVEN,"ADEL")),U)="Y" W !,*, "Vendor is flagged for Austin deletion!" G Q</p> <p>D SITEP^FBAAUTL G Q:FBPOP</p> <p>S FBAAMPI=\$P(\$G(^FBAA(161.4,1,"FBNUM")),",^",4) ; max lines per CH batch</p> <p>I FBAAMPI>0 S FBAAMPI=42</p> <p>;</p> <p>RDV S FBVE="" S:\$D(^FBAAV(DA,"AMS")) FBVE=\$P(^("AMS"),",^",2) S:\$G(FBVE)="Y" FBVE="N"</p> <p>I FBVE="Y" W *7,!, "Vendor is listed as 'exempt from the pricer'." S DIR(0)="Y",DIR("A")="Do you wish to keep this invoice exempt from the pricer",DIR("B")="Yes" D ^DIR K DIR G Q:\$D(DIRUT) S FBVE=\$S(Y=1:"Y",1:"N")</p> <p>I \$G(FBVE)="Y",(\$P(\$G(^FBAAV(FBVEN,0)),",^",17)]") W !,*, "Medicare ID Number is needed for this Vendor!" S DIE="^FBAAV(",DR=22 D ^DIE</p> <p>K DIE G Q:\$D(DTOUT)!(\$L(X))</p> <p>;</p> <p>GETNXI D GETNXI^FBAAUTL</p> <p>W !,"Invoice # ",FBAAIN," assigned to this Invoice"</p>		
Modified Logic (Changes are in bold)		
<p>EN583 ;Entry from 583 enter payment</p> <p>I FBAAPTC="R" D ^FBAACO0</p> <p>S DA=FBVEN D EN1^FBAAVD</p> <p>I \$P(\$G(^FBAAV(FBVEN,"ADEL")),U)="Y" W !,*, "Vendor is flagged for Austin deletion!" G Q</p>		

Routine Name	FBCHEP
D SITEP^FBAAUTL G Q:FBPOP S FBAAMPI=\$P(FBSITE("FBNUM"),U,4) ; RDV S FBVE="" S:\$D(^FBAAV(FBVEN,"AMS")) FBVE=\$P(^("AMS"),^,2) S:\$G(FBVE)="Y" FBVE="N" I FBVE="Y" W *7,!!,"Vendor is listed as 'exempt from the pricer'." S DIR(0)="Y",DIR("A")="Do you wish to keep this invoice exempt from the pricer",DIR("B")="Yes" D ^DIR K DIR G Q:\$D(DIRUT) S FBVE=\$S(Y=1:"Y",1:"N") I \$G(FBVE)="Y",(\$P(\$G(^FBAAV(FBVEN,0)),^,17)]") W !,*7,"Medicare ID Number is needed for this Vendor!" S DIE="^FBAAV(,DR=22 D ^DIE K DIE G Q:\$D(DTOUT)!(\$L(X)) ; BAT S DIC="^FBAA(161.7,"DIC(0)="AEQMZ",DIC("S")="I \$P(^0,U,3)="B9"&(\$P(^0,U,5)=DUZ)&(\$P(^0,U,15)="Y")&(\$G(^("ST"))= ""O")&(FBAAMPI>\$P(^0,U,10))" W ! D ^DIC K DIC G Q:X="^"!(X=""),BAT:Y<0 S FBAABE=+Y,FBY(0)=Y(0),Z1=\$P(FBY(0),^,11),BO=\$P(FBY(0),^,2),Z2=\$P(FBY(0),^,10),FBSTN=\$P(FB Y(0),^,8),FBCHOB=FBSTN_ "-" \$P(FBY(0),^,2),FBEXMPT=\$P(FBY(0),^,18) S FBAAOUT=0 D CHK I FBAAOUT K Y,Y(0),FBAABE G BAT I FBI7078["FB7078(",BO'=\$P(\$P(FBZ(0),U),".") W !,*7,"Obligation number on batch does not match 1358.",!,"Obligation number o n batch must be ",\$P(\$P(FBZ(0),U),"."),".",! G BAT S FBINC=\$S(\$P(FBY(0),^,10)="" :0,1:\$P(FBY(0),^,10)),FBLN=\$S(\$P(FBY(0),^,11)="" :0,1:\$P(FBY(0),^,11)) GETNXI D GETNXI^FBAAUTL W !,"Invoice # ",FBAAIN," assigned to this Invoice" RIN S CALLERID="FBCHEP" D GETINDT^FBAACO1 K CALLERID G Q:\$G(FBAAOUT) Added check to see if an IPAC agreement exists and if so prompt user for DoD Invoice number and agreement ID. ; ; FB*3.5*123 - check for IPAC agreement for Federal vendor and capture DoD invoice number (both req'd if IPAC) S FBIA=\$\$IPAC^FBAAMP(\$G(FBVEN)) I FBIA=-1 G Q I FBIA,\$\$IPACINV^FBAAMP(.FBDODINV) G Q ; ; ask patient control number S FBIDSID=\$\$ASKPCN^FBUTL5() I FBIDSID="^" G Q ; if U/C then get FPPS Claim ID else ask user I \$D(FB583) S FBFPSC=\$P(\$G(^FB583(FB583,5)),U) W !,"FPPS CLAIM ID: ",,\$S(FBFPSC="": "N/A",1:FBFPSC) E S FBFPSC=\$\$FPPSC^FBUTL5() I FBFPSC=-1 G Q ; Get Unique Claim ID ; FB*3.5*135 S FBUCI135=\$\$ENTINPAT^FBUTL136(\$G(FBSTN),1,,"I",\$G(FBFPSC),\$G(FBVEN)) I FBUCI135<1 G Q ; if EDI claim then ask FPPS line item I FBFPSC]" S FBFPSC=\$\$FPPSL^FBUTL5(,1) I FBFPSC=-1 G Q	

Routine Name	FBCHEP
	<pre> ; compute default Covered Days S FBCDAYS=\$\$FMDIFF^XLFD(T,FBAABDT) I FBCDAYS=0 S FBCDAYS=1 S FBAAMM=\$\$FBAAPTC="R":",",SD(FB583):",",1:1) D PPT^FBAACO1() DIC S DIC="^FBAAI(",DIC(0)="LQ",DLAYGO=162.5,X=FBAAIN D ^DIC G Q:Y<0 S DA=+Y,DIE=DIC,DR="[FBCH ENTER PAYMENT]",DIE("NO^")="" D . N ICDVDT S ICDVDT=\$G(FBAABDT) D ^DIE ; file adjustment reasons D FILEADJ^FBCHFA(DA_",",FBADJ) ; file remittance remarks D FILERR^FBCHFR(DA_",",FBRRMK) ; file Line Item Rendering providers D FILERP^FBUTL8(DA_",",FBPROV) ;FB*3.5*122 K DIE,DIC,D,DA,DR S \$P(FBY(0),"^",10)=FBINC+1,\$P(FBY(0),"^",11)=FBLN+1,\$P(FBY(0),"^",18)=FBEXMPT,^FBA(161.7,FBAAB E,0)=FBY(0) ;D:\$D(FBNOPTF) PTF G Q:\$D(FB583),RD D . N FBX . S FBX=FBAAMPI-(FBINC+1) . I FBX<6 W !,\$C(7),"Warning, you can only enter ",FBX," more invoices in this batch!",! D:\$D(FBNOPTF) PTF G Q:\$D(FB583),RD OUT W !,*,7,?,3,"Invoice number ",FBAAIN," has already been entered for this authorization.",!,7,3,"Use the Contract Hospital 'Inv oice Edit' option if needed.",! ;check if user wants to add a second invoice for this 7078 W ! S DIR("A")="Want to add another invoice for this episode of care",DIR("B")="No",DIR(0)="Y" D ^DIR K DIR I Y S (FBNOPTF,F BRESUB)=1 G SETINV Q K BO,CNT,D,DA,DAT,DIC,DIE,DLAYGO,DR,FB7078,FBAABDT,FBAABE,FBAEEDT,FBAID,FBAAIN,FBA OUT,FBAAPTC,FBDX,FBTT,FBTYPE,FBVEN,FBVET ,FBXX,FTP,I,J,FBK,PI,FBPOP,PTYPE,S,FBZ,Z1,FBI,FBPROG,FBRR,FB SW,FBPOV,FBPT,FBY,T,Y,Z1,Z2,ZZ, FBPSA,A,FBI7078 K FBCHOB,FBAUT,FBSEQ,X,FB SITE,F,FBSTN,FBASSOC,FBLOC,DUOUT,PSA,FBCOUNTY,DFN,FBNOPTF, DIRUT,FBVE,FBAOUT,FBEXMPT,FBAAPN,FBAMTC, FBDEL,FBINC,FBLN,FBRESUB K FBD1,FBFDC,FBMST,FBTTYPE,FB583,FBUCI135 Added FBIA,FBODINV to kill statement K FB CSID,FBFPSC,FBFPPSL,FBCDAYS,FBAMTP,FBADJ,FBRRMK,FBAAMPI,FBV,FBIA,FBODINV D GETAUTHK^FBAAUTL1 </pre>

Routine Name	FBCHEP
<p>Q</p> <p>PTF I \$G(FBVET),\$G(FBI7078) ["FB583" S:\$G(DFN) DFN=FBVET D PTFC^FBUTL6(DFN,\$P(FBZ(0),"^",4))</p> <p>Q</p> <p>PRBT ;Entry point for patient reimbursement option</p> <p>;</p> <p>S FBAAPTC="R"</p> <p>G RD</p> <p>CHK ;Check for vendor and batch being exempt from pricer</p> <p>I \$G(FBVE)="Y"&(\$G(FBVE)="N") S FBVE="N"</p> <p>I \$G(FBEXMPT)="Y" Q:FBVE="Y" G OPEN:FBVE="N"</p> <p>I \$G(FBEXMPT)="N" Q:FBVE="N" G OPEN:FBVE="Y"</p> <p>I '\$G(FBEXMPT)&(\$G(Z2)>0) S FBEXMPT=FBVE Q</p> <p>I '\$G(FBEXMPT)&(\$G(Z2)>0) S \$P(^FBAA(161.7,FBAABE,0),"^",18)="N",FBEXMPT="N" G CHK</p> <p>Q</p> <p>OPEN W *7,!!,"This Invoice may not be added to Batch # ",+FBY(0),"",!,"***You may not add a ",\$\$ (FBVE="Y": "pricer exempt",1:"non -exempt")," invoice to a ",\$\$ (FBVE="Y": "non-exempt",1:"pricer exempt")," batch.***"</p> <p>S DIR(0)="Y",DIR("A")="Do you want to open a new batch at this time",DIR("B")="Y" D ^DIR K DIR S:\$D(DIRUT)!('Y) FBAAOUT=1 Q:</p> <p>FBAAOUT D RCHOP^FBAAOB S FBEXMPT=FBVE D</p> <p>.S</p> <p>FBY(0)=\$G(^FBAA(161.7,FBAABE,0)),Z1=\$P(FBY(0),"^",11),BO=\$P(FBY(0),"^",2),Z2=\$P(FBY(0),"^",10),FB STN=\$P(FBY(0),"^",8),FBC</p> <p>HOB=FBSTN_ "-" _\$P(FBY(0),"^",2)</p> <p>Q</p>	

Routine Name	FBAAMP		
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability Matrix	2.6.8.1		
Related Options	[FBAA MUTIPLE PAYMENT ENTRY] [FBCH MULTIPLE PAYMENTS]		
Related Routines	Routines “Called By”	Routines “Called”	
	N/A		
Data Dictionary (DD) References	N/A		
Related Protocols	N/A		
Related Integration Control References (ICRs)	N/A		

Routine Name	FBAAMP
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local
Input Attribute Name and Definition	Name: Definition:
Output Attribute Name and Definition	Name: Definition:
Current Logic	
<p>This routine is currently used to enter multiple payments. It can be accessed via the [FBAA MULTIPLE PAYMENT ENTRY] and [FBCH MULTIPLE PAYMENT ENTRY] option.</p> <pre> MULT W:FBINTOT>0 !,"Invoice: "_FBAAIN_" Totals: \$ "_FBINTOT W !! S %DT("A")="Date of Service: ",%DT="AEPX" D ^%DT G Q1:X=""(X="^ ") D DATCK^FBAAUTL G MULT:'\$D(X)!(Y<0) S FBDT=Y I '\$\$CHKCPT() W !,\$C(7),"Invalid Date of Service." G MULT I '\$\$CHKICD9^FBCSV1(+\$G(FBHCFA(28)),\$G(FBDT))="" G MULT I '\$G(FBAAMM1),'\$\$CHKFS() W !,\$C(7),"Invalid Date of Service." G MULT S DIR(0)="Y",DIR("A")="Is "_(\$\$DATX^FBAAUTL(FBDT))_" correct",DIR("B"))="Yes" D ^DIR K DIR G MULT:\$D(DIRUT)!(Y) S FBAADT=FBDT S FBMODL=\$\$MODL^FBAAUTL4("FBMODA","I") I \$D(^FBAAC("AE",DFN,FBV,FBAADT,FBAACP_\$\$(\$G(FBMODL))""-"_FBMODL,1: ""))) S DIR(0)="Y",DIR("A")="Code already exists for that date! Want to add another service for the SAME DATE",DIR("B")="No" D ^DIR K DIR G MULT:\$D(DIRUT)!(Y) I FBFPPSC]"" S FBFPPSL=\$\$FPPSL^FBUTL5() I FBFPPSL=-1 G Q1 W !! D GETSVDT^FBAAC05(DFN,FBV,FBASSOC,0,FBAADT) G Q:\$G(FBAAOUT) D SETO^FBAAC03,SVCPR^FBAAC01 G Q:\$G(FBAAOUT) </pre>	
Modified Logic (Changes are in bold)	
<pre> MULT W:FBINTOT>0 !,"Invoice: "_FBAAIN_" Totals: \$ "_FBINTOT </pre> <p>If vendor is an IPAC vendor, a check will be done here to look for active IPAC vendor agreement records in file 161.95.</p> <p>If one active vendor agreement on file, set as default IPAC vendor agreement record and display record agreement.</p> <p>If more than one active IPAC vendor agreement on file, display all active IPAC vendor agreement records and prompt user to select one. Once user selects record, the system will then display selected IPAC vendor agreement record. Calls will be made to VIEW^FBAAIIV to display IPAC vendor agreement records. After the vendor the user is to be asked for the <u>DoD invoice number</u>. The DoD invoice number can be found in block 3a of the UB04 form or block 26 of the CMS1500 form</p> <p>If IPAC, user will be prompted to enter DOD invoice number here</p> <pre> ; ; FB*3.5*123 - check for IPAC agreement for Federal vendor and capture D oD invoice number (both req'd if IPAC) S FBIA=\$\$IPAC(\$G(FBV)) I FBIA=-1 G Q1 I FBIA,'\$\$IPACINV(.FBDODINV) G Q1 W !! S %DT("A")="Date of Service: ",%DT="AEPX" D ^%DT G Q1:X=""(X="^ </pre>	

Routine Name	FBAAMP
<pre> ") D DATCK^FBAAUTL G MULT:'\$D(X)!(Y<0) S FBDT=Y I '\$CHKCPT() W !,\$C(7),"Invalid Date of Service." G MULT I '\$CHKICD9^FBCSV1(+\$(FBHCFA(28)),\$G(FBDT))="" G MULT I '\$G(FBAAMM1),'\$CHKFS() W !,\$C(7),"Invalid Date of Service." G MULT S DIR(0)="Y",DIR("A")="Is "\$_(\$DATX^FBAAUTL(FBDT))_" correct",DIR("B")="Yes" D ^DIR K DIR G MULT:\$D(DIRUT)!('Y) S FBAADT=FBDT S FBMODL=\$\$MODL^FBAAUTL4("FBMODA","I") I \$D(^FBAAC("AE",DFN,FBV,FBAADT,FBAACP_\$S(\$G(FBMODL))"":"-\$_FBMODL,1:"")) S DIR(0)="Y",DIR("A")="Code already exists for that date! Want to add another service for the SAME DATE",DIR("B")="No" D ^DIR K DIR G MULT:\$D(DIRUT)!('Y) I FBFPFSC]" S FBFPFSL=\$\$FPFSL^FBUTL5() I FBFPFSL=-1 G Q1 W !! D GETSVDT^FBAAC05(DFN,FBV,FBASSOC,0,FBAADT) G Q:\$G(FBAAOUT) D SETO^FBAAC03,SVCPR^FBAAC01 G Q:\$G(FBAAOUT) FILE S TP="","DR="1///^S X=FBJ;Q:2///^S X=FBK;47///^S X=FBUNITS" I FBCSID]" S DR=DR_",49///^S X=FBCSID" I FBFPFSC]" S DR=DR_",50///^S X=FBFPFSC;51///^S X=FBFPFSL" I FBAARC]" S DR=DR_",48///^S X=FBAARC" ;S DR=DR_\$S(FBJ-FBK:");3///^S X=FBAAAS;3.5///^S X=DT;4///^S X=FBAASC;D DESC^FBAAMP1",1:"") S DR(1,162.03,1)="6///^S X=DUZ;7///^S X=FBAABE;8///^S X=BO;13///^S X= FBAAID;14///^S X=FBAAIN;15///^S X=FBPT;16///^S X=FBPOV;17///^S X=FBTT;18///^S X= =FBAAPTC;23///^S X=2;26///^S X=FBPSA" S DR(1,162.03,2)="34///^S X=\$G(FBAAMM1);54///^S X=\$G(FBCNTRP);28///^S X=FBHCFA(28);30///^S X=FBHCFA(30);31///^S X=FBHCFA(31);32///^S X=FBHCFA(32);3 3///^S X=FBAVID;44///^S X=FBFSAMT;45///^S X=FBFSUSD" Added FBIA and FBDODINV to DR S DR(1,162.03,3)="055///^S X=\$G(FBIA);.055///^S X=\$G(FBDODINV)" ; FB*3.5*123 S DIE="^FBAAC("_DFN_",1,"_FBV_",1,"_FBSDI_",1," S DA=FBAACPI,DA(1)=FBSDI,DA(2)=FBV,DA(3)=DFN D LOCK^FBUCUTL(DIE,FBAACPI,1) </pre>	

Routine Name	FBAACP
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Requirement Traceability Matrix	2.6.8.1
Related Options	[FBAA C&P ENTER PAYMENT] [FBAA MUTIPLE PAYMENT ENTRY] [FBCH MULTIPLE PAYMENTS]

Routine Name	FBAACP	
Related Routines	Routines "Called By"	Routines "Called"
	N/A	GETVEN^FBAACO1 GETVEN1^FBAACO1 FBAAIAV
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		
<p>This routine is currently used to enter compensation & pension (C&P) exam payments and multiple payments by the same vendor. It can be accessed via the [FBAA C&P ENTER PAYMENT] option.</p> <p>FBAACP ;AISC/CMR - C&P PAYMENT DRIVER ;6/22/2009 ;;3.5;FEE BASIS;**4,38,55,61,77,108**;JAN 30, 1995 ;;Per VHA Directive 2004-038, this routine should not be modified.</p> <p>K FBAAOUT,FBPOP S FBCNP=1 ;C&P flag D SITE^FBAACO G Q:\$G(FBPOP) D BT^FBAACO G Q:\$G(FBAAOUT) 1 K FBAR,FBAAOUT,FBDL,FBAAMM D GETVEN1^FBAACO1:\$D(FB583),GETVEN^FBAACO1 :\$D(FB583) G CLN:\$G(FBAAOUT) D GETINV^FBAACO1 G CLN:\$G(FBAAOUT) D GETINDT^FBAACO1 G CLN:\$G(FBAAOUT) D MMPPT^FBAACP G CLN:\$G(FBAAOUT)</p>		
Modified Logic (Changes are in bold)		
<p>FBAACP ;AISC/CMR - C&P PAYMENT DRIVER ;6/22/2009 ;;3.5;FEE BASIS;**4,38,55,61,77,108**;JAN 30, 1995 ;;Per VHA Directive 2004-038, this routine should not be modified.</p> <p>K FBAAOUT,FBPOP S FBCNP=1 ;C&P flag D SITE^FBAACO G Q:\$G(FBPOP) D BT^FBAACO G Q:\$G(FBAAOUT) 1 K FBAR,FBAAOUT,FBDL,FBAAMM D GETVEN1^FBAACO1:\$D(FB583),GETVEN^FBAACO1 :\$D(FB583) G CLN:\$G(FBAAOUT)</p> <p>Added call to retrieve DoD Invoice number and IPAC agreement ID if IPAC vendor.</p> <p>; ; FB*3.5*123 - check for IPAC agreement for Federal vendor and capture DoD invoice number S FBIA=\$\$IPAC^FBAAMP(\$G(FBV)) I FBIA=-1 G CLN I FBIA,\$\$IPACINV^FBAAMP(.FBDODINV) G CLN</p>		

Routine Name	FBAACP
; D GETINDT^FBAACO1 G CLN:\$G(FBAAOUT) D MMPPT^FBAACP G CLN:\$G(FBAAOUT)	

Routine Name	FBAACO		
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability Matrix	2.6.8.1		
Related Options	[FBAA ENTER PAYMENT] [FBCH ANCILLARY PAYMENT]		
Related Routines	Routines “Called By”	Routines “Called”	
		GETVEN^FBAACO1 GETVEN1^FBAACO1 FBAAIAV	
Data Dictionary (DD) References	N/A		
Related Protocols	N/A		
Related Integration Control References (ICRs)	N/A		
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local		
Input Attribute Name and Definition	Name: Definition:		
Output Attribute Name and Definition	Name: Definition:		
Current Logic			
This routine is used to enter outpatient and ancillary payments. It can be accessed via the [FBAA ENTER PAYMENT] and the [FBCH ANCILLARY PAYMENT] option.			
EN583 ;driver for opt payments (entry point for uc) K FBAAOUT,FBPOP D SITE G Q:\$G(FBPOP) D BT G Q:\$G(FBAAOUT) 1 K FBAAID,FBAAVID,FBAAOUT,FBDL,FBAAMM D SITE G Q:\$G(FBPOP) S FBINTOT=0 W !! I '\$D(FB583) K FBDL,FBAR D GETVET^FBAAUTL1 G EN583:'DFN K FBAAOUT,FBD MRA D GETAUTH^FBAAUTL1 G 1:FTP']" K FBAAOUT I \$G(FBCHCO) S FB7078=\$S(\$G(FB7078):FB7078_";FB7078("\$D(FB583):FB583			

Routine Name	FBAACO
<pre> _";FB583(",1:"") D:FBAAPTC="R" ^FBAACO0 D ^FBAAEAR:\$P(FBSITE(1),"^",4)="Y" D PAT,GETVEN1^FBAACO1:\$D(FB583),GETVEN^FBAACO1:\$D(FB583) I \$G(FBAAOUT) G Q:\$D(FB583),1 W !! D FILEV^FBAACO5(DFN,FBV) I \$G(FBAAOUT) G Q:\$D(FB583),1 </pre>	
Modified Logic (Changes are in bold)	
<pre> EN583 ;driver for opt payments (entry point for uc) K FBAAOUT,FBPOP D SITE G Q:\$G(FBPOP) D BT G Q:\$G(FBAAOUT) 1 K FBAAID,FBAVID,FBAOUT,FBDL,FBAAMM D SITE G Q:\$G(FBPOP) S FBINTOT=0 W !! I '\$D(FB583) K FBDL,FBAR D GETVET^FBAAUTL1 G EN583:'DFN K FBAAOUT,FBD MRA D GETAUTH^FBAAUTL1 G 1:FTP']"" K FBAAOUT I \$G(FBCHCO) S FB7078=\$S(\$G(FB7078):FB7078_";FB7078(", \$D(FB583):FB583 _";FB583(",1:"") D:FBAAPTC="R" ^FBAACO0 D ^FBAAEAR:\$P(FBSITE(1),"^",4)="Y" D PAT,GETVEN1^FBAACO1:\$D(FB583),GETVEN^FBAACO1:\$D(FB583) I \$G(FBAAOUT) G Q:\$D(FB583),1 W !! D FILEV^FBAACO5(DFN,FBV) I \$G(FBAAOUT) G Q:\$D(FB583),1 ;check for payments against all linked vendors S DA=+Y D CHK^FBAACO4 K FBAACK1,FBAOUT,DA,X,Y K FBAAID,FBAVID D GETINV^FBAACO1 I \$G(FBAAOUT) Q:\$D(FBCHCO) G Q:\$D(FB5 83),1 I '\$D(FBAAID)!('\$D(FBAVID)) D GETINDT^FBAACO1 I \$G(FBAAOUT) D OUT G Q:\$ D(FB583),1:\$D(FBCHCO) Q If vendor is an IPAC vendor, a check will be done here to look for active IPAC vendor agreement records in file 161.95. If one active vendor agreement on file, set as default IPAC vendor agreement record and display record agreement. If more than one active IPAC vendor agreement on file, display all active IPAC vendor agreement records and prompt user to select one. Once user selects record, the system will then display selected IPAC vendor agreement record. Calls will be made to VIEW^FBAIAV to display IPAC vendor agreement records. ; ; FB*3.5*123 - check for IPAC agreement for Federal vendor and capture D oD invoice number (both req'd if IPAC) S FBIA=\$\$IPAC^FBAAMP(FBV) I FBIA=-1 S FBAAOUT=1 D OUT G Q:\$D(FB583),1:\$ D(FBCHCO) Q I FBIA,\$\$IPACINV^FBAAMP(.FBDODINV) S FBAAOUT=1 D OUT G Q:\$D(FB583),1:\$ D(FBCHCO) Q ; </pre>	

Routine Name	FBAAPIE
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change

Routine Name	FBAAPIE	
Requirement Traceability Matrix	2.6.8.1	
Related Options	[FBAA ENTER PHARMACY INVOICE]	
Related Routines	Routines "Called By"	Routines "Called"
	N/A	FBAAVD
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		
This routine is used to enter a pharmacy payment via the [FBAA ENTER PHARMACY INVOICE] option.		
ENTER S (LCNT,TAC,FBINTOT)=0,STAT(0)="",FBAAOUT=1 K FBTOUT D GETNXI^FBAAUTL S X=FBAAIN S DLAYGO=162.1,DIC="^FBAA(162.1," ,DIC(0)="LQ" D ^DIC K DLAYGO G:Y<0 P ROB^FBAAPIE1 W !,"Invoice # assigned is: ",X S IN=X,DA(1)=IN RDV I '\$D(FB583) W !! S DLAYGO=161.2,(DIE,DIC)="^FBAAV(",DIC(0)="AEQLM" D ^DIC K DLAYGO G CHK:Y<0 S DA=+Y D NEW^FBAAVD:\$P(Y,"^",3)=1 I '\$D(FB583) S DA=FBVEN I '\$D(^FBAAV(DA,0)), \$P(\$G(^("ADEL")),")^")="Y" W !,"Vendor is flagged for Austin deletion!" G RDV:\$D(FB583),Q^FBAAPIE1 D EN1^FBAAVD:\$P(FBSITE(0),"^",12)="Y" S VIN=DA		
Modified Logic (Changes are in bold)		
ENTER S (LCNT,TAC,FBINTOT)=0,STAT(0)="",FBAAOUT=1 K FBTOUT D GETNXI^FBAAUTL S X=FBAAIN S DLAYGO=162.1,DIC="^FBAA(162.1," ,DIC(0)="LQ" D ^DIC K DLAYGO G:Y<0 P ROB^FBAAPIE1 W !,"Invoice # assigned is: ",X S IN=X,DA(1)=IN RDV I '\$D(FB583) W !! S DLAYGO=161.2,(DIE,DIC)="^FBAAV(",DIC(0)="AEQLM" D ^DIC K DLAYGO G CHK:Y<0 S DA=+Y D NEW^FBAAVD:\$P(Y,"^",3)=1 I '\$D(FB583) S DA=FBVEN I '\$D(^FBAAV(DA,0)), \$P(\$G(^("ADEL")),")^")="Y" W !,"Vendor is flagged for Austin deletion!" G RDV:\$D(FB583),Q^FBAAPIE1 D EN1^FBAAVD:\$P(FBSITE(0),"^",12)="Y" S VIN=DA		

Routine Name	FBAAPIE
RDV1 I \$D(^XUSEC("FBAA ESTABLISH VENDOR",DUZ)) W ! S DIR("A")="Want to edit V endor data",DIR("B")="No",DIR(0)="Y" D ^DIR K DIR G CHK:\$D(DIRUT) D:Y EDITV^FBAA VD S VIN=DA S FBAR(DA)="" D ^FBAACO4 If vendor is an IPAC vendor, a check will be done here to look for active IPAC vendor agreement records in file 161.95. If one active vendor agreement on file, set as default IPAC vendor agreement record and display record agreement. If more than one active IPAC vendor agreement on file, display all active IPAC vendor agreement records and prompt user to select one. Once user selects record, the system will then display selected IPAC vendor agreement record. Calls will be made to VIEW^FBAIAV to display IPAC vendor agreement records. ; ; FB*3.5*123 - check for IPAC agreement for Federal Vendor S FBIA=\$\$IPAC^FBAAMP(\$G(VIN)) I FBIA=-1 G CHK ; W !! S %DT="AEQXP",%DT(0)=-DT,%DT("A")="Date Correct Invoice Received: " D ^%DT K %DT(0),%DT("A") G CHK:Y<0 S INVDAT=Y W !! S %DT="AEQXP",%DT(0)=-INVDAT,%DT("A")="Vendor Invoice Date: " D ^ %DT K %DT(0),%DT("A") G CHK:Y<0 S FBVINVD=Y ; if U/C then get FPPS Claim ID else ask user I \$D(FB583) S FBFPSC=\$P(\$G(^FB583(FB583,5)),U) W !,"FPPS CLAIM ID: ",\$S (FBFPSC="":N/A,1:FBFPSC) E S FBFPSC=\$FPPSC^FBUTL5() I FBFPSC=-1 K FBFPSC G CHK S (DIE,DIC)=""^FBAA(162.1,"DA=IN S DR="1////^S X=INVDAT;1.5////^S X=DT;2////^S X=DUZ;3////^S X=VIN;5//// ^S X=1;12////^S X=FBVINVD;13////^S X=FBFPSC" Added next line I \$G(FBIA) S DR=DR_"14////^S X=FBIA" ; FB*3.5*123 file IPAC agreemen t ptr if it exists D ^DIE I \$D(^FBAA(162.1,IN,"RX",0)) S ^FBAA(162.1,IN,"RX",0)=""^162.11A^^" RDP S FBPHARM=1 W:FBINTOT>0 !,?15,"Pharmacy Invoice #: "_IN_" Totals: \$ "_\$ J(FBINTOT,1,2) ; if EDI then ask FPPS Line Item I FBFPSC]" W !!! S FBFPSC=\$FPPSC^FBUTL5() I FBFPSC=-1 K FBFPSC G C HK D ^FBAASAP K FBPHARM I 'DFN K DFN G CHK I FBTT=1 S FBMST="Y",FBTTYPE="A",FBFDC="",FBD1=FTP D ENT^FBAAAUT D HOME^%ZIS,FBPH^FBAAUTL2 I \$D(DIRUT),\$D(FB583) G CHK RDD W !! S %DT(0)=-DT,%DT="AEXP",%DT("A")="DATE PRESCRIPTION FILLED: " D ^%D T K %DT G:X["^"(X="") RDP G RDD:Y<0 S DATEF=Y I DATEF<FBAABDT!(DATEF>FBAEDT) W !,*7,"Date Prescription Filled is ",\$ S(DATEF<FBAABDT:" prior to ",1:"later than "),"authorization period!!" G RDD I INVDAT]"",DATEF>INVDAT D G RDD	

Routine Name	FBAAPIE
<pre> .N SHOINVDT S SHOINVDT=\$E(INVDATE,4,5)_"_"\$E(INVDATE,6,7)_"_"\$E(INVDATE,2,3) .W !,*,7,25,"*** Date Prescription Filled cannot be later than",!?,8," In voice Received Date (" ,SHOINVDT,") !!!" Added next 4 lines to get the DoD Invoice number ; ; FB*3.5*123 - for IPAC capture the DoD Invoice number I \$G(FBIA),\$ \$IPACINV^FBAAMP(.FBDODINV) G RDD ; I \$D(^FBAA(162.1,IN,"RX",0)) S ^FBAA(162.1,IN,"RX",0)=^162.11A^^" RDRX S DIR(0)="162.11,.01",DIR("A")="Select PRESCRIPTION NUMBER" D ^DIR K DIR G CHK:Y="^"!(Y="") S PSRX=Y,AC=0 I \$D(^FBAA(162.1,IN,"RX","B",PSRX)) G RX2^FBAAPIE1 D CHK2^FBAAPIE1 I FBJ"" K FBJ G CHKK^FBAAPIE1 RXADD K DA S DLAYGO=162.1,DA(1)=IN,DIC="^FBAA(162.1,"_IN_",""RX""",DIC(0)="EQ L",X="""""_PSRX_"""" D ^DIC K DLAYGO G:Y<0 RDRX S FBDA=+Y S DIE="^FBAA(162.1,"_DA=IN,DR="[FB ADD RX]" D ^DIE I \$D(DTOUT)!(\$G(FBUP)) G DELRX S LCNT=LCNT+1,TAC=TAC+AC K FBUP RDDER W !,*,7,"Prescription referred to Pharmacy Service for determination.",! S X="Y" S STAT(1)=" G RDP:\$D(FB583),Q^FBAAPIE1 S \$P(^FBAA(162.1,IN,"RX",DA,2),"^")="P",^FBAA(162.1,"AH","P",IN,DA)="",\$ P(^FBAA(162.1,IN,0),"^",10)="P" S DA(1)=IN,DIE=DIC HERE S:\$D(FBAP) FBINTOT=FBINTOT+FBAP S:\$D(DTOUT) FBTOUT="" G OVR:\$D(DTOUT),RD D CHK I LCNT">0 W !,"Since you didn't enter any line items",!,"Invoice # ",IN ," has been Deleted!!",*,7 D KILL G Q^FBAAPIE1:\$D(FBTOUT),MORE:\$D(FB583),Q^FBAAP IE1 OVR K DTOUT,DR,DQ,DG K STAT(2) S (DIE,DIC)="^FBAA(162.1,"_DA=IN,STAT=\$O(STAT(0)),DR="5////^S X=STAT;6// /^S X=TAC;7////^S X=FBINTOT;8////^S X=LCNT" D ^DIE G:\$D(FBTOUT) Q^FBAAPIE1 W !,"I nvoice No.: ",IN," Completed!" W:FBINTOT>0 ?45,"Invoice Total: \$ ",\$J(FBINTOT,1, 2) MORE K STAT,FBHX W ! S DIR("A")="Want to enter another Invoice",DIR("B")="No" ,DIR(0)="Y" D ^DIR K DIR G Q^FBAAPIE1:\$D(DIRUT)!('Y),ENTER Q KILL S DIK="^FBAA(162.1,"_DA=IN D ^DIK K DIK Q DELRX S DIK="^FBAA(162.1,"_DA(1)_"_""RX""",DA=FBDA D ^DIK K DTOUT,DQ,DR,DG S FBTOUT="" W !,"Incomplete prescription entry. Deleted.",! G CHK </pre>	

6.2.2.2.8.2. When entering a new inpatient, outpatient, or pharmacy invoice/payment and if any active IPAC vendor agreements exist, VistA Fee shall require the selection of one active IPAC vendor agreement.

Design

Template Name	FBCH ENTER PAYMENT file #162.5		
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirements Traceability Matrix	2.6.8.2		
Template Type	<input type="checkbox"/> Sort <input checked="" type="checkbox"/> Input <input type="checkbox"/> Print <input type="checkbox"/> Other		
Related Options	[FBCH ENTER PAYMENT]		
Related Routines	Routines "Called By"	Routines "Called"	
	FBCHEP		
Data Dictionary (DD) References	File 162.5		
Global References	^FBAAI(
Modified Logic (shown in bold)			
This input template is used to file data for a new civil hospital invoice via the [FBCH ENTER PAYMENT] option. Template will be modified to include the DOD invoice number and IPAC vendor agreement fields.			
NAME: FBCH ENTER PAYMENT//			
READ ACCESS:			
WRITE ACCESS:			
EDIT WHICH FIELD: 1////^S X=FBAAD// INVOICE DATE RECEIVED			
THEN EDIT FIELD: 46////^S X=FBAVID// VENDOR INVOICE DATE			
THEN EDIT FIELD: 55////^S X=FBCSID// PATIENT CONTROL NUMBER			
THEN EDIT FIELD: 56////^S X=\$G(FBFPSC) Replace FPPS CLAIM ID			
THEN EDIT FIELD: 57////^S X=\$G(FBFPST) Replace FPPS LINE ITEM			
THEN EDIT FIELD: 47////^S X=FBAAMM1// PROMPT PAY TYPE			
THEN EDIT FIELD: 2////^S X=FBVEN// VENDOR			
THEN EDIT FIELD: 60////^S X=\$G(FBCNTRP) Replace CONTRACT			
THEN EDIT FIELD: 3////^S X=FBVET// VETERAN			
THEN EDIT FIELD: 4////^S X=FBI7078// ASSOCIATED 7078/583			
THEN EDIT FIELD: 5////^S X=FBAABDT// TREATMENT FROM DATE			
THEN EDIT FIELD: 6////^S X=FBAEDT// TREATMENT TO DATE			
THEN EDIT FIELD: 23////^S X=FBPSA// PRIMARY SERVICE FACILITY			
THEN EDIT FIELD: 21////^S X=FBPOV// PURPOSE OF VISIT			
THEN EDIT FIELD: 22////^S X=FBPT// PATIENT TYPE CODE			
THEN EDIT FIELD: 11////^S X=FBTYPE// FEE PROGRAM			
THEN EDIT FIELD: 12////^S X=FBAAPTC// PAYMENT TYPE CODE			
THEN EDIT FIELD: 20////^S X=FBAABE// BATCH NUMBER			

Template Name	FBCH ENTER PAYMENT file #162.5
THEN EDIT FIELD: W ///	
THEN EDIT FIELD: 6.5// DISCHARGE TYPE CODE	
THEN EDIT FIELD: 54//^S X=\$G(FBCDAYS) Replace	

6.2.2.2.8.3. When entering a new inpatient, outpatient, or pharmacy invoice/payment and if any active IPAC vendor agreements exist, Vista Fee shall require the entry of the DoD Invoice Number.

Design

Template Name	FB ADD RX file #162.1		
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirements Traceability Matrix	2.6.8.3		
Template Type	<input type="checkbox"/> Sort <input checked="" type="checkbox"/> Input <input type="checkbox"/> Print <input type="checkbox"/> Other		
Related Options	[FBAA ENTER PHARMACY INVOICE]		
Related Routines	Routines “Called By”	Routines “Called”	
	FBAAPIE		
Data Dictionary (DD) References	File 162.1 and subfile 162.11		
Global References	^FBAA(162.1, and ^FBAA(162.1,D0,”RX”,		
Modified Logic (shown in bold)			
<p>This is the input template used when adding a new pharmacy invoice to file 162.1. In this file, the pointer to the IPAC Vendor agreement is stored at the file top level at 162.1 on the 0 node. The DoD invoice number is stored in the PRESCRIPTION NUMBER subfile 162.11. Most of the fields in this input template are for the 162.11 subfile after the internal value of the subfile ien as found in variable FBDA is stuffed into the subfile .01 PRESCRIPTION NUMBER field.</p> <p>Template will be modified to capture/stuff the IPAC vendor agreement at the file top level and the DoD invoice number in the 162.11 subfile.</p> <pre>S:'\$D(FBDA)!('\$D(DATEF))!('\$D(DFN))!('\$D(FBPSA))!('\$D(FB7078))!('\$D(FBASSOC))!('\$D(FBAAPTC)) Y="" K FBUP PRESCRIPTION NUMBER///^S X="`"+FBDA S:\$G(FBFPPSL)=" Y="@20" FPPS LINE ITEM///^S X=FBFPPSL @20 DATE PRESCRIPTION FILLED///^S X=DATEF PATIENT///^S X=DFN PRIMARY SERVICE FACILITY///^S X=FBPSA S Y=\$S(\$D(FBV583):"@1",1:"@2") @1 S:FBV583']"" Y="@3" ASSOCIATED 7078/583///^S X=FBV583 S Y="@3" @2 S:FB7078']"" Y="@3" ASSOCIATED 7078/583///^S X=FB7078 @3 AUTHORIZATION POINTER///^S X=FBASSOC PAYMENT TYPE CODE///^S X=FBAAPTC AMOUNT CLAIMED S AC=X DRUG NAME</pre>			

Template Name	FB ADD RX file #162.1
MANUFACTURER STRENGTH QUANTITY LINE ITEM STATUS///^S X=1 S FBUP=1 @99	

- 6.2.2.2.8.4. When entering a new inpatient, outpatient, or pharmacy invoice/payment and if only one active IPAC vendor agreement exists, VistA Fee shall automatically select that IPAC vendor agreement.**

Design

See the designs for sections 6.2.2.2.8.1 and 6.2.2.2.8.2.

- 6.2.2.2.8.5. When entering a new inpatient, outpatient, or pharmacy invoice/payment and if two or more active IPAC vendor agreements exist, VistA Fee shall display all active IPAC vendor agreements in a list and shall require the user to select one of them.**

Design

See the designs for sections 6.2.2.2.8.1 and 6.2.2.2.8.2.

- 6.2.2.2.8.6. When entering a new inpatient, outpatient, or pharmacy invoice/payment and after the selection of an active IPAC vendor agreement, VistA Fee shall display the selected IPAC vendor agreement data in the IPAC Vendor Agreement Display Format layout**

Design

See the designs for sections 6.2.2.2.8.1 and 6.2.2.2.8.2.

6.2.2.2.9. Modification to Edit Existing Invoice/Payment

- 6.2.2.2.9.1. When editing an existing inpatient, outpatient, or pharmacy invoice/payment and when existing IPAC data exists on the invoice/payment, VistA Fee shall display the existing IPAC vendor agreement information and DoD invoice number.**

Design

Routine Name	FBCHEP1
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Requirement Traceability Matrix	2.6.9.1

Routine Name	FBCHEP1		
Related Options	[FBCH EDIT PAYMENT]		
Related Routines	Routines "Called By"	Routines "Called"	
Data Dictionary (DD) References	N/A		
Related Protocols	N/A		
Related Integration Control References (ICRs)	N/A		
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local		
Input Attribute Name and Definition	Name: Definition:		
Output Attribute Name and Definition	Name: Definition:		
Current Logic			
<p>This routine is used to edit an existing civil hospital invoice via the [FBCH EDIT PAYMENT] option.</p> <p>INV W ! S DIC="^FBAAI(",DIC(0)="AEQZ",DIC("S")="I \$P(^0),U,17)=FBN" D ^DIC K DIC("S") G BT:X="!"(X="^"),INV:Y<0 S FBI=+Y</p> <p>S FBK=\$S(\$P(^FBAAI(FBI,0),"^",9)="":0,1:\$P(^0),"^",9))</p> <p>S FBLISTC="",FBAAI=FBI W @IOF D START^FBCHDI2 S FBI=FBAAI I \$P(^FBAAI (FBI,0),"^",9)=" S FBPRICE=""</p> <p>;</p>			
Modified Logic (Changes are in bold)			
<p>INV W ! S DIC="^FBAAI(",DIC(0)="AEQZ",DIC("S")="I \$P(^0),U,17)=FBN" D ^DIC K DIC("S") G BT:X="!"(X="^"),INV:Y<0 S FBI=+Y</p> <p>Added next 3 lines to see if it is an IPAC payment. If IPAC, the system will then display the IPAC vendor agreement record and DOD invoice number associated with current VistA Fee invoice.</p> <p>If IPAC, user will be then be asked if they want to edit existing IPAC vendor agreement record selected. If 'Yes', then system will display all active IPAC agreement records for the vendor from file 161.5. Once user selects the IPAC vendor agreement record, the system will display the selection.</p> <p>;</p> <p> ; FB*3.5*123 - edit inpatient invoice - check for IPAC data for Federal Vendors I</p> <p>'\$IPACEDIT^FBAAPET1(162.5,FBI,FBIA,FBDODINV) G INV</p> <p>S FBK=\$S(\$P(^FBAAI(FBI,0),"^",9)="":0,1:\$P(^0),"^",9))</p> <p>S FBLISTC="",FBAAI=FBI W @IOF D START^FBCHDI2 S FBI=FBAAI I \$P(^FBAAI (FBI,0),"^",9)=" S FBPRICE=""</p> <p>;</p> <p> ; set FB1725 flag = true if payment for a 38 U.S.C. 1725 claim</p> <p> D</p> <p> . N FBY</p> <p> . S FBY=\$G(^FBAAI(FBI,0))</p>			

Routine Name	FBCHEP1
<pre> . S FB1725=\$S(\$P(FBY,U,5))["FB583":+\$P(\$G(^FB583(+ \$P(FBY,U,5),0)),U,28),1 :0) ; get values of FPPS Claim ID and Line Item S FBFPPSC=\$P(\$G(^FBAAI(FBI,3)),U) S FBFPPSL=\$P(\$G(^FBAAI(FBI,3)),U,2) ; load current adjustment data D LOADADJ^FBCHFA(FBI_"," ,FBADJ) ; save adjustment data prior to edit session in sorted list S FBADJL(0)=\$\$ADJL^FBUTL2(.FBADJ) ; sorted list of original adjustments ; load current remittance remark data D LOADRR^FBCHFR(FBI_"," ,FBRRMK) ; load Item level Rendering provider data D LOADRP^FBUTL8(FBI_"," ,FBPROV) ;FB*3.5*122 ; save remittance remarks prior to edit session in sorted list S FBRRMKL(0)=\$\$RRL^FBUTL4(.FBRRMK) S LASTDX=\$\$LAST(FBI,"DX"),LASTPROC=\$\$LAST(FBI,"PROC") S (DIE,DIC)=""^FBAAI(" ,DIC(0)="AEQM",DA=FBI,DR="[FBCH EDIT PAYMENT]" W ! D . N ICDVDT,DFN,FB583,FBAAMM1,FBAAPTC,FBCNTRA,FBCNTRP,FBV,FBVEN,FTP . S ICDVDT=\$\$FRDTINV^FBCSV1(DA) ;date for files 80 and 80.1 identifier . ;get variables for call to PPT^FBAACO1 . S FBAAMM1=\$P(\$G(^FBAAI(DA,2)),U,3) . S FBCNTRP=\$P(\$G(^FBAAI(DA,5)),U,8) . S FBV=\$P(\$G(^FBAAI(DA,0)),U,3) . S DFN=\$P(\$G(^FBAAI(DA,0)),U,4) . S FBAAPTC=\$P(\$G(^FBAAI(DA,0)),U,13) . S X=\$P(\$G(^FBAAI(DA,0)),U,5) . S:X[";FB583(" FB583=+X . S FTP=\$\$X["":+\$O(^FBAAA("AG",X,DFN,0)),1:"") . S FBVEN=\$\$FTP:\$P(\$G(^FBAAA(DFN,1,FTP,0)),U,4),1:"") . S FBCNTRA=\$\$FTP:\$P(\$G(^FBAAA(DFN,1,FTP,0)),U,22),1:"") . D ^DIE ; if adjustment data changed then file I \$\$ADJL^FBUTL2(.FBADJ)=FBADJL(0) D FILEADJ^FBCHFA(FBI_"," ,FBADJ) ; if remit remark data changed then file I \$\$RRL^FBUTL4(.FBRRMK)=FBRRMKL(0) D FILERR^FBCHFR(FBI_"," ,FBRRMK) ; remove any gaps in codes D RMVGAP(FBI,1) ; if line item rendering providers exist then file FB*3.5*133 I \$D(FBPROV) D FILERP^FBUTL8(FBI_"," ,FBPROV) K FBAAMM,FBAAMM1 S FBNK=\$P(^FBAAI(FBI,0),"^",9) I FBNK-FBK S \$P(^FBAA(161.7,FBN,0),"^",9)=FBBAMT+(FBNK-FBK) </pre>	

Routine Name	FBCHEP1
Added FBDODINV,FBIA to kill END K DA,DFN,DIC,DIE,DR,FBAAOUT,FBDODINV,FBDX,FBI,FBIA,FBIN,FBLISTC,FBN,FBPR OC,FBSTAT,FBVEN,FBVID,J,K,L,POP,Q,VA,VADM,X,FBIFN,Y,FBPRICE,FBK,FBNK,FB583,FBAAP N,FBASSOC,FBDEL,FBLOC,DAT	

Routine Name	FBAAEPI		
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability Matrix	2.6.9.1		
Related Options	[FBAA EDIT PAHRMACY INVOICE]		
Related Routines	Routines “Called By”	Routines “Called”	
	N/A		
Data Dictionary (DD) References	N/A		
Related Protocols	N/A		
Related Integration Control References (ICRs)	N/A		
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local		
Input Attribute Name and Definition	Name: Definition:		
Output Attribute Name and Definition	Name: Definition:		
Current Logic			
This routine is used to edit an existing pharmacy invoice via the [FBAA EDIT PHARMACY INVOICE] option. RD W ! S DIC="^FBAA(162.1," ,DIC(0)="AEQM",DIC("A")="Select Invoice #: ", DIC("S")="I \$P(^ (0),U,5)'=4!(\$P(^ (0),U,5)=4&\$D(^XUSEC("FBAASUPERVISOR",DUZ)))" D ^DIC K DIC("S") G END:X=""!(X="^"),RD:Y<0 S (DA,FBDA)=+Y,DIE=DIC			
Modified Logic (Changes are in bold)			
RD W ! S DIC="^FBAA(162.1," ,DIC(0)="AEQM",DIC("A")="Select Invoice #: ", DIC("S")="I \$P(^ (0),U,5)'=4!(\$P(^ (0),U,5)=4&\$D(^XUSEC("FBAASUPERVISOR",DUZ)))" D ^DIC K DIC("S") G END:X=""!(X="^"),RD:Y<0 S (DA,FBDA)=+Y,DIE=DIC ; save FPPS data prior to edit session S (FBFPPSC,FBFPPSC(0))=\$P(\$G(^FBAA(162.1,FBDA,0)),U,13) D LASTRXDT ;Look up last RX FILL DATE in selected invoice, for use in va lidating Invoice Received Date if it is edited.			

Routine Name	FBAAEPI
<pre> S DR="@1;1;I \$\$BADDATE^FBAAEPI(LASTRXDT,X) S Y=""@1"";Q;12;S FBX=\$\$FPPSC ^FBUTL5(1,FBFPPSC);S:FBX=-1 Y=0;S:FBX="" Y=""@10"";13///^S X=FBX;S FBFPPSC=X;S Y=""@15"";@10;13///@;S FBFPPSC="""";@15;3;5" D ^DIE K DIC ; if FPPS CLAIM ID changed, then update Rx's I FBFPPSC=FBFPPSC(0) D CKINVEDI^FBAAEPI1(FBFPPSC(0),FBFPPSC,FBDA) S DIC=""^FBAA(162.1,DA,""RX""",",DIC(0)="AEQM",DIC("W")="W ?30,""DATE RX F ILLED: ""_\$E(\$P(^0),U,3),4,5)_""/""_\$E(\$P(^0),U,3),6,7)_""/""_\$E(\$P(^0),U,3), 2,3)" D ^DIC G END:X=""!(X=""^"),RD:Y<0 W ! S (FBJ,FBK)=0 ;check status of batch rx is in. S DA=+Y,DA(1)=FBDA S FBSTAT=\$P(\$G(^FBAA(161.7,+P(\$G(^FBAA(162.1,+FBDA," RX",+DA,0)),U,17),"ST"),U) I FBSTAT]" D .I \$D(^XUSEC("FBAASUPERVISOR",DUZ)) D .. I \$\$ (FBSTAT="O":0,FBSTAT="C":0,1:1) D ... W !,*7,"You cannot edit a payment once released by a supervisor.",! S FBOUT=1 Q .I \$\$ (FBSTAT="T":1,FBSTAT="F":1,FBSTAT="V":1,1:0) D .. W !,*7,"You cannot edit an invoice when the batch has been sent to Au stin",! S FBOUT=1 I \$G(FBOUT) D END G FBAAEPI Added next 4 lines to see if it is an IPAC payment. If IPAC, the system will then display the IPAC vendor agreement record and DOD invoice number associated with current VistA Fee invoice. If IPAC, the system will then display the IPAC vendor agreement record and DOD invoice number associated with current VistA Fee invoice. If IPAC, user will be then be asked if they want to edit existing IPAC vendor agreement record selected. If 'Yes', then system will display all active IPAC agreement records for the vendor from file 161.5. Once user selects the IPAC vendor agreement record, the system will display the selection. ; ; FB*3.5*123 - Edit pharmacy IPAC data for Federal Vendors I '\$\$IPACEDIT^FBAAPET1(162.1,DA) D END G FBAAEPI ; S DIE=""^FBAA(162.1,FBDA,""RX""",", ; get current value of FPPS LINE ITEM to use as default S FBFPPSL=\$P(\$G(^FBAA(162.1,FBDA,"RX",DA,3)),U) ; load current adjustment data D LOADADJ^FBRXFA(DA_","_FBDA_","_FBADJ) ; save adjustment data prior to edit session in sorted list S FBADJL(0)=\$\$ADJL^FBUTL2(.FBADJ) ; sorted list of original adjustments ; load current remittance remark data D LOADRR^FBRXFR(DA_","_FBDA_","_FBRRMK) ; save remittance remarks prior to edit session in sorted list S FBRRMKL(0)=\$\$RRL^FBUTL4(.FBRRMK) S DR=".01;S:FBFPPSC="" Y=1;S FBX=\$\$FPPSL^FBUTL5(FBFPPSL);S:FBX=-1 Y=0; 36///^S X=FBX;S FBFPPSL=X;1;1.5;1.6;3;S FBJ=X;I \$P(^FBAA(162.1,DA(1),"RX""",DA,0 </pre>	

Routine Name	FBAAEPI
<pre>),U,9)=1 S Y="";I 1;5" S DR(1,162.11,1)="S FBA=\$P(\$G(^FBAA(162.1,DA(1),"RX",DA,2)),U,6);S FB1 725=\$S(FBA["FB583":+\$P(\$G(^FB583(+FBA,0)),U,28),1:0);W:FB1725 !?2,"**Payment is for emergency treatment under 38 U.S.C. 1725."" S DR(1,162.11,2)="@12;S FBHAP=\$P(^FBAA(162.1,DA(1),"RX",DA,0),U,16);6. 5;S FBK=X;S:FBK]"" Y=""@20"";K FBADJ,FBRRMK;S Y=8" S DR(1,162.11,3)="@20;I FBK>FBJ S \$P(^FBAA(162.1,DA(1),"RX",DA,0),U,16)=FBHAP W !,*7,"Amount Paid cannot be greater than the Amount Claimed" S Y=""@ 12"" ;S DR(1,162.11,4)="S:FBJ=FBK Y=""@5"";6///^S X=FBJ-FBK;Q;6R;7R;S:X'=4 Y =""@6"";20;S Y=""@6"";@5;6///@;7///@;20///@;@6;8" S DR(1,162.11,4)="K FBADJD;M FBADJD=FBADJ;S FBX=\$\$ADJ^FBUTL2(FBJ-FBK,.FB ADJ,2,..FBADJD,1);K FBADJD" S DR(1,162.11,5)="K FBRRMKD;M FBRRMKD=FBRRMK;S FBX=\$\$RR^FBUTL4(.FBRRMK,2 ,..FBRRMKD);K FBRRMKD;S:FBX=-1 Y=0;8" D ^DIE ; if adjustment data changed then file I \$\$ADJL^FBUTL2(.FBADJ)=FBADJL(0) D FILEADJ^FBRXFA(DA_,"_FBDA_",",.FBA DJ) ; if remit remark data changed then file I \$\$RRL^FBUTL4(.FBRRMK)=FBRRMKL(0) D FILERR^FBRXFR(DA_,"_FBDA_",",.FBR RMK) ; LASTRXDT ;Look up last RX FILL DATE in selected invoice, for use in valid ating Invoice Received Date if it is edited. ;DA contains the selected INV# N I S LASTRXDT=0 F I=1:1 Q:\$D(^FBAA(162.1,DA,"RX",I)) D .N RXDT S RXDT=\$P(^FBAA(162.1,DA,"RX",I,0),"^",3) .I RXDT>LASTRXDT S LASTRXDT=RXDT,RXNUM=\$P(^FBAA(162.1,DA,"RX",I,0),"^",1) Q ; BADDATE(LASTRXDT,INVRCDT) ;Reject entry if InvRcvDt is Prior to the last R x Fill Date on the Invoice I INVRCDT<LASTRXDT D Q 1 ;Reject entry .N SHOWRXDT S SHOWRXDT=\$E(LASTRXDT,4,5)_"_"\$E(LASTRXDT,6,7)_"_"\$E(LAS TRXDT,2,3) ;Convert RXDT into display format for error message .W *7,!75,"** Invoice Received Date cannot be prior to the last",!78," Prescription Filled Date on the Invoice ("_SHOWRXDT_" for RX# "_RXNUM_") !!!" Q 0 ;Accept entry ; </pre>	

Routine Name	FBAAEPI
<p>END K D,DA,DIC,DIE,DR,FBJ,FBK,FBDA,FBOUT,FBSTAT,FBHAP,X,Y,FBA,FB1725 K FBADJ,FBADJD,FBADJL,FBFPPSC,FBFPPSL,FBRRMK,FBRRMKD,FBRRMKL,LASTRXDT,RX NUM Q Added method to retrieve IPAC data for pharmacy invoices ; GETIPAC(FBDA,FBVEN,FBIA,FBODINV) ; Get vendor/IPAC data for Pharmacy ; All parameters required and assumed to exist ; Called by \$\$IPACEDIT^FBAAPET1 S FBVEN=+P(\$G(^FBAA(162.1,FBDA(1),0)),U,4) ; vendor ien S FBIA=+P(\$G(^FBAA(162.1,FBDA(1),0)),U,23) ; IPAC agreeme nt ien S FBODINV=\$P(\$G(^FBAA(162.1,FBDA(1),"RX",FBDA,6)),U,1) ; DoD invoice# Q ; Added method to delete IPAC data for pharmacy invoices DELIPAC(FBDA) ; Delete all IPAC data on file for Pharmacy ; Called by \$\$IPACEDIT^FBAAPET1 N FBIENS,FBIAFDA,DIE,DA,DR,DIC S FBIENS=FBDA_"_"FBDA(1)_"_" S FBIAFDA(162.11,FBIENS,39)=""; remove DoD invoice# from subfile 162.11 D FILE^DIE("","FBIAFDA") S DIE=162.1,DA=FBDA(1),DR="14///@" D ^DIE ; remove IPAC ptr from file t op level 162.1 Q ; Added method to file IPAC data for pharmacy invoices SAVEIPAC(FBDA,FBIA,FBODINV,WHICH) ; Store IPAC data into the database for Pharmacy ; Called by \$\$IPACEDIT^FBAAPET1 N FBIENS,FBIAFDA,DIE,DA,DR,DIC S:\$D(WHICH) WHICH="" S FBIENS=FBDA_"_"FBDA(1)_"_" I WHICH'=1 D . S FBIAFDA(162.11,FBIENS,39)=FBODINV ; store DoD invoice# in sub file 162.11 . D FILE^DIE("","FBIAFDA") I WHICH'=2 D . S DIE=162.1,DA=FBDA(1),DR="14///^S X=FBIA" D ^DIE ; store IPAC poi nter ien in file top level 162.1 Q ;</p>	

Routine Name	FBAAEPI

Routine Name	FBCHPET	
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.9.1	
Related Options	[FBCH EDIT ANCILLARY PAYMENT]	
Related Routines	Routines "Called By"	Routines "Called"
	N/A	FBAAIAV
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		
<p>This routine is used to edit ancillary payments via the [FBCH EDIT ANCILLARY PAYMENT] option.</p> <pre> EDIT S DA=FBSV ; ; first edit CPT code and modifiers D CPTM^FBAALU(FBAADT,DFN,FBAACP(0),FBMODL) I '\$G(FBGOT) G GETPT ; if CPT was changed then update file I FBAACP'=FBAACP(0) D I FBAACP="@ " G GETPT . N FBIENS,FBFDA . S FBIENS=FBDA_"",_FBDA(1)_"",_FBDA(2)_"",_FBDA(3)_"", . S FBFDA(162.03,FBIENS,.01)=FBAACP . D FILE^DIE("","FBFDA") D MSG^DIALOG() ; if modifiers changed then update file I FBMODL'=\$\$MODL^FBAAUTL4("FBMODA") D REPMOD^FBAAUTL4(FBDA(3),FBDA(2),FB DA(1),FBDA) ; ; now edit remaining fields S DIE("NO^")="" </pre>		

Routine Name	FBCHPET
Modified Logic (Changes are in bold)	
<pre> EDIT S DA=FBSV ; ; first edit CPT code and modifiers D CPTM^FBAALU(FBAADT,DFN,FBAACP(0),FBMODL) I '\$G(FBGOT) G GETPT ; if CPT was changed then update file I FBAACP'=FBAACP(0) D I FBAACP="@ " G GETPT . N FBIENS,FBFDA . S FBIENS=FBDA_"_"_FBDA(1)_"_"_FBDA(2)_"_"_FBDA(3)_"_" . S FBFDA(162.03,FBIENS,.01)=FBAACP . D FILE^DIE("","FBFDA") D MSG^DIALOG() ; if modifiers changed then update file I FBMODL'=\$\$MODL^FBAAUTL4("FBMODA") D REPMOD^FBAAUTL4(FBDA(3),FBDA(2),FB DA(1),FBDA) Added next 4 lines to see if its an IPAC Vendor. ; ; Check for IPAC data requirements for Federal Vendors (FB*3.5*123) I '\$\$IPACEDIT^FBAAPET1(162.03,.FBDA) G SERV ; ; now edit remaining fields </pre>	

Routine Name	FBAAPET		
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability Matrix	2.6.9.1		
Related Options	[FBAA EDIT PAYMENT]		
Related Routines	Routines “Called By”	Routines “Called”	
	N/A		
Data Dictionary (DD) References	N/A		
Related Protocols	N/A		
Related Integration Control References (ICRs)	N/A		
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local		
Input Attribute Name and Definition	Name: Definition:		
Output Attribute Name and Definition	Name: Definition:		

Routine Name	FBAAPET
Current Logic	
This routine is used to edit outpatient payments via the [FBAA EDIT PAYMENT] option.	
<pre> EDIT S DA=FBSV ; ; first edit CPT code and modifiers D CPTM^FBAALU(FBAADT,DFN,FBAACP(0),FBMODL) I '\$G(FBGOT) G GETPT ; if CPT was changed then update file I FBAACP'=FBAACP(0) D I FBAACP="@ " G GETPT . N FBIENS,FBFDA . S FBIENS=FBDA_"_"_FBDA(1)_"_"_FBDA(2)_"_"_FBDA(3)_"_" . S FBFDA(162.03,FBIENS,.01)=FBAACP . D FILE^DIE("","FBFDA") D MSG^DIALOG() ; if modifiers changed then update file I FBMODL'=\$\$MODL^FBAAUTL4("FBMODA") D REPMOD^FBAAUTL4(FBDA(3),FBDA(2),FB DA(1),FBDA) ; </pre>	
Modified Logic (Changes are in bold)	
<pre> EDIT S DA=FBSV ; ; first edit CPT code and modifiers D CPTM^FBAALU(FBAADT,DFN,FBAACP(0),FBMODL) I '\$G(FBGOT) G GETPT ; if CPT was changed then update file I FBAACP'=FBAACP(0) D I FBAACP="@ " G GETPT . N FBIENS,FBFDA . S FBIENS=FBDA_"_"_FBDA(1)_"_"_FBDA(2)_"_"_FBDA(3)_"_" . S FBFDA(162.03,FBIENS,.01)=FBAACP . D FILE^DIE("","FBFDA") D MSG^DIALOG() ; if modifiers changed then update file I FBMODL'=\$\$MODL^FBAAUTL4("FBMODA") D REPMOD^FBAAUTL4(FBDA(3),FBDA(2),FB DA(1),FBDA) </pre> <p>Added next 4 lines</p> <p>If IPAC, the system will then display the IPAC vendor agreement record and DOD invoice number associated with current outpatient payment.</p> <p>If IPAC, user will be then be asked if they want to edit existing IPAC vendor agreement record selected. If 'Yes', then system will display all active IPAC agreement records for the vendor from file 161.5. Once user selects the IPAC vendor agreement record, the system will display the selection.</p> <pre> ; ; Check for IPAC data requirements for Federal Vendors (FB*3.5*123) I '\$\$IPACEDIT^FBAAPET1(162.03,.FBDA) G SERV ; ; now edit remaining fields Set flag here to identify IPAC Vendors </pre>	

Routine Name	FBAAPET

- 6.2.2.2.9.2. When editing an existing inpatient, outpatient, or pharmacy invoice/payment and when existing IPAC data exists on the invoice/payment, VistA Fee shall allow the user to change the existing IPAC vendor agreement and DoD invoice number.**

Design

See the design for section 6.2.2.2.9.1.

- 6.2.2.2.9.3. When editing an existing inpatient, outpatient, or pharmacy invoice/payment and when no IPAC data exists on the invoice/payment, VistA Fee shall search for any active IPAC vendor agreements for the selected vendor.**

Design

See the design for section 6.2.2.2.9.1.

- 6.2.2.2.9.4. When editing an existing inpatient, outpatient, or pharmacy invoice/payment and if any active IPAC vendor agreements exist, VistA Fee shall require the selection of one active IPAC vendor agreement.**

Design

Template Name	FBCH EDIT PAYMENT file #162.5		
Enhancement Category	<input type="checkbox"/> New	<input checked="" type="checkbox"/> Modify	<input type="checkbox"/> Delete <input type="checkbox"/> No Change
Requirements Traceability Matrix	2.6.9.4		
Template Type	<input type="checkbox"/> Sort	<input checked="" type="checkbox"/> Input	<input type="checkbox"/> Print <input type="checkbox"/> Other
Related Options	[FBCH EDIT PAYMENT]		
Related Routines	Routines “Called By”	Routines “Called”	
	FBCHEP1		
Data Dictionary (DD) References			
Global References			
Modified Logic (shown in bold)			
This input template is used to edit data for an existing civil hospital invoice via the [FBCH EDIT PAYMENT] option.			
Template will be modified to include the DOD invoice number and IPAC vendor agreement fields.			
NAME: FBCH EDIT PAYMENT//			
READ ACCESS:			

Template Name	FBCH EDIT PAYMENT file #162.5
<p>WRITE ACCESS:</p> <p>EDIT WHICH FIELD: 1// INVOICE DATE RECEIVED</p> <p>THEN EDIT FIELD: I 1//</p> <p>THEN EDIT FIELD: 46// VENDOR INVOICE DATE</p> <p>THEN EDIT FIELD: 55// PATIENT CONTROL NUMBER</p> <p>THEN EDIT FIELD: S FBX=\$FPPSC^FBUTL5(1,FBFPPSC) Replace</p> <p>THEN EDIT FIELD: S:FBX=-1 Y=0//</p> <p>THEN EDIT FIELD: S:FBX="" Y="@10"//</p> <p>THEN EDIT FIELD: 56///^S X=FBX// FPPS CLAIM ID</p> <p>THEN EDIT FIELD: S FBFPPSC=X//</p> <p>THEN EDIT FIELD: S FBX=\$FPPSL^FBUTL5(FBFPPSL,1) Replace</p> <p>THEN EDIT FIELD: S:FBX=-1 Y=0//</p> <p>THEN EDIT FIELD: 57///^S X=FBX// FPPS LINE ITEM</p> <p>THEN EDIT FIELD: S FBFPPSL=X//</p> <p>THEN EDIT FIELD: S Y="@14"//</p> <p>THEN EDIT FIELD: @10//</p> <p>THEN EDIT FIELD: 56///@//</p> <p>WARNING: THIS MEANS AUTOMATIC DELETION!! FPPS CLAIM ID</p> <p>THEN EDIT FIELD: S FBFPPSC=""//</p> <p>THEN EDIT FIELD: 57///@//</p> <p>WARNING: THIS MEANS AUTOMATIC DELETION!! FPPS LINE ITEM</p> <p>THEN EDIT FIELD: S FBFPPSL=""//</p>	

Template Name	FBAA INVOICE EDIT file #162.1		
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirements Traceability Matrix	2.6.9.4		
Template Type	<input type="checkbox"/> Sort <input checked="" type="checkbox"/> Input <input type="checkbox"/> Print <input type="checkbox"/> Other		
Related Options	[FBAA EDIT PHARMACY INVOICE]		
Related Routines	Routines "Called By"	Routines "Called"	
	FBAAEPI		
Data Dictionary (DD) References			
Global References			
Modified Logic (shown in bold)			
<p>This input template is used to edit data for an existing pharmacy invoice via the [FBAA EDIT PHARMACY INVOICE] option.</p> <p>Template will be modified to include the DOD invoice number and IPAC vendor agreement fields.</p> <p>NAME: FBAA INVOICE EDIT//</p> <p>READ ACCESS:</p>			

Template Name	FBAAC INVOICE EDIT file #162.1
<p>WRITE ACCESS:</p> <p>EDIT WHICH FIELD: .01// NUMBER</p> <p>THEN EDIT FIELD: 1// DATE CORRECT INVOICE RECV'D</p> <p>THEN EDIT FIELD: 3// VENDOR</p> <p>THEN EDIT FIELD: 4// PRESCRIPTION NUMBER (multiple)</p> <p>EDIT WHICH PRESCRIPTION NUMBER SUB-FIELD: .01// PRESCRIPTION NUMBER</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: 1// DRUG NAME</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: 1.5// STRENGTH</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: 1.6// QUANTITY</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: 2// DATE PRESCRIPTION FILLED</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: 3// AMOUNT CLAIMED</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: 4// PATIENT</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: I \$P(^FBAAC(162.1,DA(1),"RX",DA,0),U,9)=1 S Y=""</p> <p>Replace</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: I 1//</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: 5// RED BOOK COST</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: 6// AMOUNT SUSPENDED</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: 6.5// AMOUNT PAID</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: 7// SUSPEND CODE</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: S:X=4 Y=8//</p> <p>THEN EDIT PRESCRIPTION NUMBER SUB-FIELD: 20//</p>	

- 6.2.2.2.9.5. When editing an existing inpatient, outpatient, or pharmacy invoice/payment and if any active IPAC vendor agreements exist, VistA Fee shall require the entry of the DoD Invoice Number.**

Design

See the design for section 6.2.2.2.9.1.

- 6.2.2.2.9.6. When editing an existing inpatient, outpatient, or pharmacy invoice/payment and if only one active IPAC vendor agreement exists, VistA Fee shall automatically select that IPAC vendor agreement.**

Design

See the design for section 6.2.2.2.9.1.

- 6.2.2.2.9.7. When editing an existing inpatient, outpatient, or pharmacy invoice/payment and if two or more active IPAC vendor agreements exist,**

VistA Fee shall display all active IPAC vendor agreements in a list and shall require the user to select one of them.

Design

See the design for section 6.2.2.2.9.1.

- 6.2.2.2.9.8.** When editing an existing inpatient, outpatient, or pharmacy invoice/payment and after the selection of an active IPAC vendor agreement, VistA Fee shall display the selected IPAC vendor agreement data in the IPAC Vendor Agreement Display Format layout.

Design

See the design for section 6.2.2.2.9.1.

6.2.2.2.10. Modification to Display Invoice options

- 6.2.2.2.10.1.** VistA Fee shall display the IPAC Agreement ID and DoD Invoice number when this data is present in the option “Invoice Display” [FBAA INVOICE DISPLAY] for outpatient invoices.

Design

Routine Name	FBAAPIN	
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.10.1	
Related Options	[FBAA INVOICE DISPLAY]	
Related Routines	Routines “Called By”	Routines “Called”
		FBCKO^FBAACCB2 PMNT^FBAACCB2
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		

Routine Name	FBAAPIN
<p>This routine is currently used to display the outpatient payments invoice. It can be accessed via the [FBAA INVOICE DISPLAY] option.</p>	
<pre> SET2 ; N FBX,FBCNTRN S N=\$S(\$D(^DPT(J,0)):SP(^0,"^",1,1:""),S=\$S(N)"":SP(^DPT(J,0),"^", 9,1:""),V=\$S(\$D(^FBAAV(K,0)):SP(^FBAAV(K,0),"^",1,1:"")) S T=\$P(FBY,Y,"^",5),D2=\$P(FBY,Y,"^",6),ZS=\$P(FBY,Y,"^",20),VP=\$P(FBY,Y,"^",21) S T=\$P(\$G(^FBAA(161.27,+T,0)),U) S TAMD=\$FN(\$P(FBY,Y,U,4),"",2) S FBAACPT=\$P(FBY,Y,"^",1) I FBAACPT]"" S FBAACPT=\$\$CPT^FBAAUTL4(FBAACPT) S FBMODLE=\$\$MODL^FBAAUTL4("^FBAAAC(" _J_",1," _K_",1," _L_",1," _M_", ""M""),"E") S FBUNITS=\$P(FBY,U,14) S FBFPSSL=\$P(FBY,3,U,2) S FBX=\$\$ADJLRA^FBAAFAM _," _L_", " _K_", " _J_",") S FBADJLR=\$P(FBX,U) S FBADJLA=\$P(FBX,U,2) S FBRRMKL=\$\$RRL^FBAAFR(M _," _L_", " _K_", " _J_",") S FBCNTRN=\$S(\$P(FBY,U,17):\$P(\$G(^FBAA(161.43,\$P(FBY,U,17),0)),U),1:"") S A1=\$P(FBY,Y,"^",2)+.0001,A2=\$P(FBY,Y,"^",3)+.0001,A3=\$P(FBY,Y,"^",12)+ .0001,A1=\$P(A1,".",1) _," _E(\$P(A1,".",2),1,2),A2=\$P(A2,".",1) _," _E (\$P(A2,".",2),1,2),A3=\$P(A3,".",1) _," _E(\$P(A3,".",2),1,2),FBINTOT=F BINTOT+A2+.0001 S FBINTOT=\$P(FBINTOT,".",1) _," _E(\$P(FBINTOT,".",2),1,2) S FBBN=\$S(\$P(FBY,Y,"^",8)]"":\$S(\$D(^FBAA(161.7,\$P(FBY,Y,"^",8),0)):SP(^ (0),"^",1,1:""),\$P(FBY,Y("REJ"),"^",3)]"":\$S(\$D(^FBAA(161.7,\$P(FBY,Y(" REJ"),"^",3),0)):SP(^0,"^",1,1:""),1:"") D FBCKO^FBAACCB2(J,K,L,M) I '\$D(FBHED) D HED D WRT S FBHED=1 Q WRT I (\$Y+5)>IOSL S DIR(0)="E" D ^DIR K DIR S:Y FBAAOUT=1 Q:FBAAOUT D HED W !!,N,?33,\$\$DATX^FBAAUTL(D),?43,FBAACPT_\$S(\$G(FBMODLE)]"": "- _\$P(FBM ODLE,"),1:"") I FBAARCE]"" W ?51,"/",FBAARCE W ?57,FBBN,?67,\$S(FBY,Y("REJ")]"":"Rejected",1:\$\$DATX^FBAAUTL(D2)) I \$P(\$G(FBMODLE),"",2)]"" D Q:FBAAOUT . N FBI . F FBI=2:1 S FBMOD=\$P(FBMODLE,"",FBI) Q:FBMOD="" D Q:FBAAOUT . . I \$Y+5>IOSL D Q:FBAAOUT W !,"(continued)" . . . S DIR(0)="E" D ^DIR K DIR S:Y FBAAOUT=1 Q:FBAAOUT D HED . . W !,?48,"-",FBMOD W !,\$S(ZS="R": "*" ,1:""),\$S(VP="VP": "#",1:""),\$S(\$G(FBCAN)]"": "+",1:"") W ?3,FBFPSSL,?14,"\$",\$J(A1,8),?26,"\$",\$J(A2,8),?37,FBUNITS ; write adjustment reasons, if null then write suspend code W ?43,\$S(FBADJLR]"":FBADJLR,1:T) ; write adjustment amounts, if null then write amount suspended W ?53,"\$",\$S(FBADJLA]"":FBADJLA,1:TAMT) W ?69,FBRRMKL ; if adjustment reasons null and suspend code = other then write desc. I FBADJLR="" ,T=4 D ^FBAAPIN1 I FBCNTRN]"" W !!,?2,"Contract Number: ",FBCNTRN D PMNT^FBAACCB2 </pre>	

Routine Name	FBAAPIN
Q	
Modified Logic (Changes are in bold)	
<pre> SET2 ; Added FBIA,FBDODINV to new N FBX,FBIA,FBDODINV S N=\$S(\$D(^DPT(J,0)):SP(^0,"^",1,1:""),S=\$S(N]""\$:SP(^DPT(J,0),"^", 9,1:""),V=\$S(\$D(^FBAAV(K,0)):SP(^FBAAV(K,0),"^",1,1:"") S T=\$P(FBY,"^",5),D2=\$P(FBY,"^",6),ZS=\$P(FBY,"^",20),VP=\$P(FBY,"^",21) S T=\$P(\$G(^FBAA(161.27,+T,0)),U) S TAMT=\$FN(\$P(FBY,U,4),""\$,2) S FBAACPT=\$P(FBY,"^",1) I FBAACPT]"" S FBAACPT=\$\$CPT^FBAAUTL4(FBAACPT) S FBMODLE=\$\$MODL^FBAAUTL4(^FBAA(" _J_",1," _K_",1," _L_",1," _M_",1,"M""),"E") S FBUNITS=\$P(FBY,U,14) S FBFPPSL=\$P(FBY,3,U,2) S FBX=\$\$ADJLRA^FBAFA(M _," _L _"," _K _"," _J _") S FBADJLR=\$P(FBX,U) S FBADJLA=\$P(FBX,U,2) S FBRMKL=\$\$RRL^FBAFR(M _," _L _"," _K _"," _J _") S FBCNTRN=\$\$(\$P(FBY,U,17):\$P(\$G(^FBAA(161.43,\$P(FBY,U,17),0)),U),1:"") Added next 3 lines to set the variables for the IPAC vendor Agreement here S FBIA=+\$P(\$G(^FBAA(J,1,K,1,L,1,M,3)),U,6) ; IPAC agreement pointer (*123) S FBIA=\$S(FBIA:\$P(\$G(^FBAA(161.95,FBIA,0)),U,1,1:"") ; IPAC vendor agreement ID (*123) S FBDODINV=\$P(\$G(^FBAA(J,1,K,1,L,1,M,3)),U,7) ; DoD invoice number (*123)S A1=\$P(FBY,"^",2)+.0001,A2=\$P(FBY,"^",3)+.0001,A3=\$P(FBY,"^",12)+ .0001,A1=\$P(A1,".",1)_"_"\$E(\$P(A1,".",2),1,2),A2=\$P(A2,".",1)_"_"\$E (\$P(A2,".",2),1,2),A3=\$P(A3,".",1)_"_"\$E(\$P(A3,".",2),1,2),FBINTOT=F BINTOT+A2+.0001 S FBINTOT=\$P(FBINTOT,".")_"_"\$E(\$P(FBINTOT,".",2),1,2) S FBBN=\$\$(\$P(FBY,"^",8)):\$\$(\$D(^FBAA(161.7,\$P(FBY,"^",8),0)):SP(^ (0,"^",1,1:""),\$P(FBY("REJ"),"^",3)):\$\$(\$D(^FBAA(161.7,\$P(FBY(" REJ"),"^",3),0)):SP(^0,"^",1,1:""),1:"") D FBCKO^FBAACCB2(J,K,L,M) I '\$D(FBHED) D HED D WRT S FBHED=1 Q WRT I (\$Y+5)>IOSL S DIR(0)="E" D ^DIR K DIR S:Y FBAAOUT=1 Q:FBAAOUT D HED W !,N,?33,\$\$DATX^FBAAUTL(D),?43,FBAACPT_\$S(\$G(FBMODLE))]"":-" _\$P(FBM ODLE,"",1:"") I FBAARCE]"" W ?51,"/","FBAARCE W ?57,FBBN,?67,\$\$(\$P(FBY("REJ"))]"":"Rejected",1:\$\$DATX^FBAAUTL(D2)) I \$P(\$G(FBMODLE),"",2)]"" D Q:FBAAOUT . N FBI . F FBI=2:1 S FBMOD=\$P(FBMODLE,"",FBI) Q:FBMOD="" D Q:FBAAOUT . . I \$Y+5>IOSL D Q:FBAAOUT W !,"(continued)" . . . S DIR(0)="E" D ^DIR K DIR S:Y FBAAOUT=1 Q:FBAAOUT D HED . . W !,?48,"-","FBMOD W !,\$\$(\$ZS="R":"*",1:""),\$(VP="VP":"#",1:""),\$(G(FBCAN))]"":"+",1:"") W ?3,FBFPPSL,?14,\$\$,SJ(A1,8),?26,\$\$,SJ(A2,8),?37,FBUNITS ; write adjustment reasons, if null then write suspend code W ?43,\$\$(FBADJLR]"":FBADJLR,1:T) ; write adjustment amounts, if null then write amount suspended W ?53,\$\$,\$(FBADJLA]"":FBADJLA,1:TAMT) </pre>	

Routine Name	FBAAPIN
W ?69,FBRRMKL ; if adjustment reasons null and suspend code = other then write desc. I FBADJLR="",T=4 D ^FBAAPIN1 I FBCNTRN]" W !,?2,"Contract Number: ",FBCNTRN Added line to display IPAC vendor agreement record and DOD invoice number associated with the invoice if they exist. I FBIA=""!(FBDODINV="") W !?5,"IPAC Number: ",FBIA,?30,"DoD Invoice Number: ",FBDODINV D PMNT^FBAACCB2 Q	

6.2.2.2.10.2. VistA Fee shall display the IPAC Agreement ID and DoD Invoice number when this data is present in the option “Invoice Display” [FBCH INVOICE DISPLAY] for inpatient invoices.

Design

Routine Name	FBCHDI2		
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability Matrix	2.6.10.2		
Related Options	[FBCH INVOICE DISPLAY] [FBCH COMPLETE PAYMENT] [FBCH REINITITATE PRICER REJECTS] [FB VENDOR/VETERAN PAYMENTS] [FBCH EDIT PAYMENT]		
Related Routines	Routines “Called By”	Routines “Called”	
		GETINV^FBCHVH	
Data Dictionary (DD) References	N/A		
Related Protocols	N/A		
Related Integration Control References (ICRs)	N/A		
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local		
Input Attribute Name and Definition	Name: Definition:		
Output Attribute Name and Definition	Name: Definition:		
Current Logic			
The routine is currently used to display the civil hospital payment invoice. It can be accessed via the [FBCH INVOICE DISPLAY] option. The option is used to view or print Civil Hospital invoices. Routine currently makes call to GETINV^FBCHVH to gather invoice information.			

Routine Name	FBCHDI2
<pre> EN D GETINV^FBCHVH Q:FBAAOUT F J=5,16,17 S FBIN(J)=SP(FBIN,"^",J) S Y=FBIN(16) D PDF^FBAAUTL S FBIN(16)=Y S:SP(FBIN(5),"",2)="FB583(" FBIN(5)=" I FBIN(5)]"" S FBIN(5)=\$S(\$D(^FB7078(+FBIN(5),0)):SP(^0, "^",1),1:"") I FBIN(17)]"" S FBIN(17)=\$S(\$D(^FBAA(161.7,FBIN(17),0)):SP(^0,"^",1),1:"") I FBIN(5)]"" W !,?4,"Associated 7078: ",FBIN(5) W !,?4,"Batch #: ",FBIN(17),?40,"Date Finalized: ",FBIN(16),! I \$D(^FBAAI(FBI,"FBREJ")),SP(^("FBREJ"),"^",1)]"" W ?4,"Rejects Pending!",?25,"Reject reason: ",SP(^("FBREJ"),"^",2),!,?4,"Old Batch #: ", \$S(SP(^("FBREJ"),"^",3):\$S(\$D(^FBAA(161.7,SP(^("FBREJ"),"^",3),0)):SP (^0,"^",1:""),1:"") Q:\$D(FBLISTC) G:\$D(FBAANQ) ASKIN </pre>	
Modified Logic (Changes are in bold)	
<pre> EN D GETINV^FBCHVH Q:FBAAOUT F J=5,16,17 S FBIN(J)=SP(FBIN,"^",J) S Y=FBIN(16) D PDF^FBAAUTL S FBIN(16)=Y S:SP(FBIN(5),"",2)="FB583(" FBIN(5)=" I FBIN(5)]"" S FBIN(5)=\$S(\$D(^FB7078(+FBIN(5),0)):SP(^0, "^",1),1:"") I FBIN(17)]"" S FBIN(17)=\$S(\$D(^FBAA(161.7,FBIN(17),0)):SP(^0,"^",1),1:"") I FBIN(5)]"" W !,?4,"Associated 7078: ",FBIN(5) W !,?4,"Batch #: ",FBIN(17),?40,"Date Finalized: ",FBIN(16),! I \$D(^FBAAI(FBI,"FBREJ")),SP(^("FBREJ"),"^",1)]"" W ?4,"Rejects Pending!",?25,"Reject reason: ",SP(^("FBREJ"),"^",2),!,?4,"Old Batch #: ", \$S(SP(^("FBREJ"),"^",3):\$S(\$D(^FBAA(161.7,SP(^("FBREJ"),"^",3),0)):SP (^0,"^",1:""),1:"") Q:\$D(FBLISTC) G:\$D(FBAANQ) ASKIN </pre> <p>Added line to display DOD invoice number and IPAC vendor agreement if IPAC payment is returned from call to FBCHVH.</p> <pre> I \$G(FBIA)'="" W !!?5,"IPAC Number: ",FBIA,?30,"DoD Invoice Number: ",FBDODINV END K VA D END^FBCHVH Q </pre>	

Routine Name	FBCHVH		
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability Matrix	2.6.10.2		
Related Options	FBCH INVOICE DISPLAY] [FBCH COMPLETE PAYMENT] [FBCH REINITITATE PRICER REJECTS] [FB VENDOR/VETERAN PAYMENTS] [FBCH EDIT PAYMENT]		
Related Routines	Routines "Called By"	Routines "Called"	

Routine Name	FBCHVH	
	EN^FBCHDI2	GETVEN^FBAAUTL1
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		
<p>This routine is currently called by FBCHDI2 to set variables for the civil hospital payment invoice.</p> <pre>GETVEN K FBAANQ D GETVEN^FBAAUTL1 G END:IFN]" D DATE^FBAAUTL G:FBPOP GETVEN S ZZ=9999999.9999,FBEG=ZZ-ENDDATE,FBEN D=ZZ-BEGDATE I '\$D(^FBAAI("AF",IFN)) W !,*7,"No invoices on line for this vendor." G GETVEN S VAR="IFN^FBEG^FBEND^BEGDATE^ENDDATE"_\$S(\$D(FBPROG):"^FBPROG",1:"") ,VAL=IFN_"^" _FBEG_"^" _FBEND_"^" _BEGDATE_"^" _ENDDATE_\$S(\$D(FBPROG):"^ "_FBPROG,1:""),PGM="START^FBCHVH" D ZIS^FBAAUTL G:FBPOP END S:IO=IO(0) FBAANQ=1 GETINV ; N FBADJLA,FBADJLR,FBCDAYS,FBCSID,FBFPPSC,FBFPPSL,FBRMML,FBY2,FBY3,FB ADMTDX,FBPOA,FBCNTRN,B S FBIN=^FBAAI(FBI,0) S FBY2=\$G(^FBAAI(FBI,2)) S FBY3=\$G(^FBAAI(FBI,3)) F J=1,2,3,4,6,7,8,9,10,11,13,14 S FBIN(J)=\$P(FBIN,"^",J) S FBVINDT=\$P(FBY2,"^",2) D FBCKI^FBAACCB1(FBI) S FBVEN=\$S(\$D(^FBAAV(+FBIN(3),0)):\$P(^0,"^",1,1:"") I FBVEN]" S FBVID=\$P(^0,"^",2) S DFN=FBIN(4) Q:'DFN D DEM^VADPT S Y=FBIN(2) D CDAT S FBIN(2)=Y S Y=FBIN(6) D CDAT S FBIN(6)=Y,Y=FBIN(7) D CDAT S FBIN(7)=Y S FBCDAYS=\$P(FBY2,U,10) ; covered days S FBCSID=\$P(FBY2,U,11) ; patient control number S FBFPPSC=\$P(FBY3,U) ; fpps claim id S FBFPPSL=\$P(FBY3,U,2) ; fpps line item S FBX=\$\$ADJLRA^FBCHFA(FBI_,"") S FBADJLR=\$P(FBX,U) S FBADJLA=\$P(FBX,U,2) S FBRMML=\$\$RRL^FBCHFR(FBI_,"")</pre>		

Routine Name	FBCHVH
<pre> WRT I \$Y+6=IOSL D HANG^FBAAUTL1:\$E(IOST,1,2)["C-" Q:FBAAOUT D HEDC W !,\$S(\$D(FBIN(13)):"" ,FBIN(13)="R":"*",1:""),\$S(\$G(FBCAN))"":"+",1:"") W VADM(1) " " _\$P(VADM(2),"^",2),?48,FBCSID W !,?4,FBVEN,?45,FBVID,?62,FBIN(1) W !,\$S(FBIN(13))["R":"*",1:""),\$S(FBIN(14))"":"#",1:"") W ?4,FBFPSC,?18,FBFPPSL,?35,FBIN(2),?46,\$\$DATX^FBAAUTL(FBVINDT),?57, FBIN(6),?68,FBIN(7) W !?4,\$J(FBIN(8),1,2),?17,\$J(FBIN(9),1,2),?29,FBCDAYS ; write adjustment reasons, if null then write suspend code W ?39,\$S(FBADJLR)"" :FBADJLR,1:FBIN(11)) ; write adjustment amounts, if null then write amount suspended W ?49,\$S(FBADJLA)"" :FBADJLA,1:\$J(FBIN(10),1,2)) W ?64,FBRRMKL ; write admitting diagnosis N P8 S FBADMTDX=\$P(FBY2,"^",14) S P8=\$\$ICD9^FBCSV1((FBADMTDX),\$P(\$G(FBIN),"^",6)) I P8="" W !,?2,"Admit Dx: ",P8 ; write contract number S FBCNTRN=\$S(\$P(FBY2,U,13):\$P(\$G(^FBAA(161.43,\$P(FBY2,U,13),0)),U),1:"") I FBCNTRN]"" W ?25,"Contract Number: ",FBCNTRN ; set diagnosis code and present on admission code N P1,P2 S P1=\$G(^FBAAI(FBI,"DX")) S P2=\$G(^FBAAI(FBI,"POA")) F K=1:1:25 D WRTDX ; set procedure code N P5 S P5=\$G(^FBAAI(FBI,"PROC")) F L=1:1:25 D WRTPC N A2 S A2=FBIN(9) D PMNT^FBAACCB2 Q WRTDX ; write diagnosis code and present on admission code N P3,P4 S FBDX=\$P(P1,"^",K) S FBPOA=\$P(P2,"^",K) Q:FBDX="" S P3=\$\$ICD9^FBCSV1((FBDX),\$P(\$G(FBIN),"^",6))_ "/" S P4=P3 _\$S(FBPOA:\$P(\$G(^FB(161.94,FBPOA,0)),("^"),1:""))_ " " I K=1!(\$X+\$L(P4)+2>IOM) W !,?4,"DX/POA: " W P4," " Q ; WRTPC ; write procedure code (if present) N P6 S FBPROC=\$P(P5,"^",L) Q:FBPROC="" S P6=\$\$ICD0^FBCSV1((FBPROC),\$P(\$G(FBIN),"^",6))_ " " I L=1!(\$X+\$L(P6)+2>IOM) W !,?4,"PROC: " W P6," " Q </pre>	
Modified Logic (Changes are in bold)	

Routine Name	FBCHVH
<pre> GETVEN K FBAANQ D GETVEN^FBAAUTL1 G END:IFN]" D DATE^FBAAUTL G:FBPOP GETVEN S ZZ=9999999.9999,FBEG=ZZ-ENDDATE,FBEN D=ZZ-BEGDATE I '\$D(^FBAAI("AF",IFN)) W !,*7,"No invoices on line for this vendor." G GETVEN S VAR="IFN^FBEG^FBEND^BEGDATE^ENDDATE"_\$S(\$D(FBPROG):"^FBPROG",1:"") ,VAL=IFN_"^"_FBEG_"^"_FBEND_"^"_BEGDATE_"^"_ENDDATE_\$S(\$D(FBPROG):"^ "_FBPROG,1:""),PGM="START^FBCHVH" D ZIS^FBAAUTL G:FBPOP END S:IO=IO(0) FBAANQ=1 START S: '\$D(FBPROG) FBPROG=6 S FBHEAD="VENDOR",Q=" ",\$P(Q,"=",80)="=",FBAAOUT=0 U IO D GETDAT S:\$E(IOST,1,2)'["C-" FBPG=1 D HEDC F FBM=FBEG-.1:0 S FBM=\$D(^FBAAI("AF",IFN,FBM)) Q:FBM'>0!(FBM>FBEND) F FBI=0:0 S FBI=\$D(^FBAAI("AF",IFN,FBM,FBI)) Q:FBI'>0!(FBAAOUT) I \$D(^FBAAI(FBI,0)),\$P(^0),"^",12)=FBPROG,'\$D(^("FBREJ")) D GETINV G:\$D(FBAANQ) GETVEN Added FBDODINV,FBIA to kill END K DA,BEGDATE,ENDDATE,FBEG,FBEND,DIC,FBAANQ,FBAAOUT,FBDODINV,FBDX,FBI,FBIA,FBIN ,FBPROC,FBVEN,FBVID,IFN,J,K,L,PGM,Q,VADM,VAE RR,VAL,VAR,X,Y,VA,ZZ,FBM,FBHEAD,FBPROG,FBPG,FBVINDT D CLOSE^FBAAUTL Q GETINV ; N FBADJLA,FBADJLR,FBCDAYS,FBCSID,FBFPPSC,FBFPPSL,FBRRMKL,FBY2,FBY3,FB ADMTDX,FBPOA,FBCNTRN,B S FBIN=^FBAAI(FBI,0) S FBY2=\$G(^FBAAI(FBI,2)) S FBY3=\$G(^FBAAI(FBI,3)) F J=1,2,3,4,6,7,8,9,10,11,13,14 S FBIN(J)=\$P(FBIN,"^",J) S FBVINDT=\$P(FBY2,"^",2) D FBCKI^FBAACCB1(FBI) S FBVEN=\$S(\$D(^FBAAV(+FBIN(3),0)):\$P(^0,"^",1,1:"") I FBVEN]" S FBVID=\$P(^0,"^",2) S DFN=FBIN(4) Q:DFN D DEM^VADPT S Y=FBIN(2) D CDAT S FBIN(2)=Y S Y=FBIN(6) D CDAT S FBIN(6)=Y,Y=FBIN(7) D CDAT S FBIN(7)=Y S FBCDAYS=\$P(FBY2,U,10) ; covered days S FBCSID=\$P(FBY2,U,11) ; patient control number S FBFPPSC=\$P(FBY3,U) ; fpps claim id S FBFPPSL=\$P(FBY3,U,2) ; fpps line item S FBX=\$\$ADJLRA^FBCHFA(FBI_,"") S FBADJLR=\$P(FBX,U) S FBADJLA=\$P(FBX,U,2) S FBRRMKL=\$\$RRL^FBCHFR(FBI_,"") WRT I \$Y+6>IOSL D HANG^FBAAUTL1:\$E(IOST,1,2)["C-" Q:FBAAOUT D HEDC W !,\$S(\$D(FBIN(13)):"","FBIN(13)="R":"*",1:""),\$S(\$G(FBCAN)):"":",1:"") W VADM(1)_ " " \$P(VADM(2),"^",2),?48,FBCSID W !,?4,FBVEN,?45,FBVID,?62,FBIN(1) W !,\$S(FBIN(13))["R":"*",1:""),\$S(FBIN(14))["":"#",1:"") W ?4,FBFPPSC,?18,FBFPPSL,?35,FBIN(2),?46,\$\$DATX^FBAAUTL(FBVINDT),?57, FBIN(6),?68,FBIN(7) </pre>	

Routine Name	FBCHVH
<pre> W !?4,\$J(FBIN(8),1,2),?17,\$J(FBIN(9),1,2),?29,FBCDAYS ; write adjustment reasons, if null then write suspend code W ?39,\$S(FBADJLR)"" :FBADJLR,1:FBIN(11)) ; write adjustment amounts, if null then write amount suspended W ?49,\$S(FBADJLA)"" :FBADJLA,1:\$J(FBIN(10),1,2)) W ?64,FBRRMKL Added next 4 lines to set and display the IPAC vendor agreement record and DOD invoice number IPAC ;IPAC AGREEMENT DATA FROM FB*3.5*123 S FBIA=\$P(\$G(^FBAAI(FBI,5)),U,10) I FBIA]"" S FBIA=\$P(^FBAA(161.95,FBIA,0),U,1),FBDODINV=\$P(\$G(^FBAAI(FBI,5)),U,7) I FBIA]"" W !?5,"IPAC Number: ",FBIA,?30,"DoD Invoice Number: ",FBDODINV ; write admitting diagnosis N P8 S FBADMTDX=\$P(FBY2,"^",14) S P8=\$\$ICD9^FBCSV1((FBADMTDX),\$P(\$G(FBIN),"^",6)) I P8="" W !,?2,"Admit Dx: ",P8 ; write contract number S FBCNTRN=\$S(\$P(FBY2,U,13):\$P(\$G(^FBAA(161.43,\$P(FBY2,U,13),0)),U,1:"")) I FBCNTRN]"" W ?25,"Contract Number: ",FBCNTRN ; set diagnosis code and present on admission code N P1,P2 S P1=\$G(^FBAAI(FBI,"DX")) S P2=\$G(^FBAAI(FBI,"POA")) F K=1:1:25 D WRTDX ; set procedure code N P5 S P5=\$G(^FBAAI(FBI,"PROC")) F L=1:1:25 D WRTPC N A2 S A2=FBIN(9) D PMNT^FBAACCB2 Q WRTDX ; write diagnosis code and present on admission code N P3,P4 S FBDX=\$P(P1,"^",K) S FBPOA=\$P(P2,"^",K) Q:FBDX="" S P3=\$\$ICD9^FBCSV1((FBDX),\$P(\$G(FBIN),"^",6))_ "/" S P4=P3_\$S(FBPOA:\$P(\$G(^FB(161.94,FBPOA,0)),^"),1:""))_ " " I K=1!(\$X+\$L(P4)+2>IOM) W !,?4,"DX/POA: " W P4," " Q ; WRTPC ; write procedure code (if present) N P6 S FBPROC=\$P(P5,"^",L) Q:FBPROC="" S P6=\$\$ICD0^FBCSV1((FBPROC),\$P(\$G(FBIN),"^",6))_ " " I L=1!(\$X+\$L(P6)+2>IOM) W !,?4,"PROC: " W P6," " Q </pre>	

6.2.2.2.10.3. VistA Fee shall display the IPAC Agreement ID and DoD Invoice number when this data is present in the option “Display Pharmacy Invoice” [FBAA PHARMACY INVOICE DISPLAY] for pharmacy invoices.

Design

This menu option calls into routine FBAAPII as shown in the Fileman inquiry of this option:

NAME: FBAA PHARMACY INVOICE DISPLAY MENU TEXT: Display Pharmacy Invoice
TYPE: run routine CREATOR: POSTMASTER
DESCRIPTION: Displays all invoice items for an invoice.
ROUTINE: FBAAPII

UPPERCASE MENU TEXT: DISPLAY PHARMACY INVOICE

There are no changes needed to this routine, FBAAPII, since the current software uses the Fileman call EN^DIQ in order to display the pharmacy invoice data from file 162.1 in a Fileman captioned display output format. So the IPAC agreement ID and the DoD Invoice number will automatically be displayed if that data exists in the file. This will be tested during development and testing phases of the project.

6.2.2.2.11. Pharmacy Modification for IPAC

6.2.2.2.11.1. VistA Fee shall modify the emergency medication process for IPAC payment related pharmacy invoices so that the user is NOT prompted with the “Is this an emergency medication?” question.

Design

Routine Name	FBAAPP	
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.11.1	
Related Options	N/A	
Related Routines	Routines “Called By”	Routines “Called”
	N/A	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name:	

Routine Name	FBAAPP
D ^DIR K DIR Q:\$D(DIRUT) I Y S FBNO2="Yes" K FBADJ,FBRRMK I 'Y S FBNO2="No" D NO1^FBAAPP0 Q:\$D(FBADJ) ;	
Modified Logic (Changes are in bold)	
GOT S STAT=2,DFN=\$P(FBY(0),"^",5) Q:\$D(^DPT(+DFN,0)) S FBPROG=\$P(\$G(^FBAA(162.1,FBJ,"RX",FBK,2)),"^",7),FBPROG=\$S(FBPROG:" I FBI="_FBPROG,1:"") S HY=Y,PI="" D ^FBAADEM D FBPH^FBAAUTL2 W ! F X=1:1:IOM-1 W "-" I \$Y+5>IOSL,\$E(IOST,1,2)="C-" S DIR(0)="E" D ^DIR K DIR Q:'Y W @IOF S Y=HY,VIFN=\$P(^FBAA(162.1,FBJ,0),"^",4) W !,"Vendor: ",\$P(\$G(^FBAAV(+VIFN,0)),"^"),! I \$P(FBY(0),"^",20)="R" W *7,!20,">> PATIENT REIMBURSEMENT <<";! S FDT=\$P(FBY(0),"^",3) W !,"Prescription #: ",\$P(FBY(0),"^")," Drug: ",\$P(FBY(0),"^",2),!,"Fill Date: ",\$E(FDT,4,5),"/",\$E(FDT,6,7),"/",\$E(FDT,2,3)," Strength: ",\$P(FBY(0),"^",12) W " Qty: ",\$P(FBY(0),"^",13) DIR1 S DIR("A")="Is Prescription for an Authorized Condition" S DIR("B")=\$S(FBNO1="" :FBNO1,1:"Yes") S DIR(0)="Y",DIR("?")="A 'No' answer will deny payment." D ^DIR K DIR Q:\$D(DIRUT) I Y S FBNO1="Yes" I 'Y S FBNO1="No" D D NO1^FBAAPP0 Q:\$D(FBADJ) G REVIEW . S (FBAAGP,FBDA,FBDRUG,FBNO2)="" ; S DIR("A")="Was a Generic Drug issued to patient" S DIR("B")=\$S(FBAAGP="" :FBAAGP,1:"Yes") S DIR(0)="Y" S DIR("?")="A 'No' answer alerts FEE to pay the generic equivalent, if one exists." D ^DIR K DIR Q:\$D(DIRUT) S FBAAGP=\$S(Y:"Yes",1:"No") ; S DIR("A")="Enter VA Generic Drug equivalent" I FBDRUG="" S DIR("B")=FBDRUG S DIR("?")="Match the drug entered by FEE to an entry in the VA Drug file." S DIR(0)="Pr^50:EM" D ^DIR K DIR Q:\$D(DIRUT)!('Y) S FBDA=+Y,FBDRUG=\$P(Y,"^",2) ; Added next 4 lines to not prompt user for the emergency medication question if IPAC. ; ; FB*3.5*123 - Edit pharmacy IPAC data for Federal Vendors ; Added line to skip the asking of emergency medication	

Routine Name	FBAAPP
; if the vendor requires an IPAC Agreement I '\$\$IPACREQD^FBAAMP(VIFN) S FBBO2="N/A (IPAC Payment)" G REVIEW S DIR("A")="Is this an emergency medication" S DIR("B")=\$S(FBNO2'=""':FBNO2,1:"Yes") S DIR("?")="A 'No' answer will DENY payment." S DIR(0)="Y" D ^DIR K DIR Q:\$D(DIRUT) I Y S FBNO2="Yes" K FBADJ,FBRRMK I Y S FBNO2="No" D NO1^FBAAPP0 Q:\$D(FBADJ)	

6.2.2.2.12. Include IPAC Data in the Payment Batch

Note: Payment batch messages are generated by the Queue Data for Transmission [FBAA QUEUE DATA FOR TRANS] option.

- 6.2.2.2.12.1. VistA Fee shall modify the existing payment batches to include the selected IPAC Vendor Agreement ID and the DoD Invoice Number in the B3 transaction for Medical (Outpatient) payments.**

Design

Routine Name	FBAAV0	
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.12.1	
Related Options	[FBAA QUEUE DATA FOR TRANS]	
Related Routines	Routines “Called By”	Routines “Called”
	N/A	FBAAV01 FBAAV2
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	

Routine Name	FBAAV0
Current Logic	
<p>This routine is used to create transactions for outpatient/ancillary (B3) payments to Central Fee via the [FBAA QUEUE DATA FOR TRANS] option.</p> <pre> GOT ; process a B3 line item ; N DFN,FBADJ,FBADJA1,FBADJA2,FBADJR1,FBADJR2,FBADMIT,FBAUTHF,FBIENS N FBMOD1,FBMOD2,FBMOD3,FBMOD4,FBPNAMX,FBUNITS,FBX,FBNPI N FBCSID,FBEDIF,FBCNTRN ; S FBIENS=N_"_M_"_L_"_K_" ; S FBEDIF=\$S(\$P(\$G(^FBAAC(K,1,L,1,M,1,N,3)), "^")]"": "Y", 1: " ") ;EDI flag ; get CPT modifiers D . N FBMODA,FBMODL . D MODDATA^FBAAUTL4(K,L,M,N) . S FBMODL=\$\$MODL^FBAAUTL4("FBMODA","E") . S FBMOD1=\$\$RJ^XLFSTR(\$P(FBMODL,"",1),5," ") . S FBMOD2=\$\$RJ^XLFSTR(\$P(FBMODL,"",2),5," ") . S FBMOD3=\$\$RJ^XLFSTR(\$P(FBMODL,"",3),5," ") . S FBMOD4=\$\$RJ^XLFSTR(\$P(FBMODL,"",4),5," ") ; S FBPAYT=\$P(Y(0),"^",20),FBPAYT=\$S(FBPAYT]"":FBPAYT,1:"V") ; S FBVID=\$P(\$G(^FBAAV(L,0)),U,2) S FBVID=FBVID_\$E(PAD,\$L(FBVID)+1,11) S:FBPAYT="R" FBVID=\$E(PAD,1,11) S FBNPI=\$\$EN^FBNPILK(L) ;SET THE NPI TO BE PASSED TO FBAAV01,FBAAV2, FBAAV5 ; 78 D POV^FBAAUTL2 S POV=\$\$POV]"": "",POV="A":6,POV="B":7,POV="C":8,POV="D":9,POV="E":10,1:POV) S POV=\$\$POV]"":99,\$D(^FBAA(161.82,POV,0)):\$P(^0,"^",3),1:99) S FBPOV=POV </pre>	
Modified Logic (Changes are in bold)	
<pre> GOT ; process a B3 line item ; N DFN,FBADJ,FBADJA1,FBADJA2,FBADJR1,FBADJR2,FBADMIT,FBAUTHF,FBIENS N FBMOD1,FBMOD2,FBMOD3,FBMOD4,FBPNAMX,FBUNITS,FBX,FBNPI N FBCSID,FBEDIF,FBCNTRN </pre>	

Routine Name	FBAAV0
Added line to new FBIA,FBDODINV N FBIA,FBDODINV ; S FBIENS=N_"_M_"_L_"_K_" ; S FBEDIF=\$S(\$P(\$G(^FBAAC(K,1,L,1,M,1,N,3)), "^")]"": "Y", 1: " ") ;EDI flag ; get CPT modifiers D . N FBMODA,FBMODL . D MODDATA^FBAAUTL4(K,L,M,N) . S FBMODL=\$\$MODL^FBAAUTL4("FBMODA","E") . S FBMOD1=\$\$RJ^XLFSTR(\$P(FBMODL,"",1),5," ") . S FBMOD2=\$\$RJ^XLFSTR(\$P(FBMODL,"",2),5," ") . S FBMOD3=\$\$RJ^XLFSTR(\$P(FBMODL,"",3),5," ") . S FBMOD4=\$\$RJ^XLFSTR(\$P(FBMODL,"",4),5," ") ; S FBPAYT=\$P(Y(0),"^",20),FBPAYT=\$S(FBPAYT]"":FBPAYT,1:"V") ; S FBVID=\$P(\$G(^FBAAV(L,0)),U,2) S FBVID=FBVID_\$E(PAD,\$L(FBVID)+1,11) Added next 7 lines to set variable for IPAC agreement and DOD invoice number ; ; FB*3.5*123 - get IPAC variables S FBIA=+\$P(FBY3,U,6) ; IPAC agreement ptr S FBIA=\$S(FBIA:\$P(\$G(^FBAA(161.95,FBIA,0)),U,1,1:"")) ; IPAC external agreement id# or "" S FBIA=\$\$LJ^XLFSTR(FBIA,"10T") ; format to 10 characters S FBDODINV=\$P(FBY3,U,7),FBDODINV=\$\$LJ^XLFSTR(FBDODINV,"22T") ; DoD invoice# formatted to 22 characters ; S:FBPAYT="R" FBVID=\$E(PAD,1,11) S FBNPI=\$\$EN^FBNPILK(L) ;SET THE NPI TO BE PASSED TO FBAAV01,FBAAV2, FBAAV5 ; D POV^FBAAUTL2 S POV=\$\$POV]"": "",POV="A":6,POV="B":7,POV="C":8,POV="D":9,POV="E":10,1:POV) S POV=\$\$POV]"":99,\$D(^FBAA(161.82,POV,0)):\$P(^0,"^",3),1:99) S FBPOV=POV	

Routine Name	FBAAV01
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Requirement Traceability Matrix	2.6.12.1

Routine Name	FBAAV01	
Related Options	[FBA QUEUE DATA FOR TRANS]	
Related Routines	Routines “Called By”	Routines “Called”
	FBAAV0	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		
<p>This routine is called by FBAAV0 to build the payment record for outpatient/ancillary (B3) payments sent to Central Fee via the [FBAA QUEUE DATA FOR TRANS] option.</p> <p>CHKV I \$\$CKVEN^FBAADV(FB2) W !!,*7,"VENDOR: ",\$\$VNAME^FBNHEXP(FB2)," Not approved in Austin yet.",!,"Batch # ",FBAABN," CANNOT BE TRANSMITTED!!!" S FBERR=1</p> <p>Q</p> <p>STRING ;called from FBAAV0 to build 'B3' payment record</p> <p>;</p> <p>S FBPICN=\$\$PADZ(FBPICN,30)</p> <p>;</p> <p>; build 1st line</p> <p>S FBSTR=3_FBAASN_FBSSN_FBPAYT_FBPNAMX_FBVID_ " " _FBAP_FBAAON_FBSUSP</p> <p>S FBSTR=FBSTR_FBPOV_FBPATT_FBTB_FBTB_FBDIN_FBINVN</p> <p>S FBSTR=FBSTR_\$(PAD,1,33)_FBST_FBCTY_FBZIP ; reserved for foreign addr</p> <p>S FBSTR=FBSTR_\$(FBPSA,1,3)_FBCPT_FBPOS_FBHCFA_FBVLOS_FBPD</p> <p>S FBSTR=FBSTR_+P(\$G(FBY),U,2)_\$(PAD,1,8)_FBPICN</p> <p>S FBSTR=FBSTR_\$(+FBY:\$AUSDT^FBAAV3(+FBY),1:FBDIN)_FBADMIT_FBDOB_ "~"</p> <p>D STORE</p> <p>;</p> <p>; build 2nd line</p> <p>S FBSTR=FBUNITS_FBAUTHF_FBMOD1_FBMOD2_FBMOD3_FBMOD4_FBADJR1_FBADJR2</p> <p>S FBSTR=FBSTR_FBADJA1_FBADJA2_FBNPI_FBCSID_FBEDIF_FBCNTRN</p> <p>S FBSTR=FBSTR_\$(PAD,1,32)_ "~\$" ; reserved for IPAC data</p> <p>D STORE</p>		
Modified Logic (Changes are in bold)		

2

S FBDODINV=\$\$LJ^XLFSTR(FBDODINV,"22T") : DoD invoice#

Routine Name	FBAAV01
Q	

6.2.2.2.12.2. VistA Fee shall modify the existing payment batches to include the selected IPAC Vendor Agreement ID and the DoD Invoice Number in the B5 transaction for Pharmacy payments.

Design

Routine Name	FBAAV2			
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change			
Requirement Traceability Matrix	2.6.12.2			
Related Options	[FBAA QUEUE DATA FOR TRANS]			
Related Routines	Routines "Called By"	Routines "Called"		
	FBAAV0			
Data Dictionary References	N/A			
Related Protocols	N/A			
Related Integration Control Registrations (ICRs)	N/A			
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local			
Input Attribute Name and Definition	Name: Definition:			
Output Attribute Name and Definition	Name: Definition:			
Current Logic				
<p>This routine is used to create transactions for pharmacy (B5) payments to Central Fee via the [FBAA QUEUE DATA FOR TRANS] option.</p> <p>GOTP ; process a B5 line item N DFN,FBADJ,FBADJA1,FBADJA2,FBADJR1,FBADJR2,FBIENS,FBPNAMX,FBVY0,FBX N FBNPL,FBEDIF ; S FBIENS=\$P(FBPICN,U,2)_"_"\$P(FBPICN,U,1)_"_" S FBPAYT=\$P(Y(0),"^",20),FBPAYT=\$S(FBPAYT)"" :FBPAYT,1:"V") S FBINVN=\$P(Y,"^"),FBINVN=\$E("000000000",\$L(FBINVN)+1,9)_FBINVN</p>				

Routine Name	FBAAV2
<pre> S FBEDIF=\$S(\$P(Y,"^",13)]"";"Y",1:" ") ; EDI flag S FBDIN=\$\$AUSDT^FBAAV3(\$P(Y,"^",2)) ; S FBVFN=\$P(Y,"^",4) S FBNPI=\$\$EN^FBNPILK(FBVFN) S FBVY0=\$G(^FBAAV(FBVFN,0)) ; vendor 0 node S FBVID=\$P(FBVY0,U,2),FBVID=\$E(FBVID,1,9)_\$E(PAD,\$L(FBVID)+1,9) S FBCSN=\$S(\$P(FBVY0,U,2)]"";\$P(FBVY0,U,10),1:"") S FBCSN=\$E("0000",\$L(FBCSN)+1,4)_FBCSN I FBPAYT="R" S FBVID=\$E(PAD,1,9),FBCSN=\$E(PAD,1,4) K FBVY0 ; ; build 1st line S FBSTR=5_FBAASN_FBSSN_FBPAYT_FBPNAMX_FBVID_FBCSN_FBAC_FBAP_FBAAON S FBSTR=FBSTR_FBSUSP_FBDT_FBRX_FBDIN_FBINVN S FBSTR=FBSTR_\$E(PAD,1,33)_FBST_FBCTY_FBZIP ; reserved for foreign addr S FBSTR=FBSTR_\$E(FBPSA,1,3)_\$P(FBY,U,2)_\$E(PAD,1,8) S FBSTR=FBSTR_\$\$PADZ^FBAAV01(FBPICN,30)_\$\$AUSDT^FBAAV3(+FBY)_ "~" D STORE^FBAAV01 ; ; build 2nd line S FBSTR=FBADJR1_FBADJR2_FBADJA1_FBADJA2_FBNPI_FBEDIF S FBSTR=FBSTR_\$E(PAD,1,32)_ "~\$" ; reserved for IPAC data D STORE^FBAAV01 Q </pre>	
Modified Logic (Changes are in bold)	
<p>This routine will be modified to include the IPAC vendor agreement and DOD invoice number.</p> <pre> GOTP ; process a B5 line item N DFN,FBADJ,FBADJA1,FBADJA2,FBADJR1,FBADJR2,FBIENS,FBPNAMX,FBVY0,FBX Added FBIA, FBDODINV to new statement N FBNPI,FBEDIF,FBIA,FBDODINV ; S FBIENS=\$P(FBPICN,U,2)_ "_"_\$P(FBPICN,U,1)_ "_" S FBPAYT=\$P(Y(0),"^",20),FBPAYT=\$S(FBPAYT)]"";FBPAYT,1:"V") S FBINVN=\$P(Y,"^"),FBINVN=\$E("0000000000",\$L(FBINVN)+1,9)_FBINVN S FBEDIF=\$S(\$P(Y,"^",13)]"";"Y",1:" ") ; EDI flag S FBDIN=\$\$AUSDT^FBAAV3(\$P(Y,"^",2)) </pre>	

Routine Name	FBAAV2
<pre> ; S FBVFN=\$P(Y,"^",4) S FBNPI=\$\$EN^FBNPILK(FBVFN) S FBVY0=\$G(^FBAAV(FBVFN,0)) ; vendor 0 node Added next 6 lines to set IPAC variables ; S FBIA=+\$P(Y,U,23) ; IPAC agreement ptr S FBIA=\$S(FBIA:\$P(\$G(^FBAA(161.95,FBIA,0)),U,1),1:"") ; IPAC external agreement ID# or "" S FBIA=\$\$LJ^XLFSTR(FBIA,"10T") ; format to 10 characters S FBDODINV=\$P(Y(6),U,1) ; DoD invoice# S FBDODINV=\$\$LJ^XLFSTR(FBDODINV,"22T") ; format to 22 characters ; S FBVID=\$P(FBVY0,U,2),FBVID=\$E(FBVID,1,9)_\$E(PAD,\$L(FBVID)+1,9) S FBCCSN=\$S(\$P(FBVY0,U,2)]"":\$P(FBVY0,U,10),1:"") S FBCCSN=\$E("0000",\$L(FBCCSN)+1,4)_FBCCSN I FBPAYT="R" S FBVID=\$E(PAD,1,9),FBCCSN=\$E(PAD,1,4) K FBVY0 ; ; build 1st line S FBSTR=5_FBAASN_FBSSN_FBPAYT_FBPNAMX_FBVID_FBCCSN_FBAC_FBAP_FBAAON S FBSTR=FBSTR_FBSUSP_FBDT_FBRX_FBDIN_FBINVN S FBSTR=FBSTR_\$E(PAD,1,33)_FBST_FBCTY_FBZIP ; reserved for foreign addr S FBSTR=FBSTR_\$E(FBPSA,1,3)_\$P(FBY,U,2)_\$E(PAD,1,8) S FBSTR=FBSTR_\$\$PADZ^FBAAV01(FBPICN,30)_\$\$AUSDT^FBAAV3(+FBY)_ "~" D STORE^FBAAV01 ; ; build 2nd line S FBSTR=FBADJR1_FBADJR2_FBADJA1_FBADJA2_FBNPI_FBEDIF Changed \$E(PAD,132) to FBIA_FBDODINV below S FBSTR=FBSTR_FBIA_FBDODINV_ "~\$" ; IPAC data from FB*3.5*123 D STORE^FBAAV01 Q </pre>	

6.2.2.2.12.3. VistA Fee shall modify the existing payment batches to include the selected IPAC Vendor Agreement ID and the DoD Invoice Number in the B9 transaction for Civil Hospital Inpatient payments.

Design

Routine Name	FBAAV5		
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability Matrix	2.6.12.3		
Related Options	[FBAA QUEUE DATA FOR TRANS]		
Related Routines	Routines "Called By"	Routines "Called"	
	N/A		
Data Dictionary References	N/A		
Related Protocols	N/A		
Related Integration Control Registrations (ICRs)	N/A		
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local		
Input Attribute Name and Definition	Name: Definition:		
Output Attribute Name and Definition	Name: Definition:		
Current Logic			
<p>This routine is used to create transactions for civil hospital (B9) payments to Central Fee via the [FBAA QUEUE DATA FOR TRANS] option.</p> <p>GOT ; process an inpatient invoice</p> <p>N DFN,FBADJ,FBADJA,FBADJR,FBADMIT,FBAUTHF,FBCDAYS,FBDISDT,FBDISTY,FBNPI</p> <p>N FBDRG,FBIENS,FBPA,FBPNAMX,FBVMID,FBX</p> <p>N FB4LN,FBADMTDX,FBCSVDT,FBCSID,FBEDIF,FBCNTRN</p> <p>S FBIENS=K_,"</p> <p>S FBCSVDT=\$\$FRDTINV^FBCSV1(K)</p> <p>I '\$L(\$G(FBAASN)) D STATION^FBAAUTL</p> <p>S FBPSA=\$\$PSA(+ \$P(Y(0),U,20),+\$G(FBAASN)) I \$L(+FBPSA)'=3 S FBPSA=999</p> <p>S FBPAYT=\$P(Y(0),"^",13),FBPAYT=\$S(FBPAYT)"" :FBPAYT,1:"V")</p> <p>S L=\$P(Y(0),"^",3)</p> <p>S FBVID=\$S(\$D(^FBAAV(L,0)):\$P(^ (0),"^",2),1:"")</p> <p>S FBNPI=\$\$EN^FBNPILK(L)</p> <p>S FBVID=FBVID_ \$E(PAD,\$L(FBVID)+1,11)</p> <p>S:FBPAYT="R" FBVID=\$E(PAD,1,11)</p> <p>S FBVMID=\$S(\$D(^FBAAV(L,0)):\$P(^ (0),"^",17),1:"")</p> <p>S FBVMID=\$E(PAD,\$L(FBVMID)+1,6)_FBVMID</p> <p>S POV=\$P(Y(0),"^",18)</p>			

Routine Name	FBAAV5
SPOV=\$S(POV]"":",POV="A":6,POV="B":7,POV="C":8,POV="D":9,POV="E":10,1:POV),POV=\$S(POV]"":40,\$D(^FBAA(161.82,POV,0)):SP(^0,"^",3),1:40),FBPOV=POV S FBPATT=\$P(Y(0,"^",19),FBPATT=\$S(FBPATT]"":FBPATT,1:10) S FBFTD=\$\$AUSDT^FBAAV3(\$P(Y(0,"^",6)) ; from treatment date S FBTTD=\$\$AUSDT^FBAAV3(\$P(Y(0,"^",7)) ; to treatment date S FBSUSP=\$P(Y(0,"^",11),FBSUSP=\$S(FBSUSP="": " ",\$D(^FBAA(161.27,FBSU SP,0)):SP(^0,"^",1),1:" ") S FBINVN=\$P(Y(0,"^",1) S FBINVN=\$E("000000000",\$L(FBINVN)+1,9)_FBINVN S FBDIN=\$\$AUSDT^FBAAV3(\$P(Y(0,"^",2)) ; invoice date rec'd S FBAP=\$\$AUSAMT^FBAAV3(\$P(Y(0,"^",9),9) S FBAC=\$\$AUSAMT^FBAAV3(\$P(Y(0,"^",8),9) S FBPA=\$\$AUSAMT^FBAAV3(\$P(Y(0,"^",26),9) ; build 1st line S FBSTR=9_FBAASN_FBSSN_FBPAYT_FBPNAMX_FBVID_ " " _FBAP_FBAAON_FBSUSP S FBSTR=FBSTR_FBPOV_FBPATT_FBFTD_FBTTD_FBDIN_FBINVN_FBVMI S FBSTR=FBSTR_\$E(PAD,1,33)_FBST_FBCTY_FBZIP ; reserved for foreign addr S FBSTR=FBSTR_FBPSA_\$P(FBY,U,2)_\$E(PAD,1,14) F I=1:1:5 S FBSTR=FBSTR_FBDX(I) S FBSTR=FBSTR_ "~" D STORE^FBAAV01 ; ; build 2nd line S FBSTR=\$\$PADZ^FBAAV01(FBPICN,23)_\$\$AUSDT^FBAAV3(+FBY) F I=1:1:5 S FBSTR=FBSTR_FBPRC(I) S FBSTR=FBSTR_FBAC_FBPA_FBDRG_ " " _FBADMIT_FBDISDT_FBDOB_FBDISTY_FBCDAYS_FBAUTHF_FBADJR_FBADJA_FBNPI_FB DX(0)_FBCSID_FBEDIF_FBCNTRN S FBSTR=FBSTR_\$E(PAD,1,32)_ "~" ; reserved for IPAC data D STORE^FBAAV01 ; ; build 3rd line S FBSTR="" F I=6:1:10 S FBSTR=FBSTR_FBDX(I) F I=6:1:10 S FBSTR=FBSTR_FBPRC(I) S FBSTR=FBSTR_ "~" S:'FB4LN FBSTR=FBSTR_ "\$" D STORE^FBAAV01 ; 	

Routine Name	FBAAV5
<pre> ; build 4th line (if needed) I FB4LN D . S FBSTR="" . F I=11:1:25 S FBSTR=FBSTR_FBDX(I) . F I=11:1:25 S FBSTR=FBSTR_FBPRC(I) . S FBSTR=FBSTR_ "~\$" . D STORE^FBAAV01 Q </pre>	
Modified Logic (Changes are in bold)	
<pre> GOT ; process an inpatient invoice N DFN,FBADJ,FBADJA,FBADJR,FBADMIT,FBAUTHF,FBCDAYS,FBDISDT,FBDISTY,FBNPI N FBDRG,FBIENS,FBPA,FBPNAMX,FBVMID,FBX N FB4LN,FBADMTDX,FBCSVDT,FBCSID,FBEDIF,FBCNTRN Added line to new IPAC variables N FBIA,FBDODINV S FBIENS=K_"," S FBCSVDT=\$\$FRDTINV^FBCSV1(K) I '\$L(\$G(FBAASN)) D STATION^FBAAUTL S FBPSA=\$\$PSA(+P(Y(0),U,20),+\$G(FBAASN)) I \$L(+FBPSA)'=3 S FBPSA=999 S FBPAYT=\$P(Y(0),"^",13),FBPAYT=\$S(FBPAYT]"":FBPAYT,1:"V") S L=\$P(Y(0),"^",3) S FBVID=\$S(\$D(^FBAAV(L,0)):P(^0,"^",2),1:"") Added next 7 lines to set IPAC Variables ; S FBIA=+P(Y(5),U,10) ; IPAC vendor agreement pointer (FB*3.5*123) S FBIA=\$S(FBIA:\$P(\$G(^FBAA(161.95,FBIA,0)),U,1),1:"") ; IPAC external agreement ID# or "" S FBIA=\$\$LJ^XLFSTR(FBIA,"10T") ; format to 10 characters S FBDODINV=\$P(Y(5),U,7) ; DoD invoice# S FBDODINV=\$\$LJ^XLFSTR(FBDODINV,"22T") ; format to 22 characters ; S FBNPI=\$\$EN^FBNPILK(L) S FBVID=FBVID_\$E(PAD,\$L(FBVID)+1,11) S:FBPAYT="R" FBVID=\$E(PAD,1,11) S FBVMID=\$S(\$D(^FBAAV(L,0)):P(^0,"^",17),1:"") S FBVMID=\$E(PAD,\$L(FBVMID)+1,6)_FBVMID S POV=\$P(Y(0),"^",18) S POV=\$S(POV]"":",POV="A":6,POV="B":7,POV="C":8,POV="D":9,POV="E":1 0,1:POV),POV=\$S(POV]"":",40,\$D(^FBAA(161.82,POV,0)):P(^0,"^",3),1:4 0),FBPOV=POV </pre>	

Routine Name	FBAAV5
<pre> S FBPATT=\$P(Y(0),"^",19),FBPATT=\$S(FBPATT]"":FBPATT,1:10) S FBFTD=\$\$AUSDT^FBAAV3(\$P(Y(0),"^",6)) ; from treatment date S FBTTD=\$\$AUSDT^FBAAV3(\$P(Y(0),"^",7)) ; to treatment date S FBSUSP=\$P(Y(0),"^",11),FBSUSP=\$S(FBSUSP="": " ",\$D(^FBAA(161.27,FBSU SP,0)):\$P(^0),"^",1),1:" ") S FBINVN=\$P(Y(0),"^",1) S FBINVN=\$E("000000000", \$L(FBINVN)+1,9)_FBINVN S FBDIN=\$\$AUSDT^FBAAV3(\$P(Y(0),"^",2)) ; invoice date rec'd S FBAP=\$\$AUSAMT^FBAAV3(\$P(Y(0),"^",9),9) S FBAC=\$\$AUSAMT^FBAAV3(\$P(Y(0),"^",8),9) S FBPA=\$\$AUSAMT^FBAAV3(\$P(Y(0),"^",26),9) ; build 1st line S FBSTR=9_FBAASN_FBSSN_FBPAYT_FBPNAMX_FBVID_ " "_FBAP_FBAAON_FBSUSP S FBSTR=FBSTR_FBPOV_FBPATT_FBFTD_FBTTD_FBDIN_FBINVN_FBVMD S FBSTR=FBSTR_\$E(PAD,1,33)_FBST_FBCTY_FBZIP ; reserved for foreign addr S FBSTR=FBSTR_FBPSA_\$P(FBY,U,2)_\$E(PAD,1,14) F I=1:1:5 S FBSTR=FBSTR_FBDX(I) S FBSTR=FBSTR_"~" D STORE^FBAAV01 ; ; build 2nd line S FBSTR=\$\$PADZ^FBAAV01(FBPICN,23)_\$\$AUSDT^FBAAV3(+FBY) F I=1:1:5 S FBSTR=FBSTR_FBPRC(I) S FBSTR=FBSTR_FBAC_FBPA_FBDRG_ " " _FBADMIT_FBDISDT_FBDOB_FBDISTY_FBCDAYS_FBAUTHF_FBADJR_FBADJA_FBNPI_FB DX(0)_FBCSID_FBEDIF_FBCNTRN Replaced \$E(PAD,132) with FBIA)FBDODINV below S FBSTR=FBSTR_FBIA_FBDODINV_"~" ; IPAC data from FB*3.5*123 D STORE^FBAAV01 ; ; build 3rd line S FBSTR="" F I=6:1:10 S FBSTR=FBSTR_FBDX(I) F I=6:1:10 S FBSTR=FBSTR_FBPRC(I) S FBSTR=FBSTR_"~" S:'FB4LN FBSTR=FBSTR_"\$" D STORE^FBAAV01 ; ; build 4th line (if needed) </pre>	

Routine Name	FBAAV5
I FB4LN D . S FBSTR="" . F I=11:1:25 S FBSTR=FBSTR_FBDX(I) . F I=11:1:25 S FBSTR=FBSTR_FBPRC(I) . S FBSTR=FBSTR_ "~\$" . D STORE^FBAAV01 Q	

6.2.2.2.13. IPAC Data on Payment Confirmation

VistA Fee receives payment confirmation from Central Fee after a claim has been processed.

6.2.2.2.13.1. VistA Fee shall require standard payment confirmation messages for payments made via IPAC.

Design

This is a requirement for Central Fee to produce standard payment confirmation/cancellation messages for payments made via the IPAC system. There are no VistA coding changes that are anticipated to satisfy this requirement.

6.2.2.2.13.2. The IPAC transaction document reference number shall be provided in the check number data element. (The IPAC transaction number shall always begin with '09'.) The date paid and disbursed amount shall also be provided by the payment confirmation message.

Design

This is a requirement for Central Fee and FASPAC to ensure the IPAC transaction confirmation number shall begin with "09" and will be able to fit into the 8 character check number data element on the payment confirmation/cancellation message sent from Central Fee to VistA Fee.

6.2.2.2.14. IPAC Vendor DoD Invoice Report

The IPAC Vendor DoD Invoice Report shall display the DoD invoices for a specified IPAC vendor and date range.

6.2.2.2.14.1. A new IPAC Vendor DoD Invoice Report shall be attached to (or to a sub-menu of) the following menus:

- Outputs Main Menu [FBAA OUTPUTS MENU]
- Output Menu [FBCH OUTPUT MENU]

- Telephone Inquiry Menu [FB PHONE MENU]

Design

Options	Activities
Option Name	FBAA OUTPUTS MENU
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.14.1
Associated Menu Options that will invoke this reference	FBAA MEDICAL MAIN MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Outputs Main Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	Menu for all output options.
New Menu Item to be Added to this Existing Parent Menu	
ITEM: FBAA IPAC VENDOR REPORT MENU	

Options	Activities
Option Name	FBCH OUTPUT MENU
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.14.1
Associated Menu Options that will invoke this reference	FBCH MAIN MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Output Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	Main menu for output reports such as payment history, 7078's,

Options	Activities
	10 day report, etc.
New Menu Item to be Added to this Existing Parent Menu	
ITEM: FBAA IPAC VENDOR REPORT MENU	

Options	Activities
Option Name	FB PHONE MENU
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.14.1
Associated Menu Options that will invoke this reference	FBAA MAIN MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Telephone Inquiry Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	This menu is designed to contain all options that are used to answer inquiries from vendors and/or veterans regarding payments or checks.
New Menu Item to be Added to this Existing Parent Menu	
ITEM: FBAA IPAC VENDOR REPORT MENU	

Options	Activities
Option Name	FBAA IPAC VENDOR REPORT MENU
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.14.1
Associated Menu Options that will invoke this reference	FBAA OUTPUTS MENU FBCH MAIN MENU FB PHONE MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference

Options	Activities
Menu Text Description	Telephone Inquiry Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	This menu is designed to contain all options that are used to answer inquiries from vendors and/or veterans regarding payments or checks.
Menu Items for new Parent Menu	
ITEM: FBAA IPAC DoD INVOICE RPT ITEM: FBAA IPAC DoD INVOICE INQUIRY ITEM: FBAA IPAC VENDOR PAYMENT RPT	

Options	Activities
Option Name	FBAA IPAC DoD INVOICE RPT
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Menu Options that will invoke this reference	FBAA IPAC VENDOR RPT MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	IPAC Invoice Payment Report (Summary)
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input checked="" type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	EN^FBAAIAR
Option Description	This option is used to compile and generate the IPAC DoD Invoice Payment Report.
Current Entry Action Logic	
N/A	
Modified Entry Action Logic (Changes are in bold)	
Calls routine EN^FBAAIAR	
Current Exit Action Logic	

Options	Activities
N/A	
Modified Exit Action Logic (Changes are in bold)	
N/A	

6.2.2.2.14.2. Vista Fee shall display the following prompts to the user in the IPAC Vendor DoD Invoice Report:

- Vendor
- Start Date
- End Date
- Type (Outpatient, Pharmacy, Civil Hospital, Civil Hospital Ancillary, All)
- Format (Standard or CSV)
- Device

Design

Routine Name	FBAAIAR		
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Requirement Traceability Matrix	2.6.14.2		
Related Options	FBAA IPAC DOD INVOICE RPT		
Related Routines	Routines “Called By”	Routines “Called”	
	N/A		
Data Dictionary (DD) References	N/A		
Related Protocols	N/A		
Related Integration Control References (ICRs)	N/A		
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local		
Input Attribute Name and Definition	Name: Definition:		
Output Attribute Name and Definition	Name: Definition:		
Current Logic			
N/A			
Modified Logic (Changes are in bold)			

Routine Name	FBAAIAR
<p>The report shows a summary by DOD Invoice Number of IPAC payments to a specified vendor that have been finalized (vouchered).</p> <p>Prompts</p> <ul style="list-style-type: none"> Ask vendor Ask start date Ask end date Ask type (outpatient, pharmacy, civil hospital, civil hospital ancillary,ALL) Ask format (standard or csv (comma separated variable) Ask device Check if queued and create task as appropriate <p>Queued entry point</p> <p>Use IO</p> <p>Find and Sort Data</p> <ul style="list-style-type: none"> If type = ALL or outpatient or civil hospital ancillary then search file 162 <ul style="list-style-type: none"> Use AK cross-reference on date finalized field Check vendor, type, IPAC, cancelled or voided? Save data in ^TMP(\$J, DOD Invoice Number)=string of data for the DOD invoice If type = ALL or pharmacy then search file 162.1 <ul style="list-style-type: none"> Use "AA" x-ref on date certified for payment Check vendor, IPAC, cancelled or voided? Save data in ^TMP(\$J, DOD Invoice Number)=string of data for the DOD invoice If type = ALL or civil hospital then search file 162.5 <ul style="list-style-type: none"> Use "AD" x-ref on date finalized Check vendor, IPAC, cancelled or voided? Save data in ^TMP(\$J, DOD Invoice Number)=string of data for the DOD invoice <p>Data saved in ^TMP9(\$J,DoD Invoice #)=</p> <ul style="list-style-type: none"> Total amount claimed^ - sum of amounts claimed Total amount paid ^ - sum of amount paid Total Adjustment^ - sum of adjustment amount Invoice # (+)^ first VistA invoice number found for the DOD Invoice Number is saved here, if others found then place "+" in the value Batch # (+)^ - first batch number found for the DOD Invoice Number is saved here, if others found then place "+" in the value Obligation (+)^ - first obligation found for the DOD Invoice Number is saved here, if others found then place "+" in the value Date Paid (+*)^ - first date paid found for the DOD Invoice Number is saved here, if other non-null values found then place "+" in the value, if any null values found then place "*" in the value Check Number (+*)^ - first check number found for the DOD Invoice Number is saved here, if other non-null values found then place "+" in the value, if any null values found then place "*" in the value Total Disbursed – sum of disbursed amounts 	

Routine Name	FBAAIAR
<p>Print Data</p> <p> Initialized print variables (page number, etc...)</p> <p> Page Header (varies with selected format)</p> <p> Loop thru DoD Invoice Numbers in the ^TMP global</p> <p> If format is standard and end of page then call end of page logic and new print page header</p> <p> Print detail line for the DoD Invoice Number (using appropriate format)</p> <p> Report footer (when format is standard)</p> <p>Close device</p> <p>WrapUp</p> <p> Kill ^TMP(\$J, etc...</p>	

6.2.2.2.14.3. VistA Fee shall select payments to be included in the IPAC Vendor DoD Invoice Report based on:

- Vendor = specified vendor
- Date Finalized (set by 'Finalize a Batch' option) is in the specified date range (Start Date through End Date)
- Payments made via IPAC (IPAC Vendor Agreement exists)
- Type = specified type

Design

See the design for section 6.2.2.2.14.2.

6.2.2.2.14.4. VistA Fee shall sort the payments to be included in the IPAC Vendor DoD Invoice Report on:

- DoD Invoice Number

Design

See the design for section 6.2.2.2.14.2.

6.2.2.2.14.5. VistA Fee shall display the following page header display (not included if CSV format) in the IPAC Vendor DoD Invoice Report:

- Vendor Name
- Vendor ID
- Date Range

- Page Number
- Type

Design

See the design for section 6.2.2.2.14.2.

6.2.2.2.14.6. VistA Fee shall display the following information in the IPAC Vendor DoD Invoice Report:

- Vendor ID (only when format is CSV)
- DoD Invoice Number
- Total Amount Claimed (sum of amount claimed from lines with this DoD Invoice Number)
- Total Amount Paid (sum of amount paid from lines with this DoD Invoice Number)
- Total Adjustment Amount (sum of adjustment amounts from lines with this DoD Invoice Number)
- Invoice Number (add + to value if additional values exists)
- Batch Number (add + to value if additional values exists)
- Obligation Number (add + to value if additional values exists)
- Date Paid (add + to value if additional values exists; add * to value if not all lines for the DoD invoice Number have a date)
- Check Number (would be the Treasury document reference number for an IPAC payment) (add + if additional values exists; add * if not all lines have a value)
- Total Disbursed Amount (sum of disbursed amounts from lines with the DoD Invoice Number)

Design

See the design for section 6.2.2.2.14.2.

6.2.2.2.15. IPAC Vendor Payment Report

The IPAC Vendor Payment Report displays a list of paid line items by DoD Invoice Number, Type, and Service Date.

6.2.2.2.15.1. VistA Fee shall create a new report called IPAC Vendor Payment Report.

Design

Options	Activities
Option Name	FBAA IPAC VENDOR PAYMENT RPT

Options	Activities
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Menu Options that will invoke this reference	FBAA IPAC VENDOR REPORT MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	IPAC Vendor Payment Report (Detail)
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input checked="" type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	EN^FBAAIARB
Option Description	This option produces a report of payments for IPAC by vendor and date range
Current Entry Action Logic	
N/A	
Modified Entry Action Logic (Changes are in bold)	
Calls routine EN^FBAAIARB	
Current Exit Action Logic	
N/A	
Modified Exit Action Logic (Changes are in bold)	
N/A	

6.2.2.2.15.2. The IPAC Vendor Payment Report shall be attached to (or to a sub-menu of) the following menus:

- Outputs Main Menu [FBAA OUTPUTS MENU]
- Output Menu [FBCH OUTPUT MENU]
- Telephone Inquiry Menu [FB PHONE MENU]

Design

Options	Activities
Option Name	FBAA OUTPUTS MENU
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change

Options	Activities
RTM	2.6.15.2
Associated Menu Options that will invoke this reference	FBAA MEDICAL MAIN MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Outputs Main Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	Menu for all output options.
New Menu Item to be Added to this Existing Parent Menu	
ITEM: FBAA IPAC VENDOR REPORT MENU	

Options	Activities
Option Name	FBCH OUTPUT MENU
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.15.2
Associated Menu Options that will invoke this reference	FBCH MAIN MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Output Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	Main menu for output reports such as payment history, 7078's, 10 day report, etc.
New Menu Item to be Added to this Existing Parent Menu	
ITEM: FBAA IPAC VENDOR REPORT MENU	

Options	Activities
Option Name	FB PHONE MENU
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.15.2
Associated Menu Options that will invoke this reference	FBAA MAIN MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Telephone Inquiry Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	This menu is designed to contain all options that are used to answer inquiries from vendors and/or veterans regarding payments or checks.
New Menu Item to be Added to this Existing Parent Menu	
ITEM: FBAA IPAC VENDOR REPORT MENU	

6.2.2.2.15.3. VistA Fee shall display the following prompts to the user in the IPAC Vendor Payment Report:

- Vendor
- Start Date
- End Date
- Type (Outpatient, Pharmacy, Civil Hospital, Civil Hospital Ancillary, All)
- Just Suspended Payments (not paid in full)
- Format (Standard or CSV)
- Device

Design

Routine Name	FBAAIARB
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Requirement Traceability Matrix	2.6.15.3
Related Options	FBAA IPAC VENDOR PAYMENT RPT

Routine Name	FBAAIARB	
Related Routines	Routines “Called By”	Routines “Called”
	N/A	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		
N/A		
Modified Logic (Changes are in bold)		
<p>The report shows IPAC payments that have been finalized (vouchered) for a specified vendor.</p> <p>Prompts</p> <p> Ask vendor</p> <p> Ask start date</p> <p> Ask end date</p> <p> Ask type (outpatient, pharmacy, civil hospital, civil hospital ancillary,ALL)</p> <p> Ask if just suspended payments (not paid in full) should be shown</p> <p> Ask format (standard or csv (comma separated variable)</p> <p> Ask device</p> <p> Check if queued and create task as appropriate</p> <p>Queued entry point</p> <p>Use IO</p> <p>Find and Sort Data</p> <p> If type = ALL or outpatient or civil hospital ancillary then search file 162</p> <p> Use AK cross-reference on date finalized field</p> <p> Check vendor, type, IPAC</p> <p> If appropriate (depending on user prompt) check adjustment amount</p> <p> Save data in ^TMP(SJ</p> <p> If type = ALL or pharmacy then search file 162.1</p> <p> Use “AA” x-ref on date certified for payment</p> <p> Check vendor, IPAC, cancelled or voided?</p>		

Routine Name	FBAAIARB
<p>Save data in ^TMP(\$J, If type = ALL or civil hospital then search file 162.5 Use "AD" x-ref on date finalized Check vendor, IPAC, cancelled or voided? Save data in ^TMP(\$J,</p> <p>Data saved in ^TMP(\$J, type, DOD Invoice Number, Service Date, ien string)=""</p> <p>The ien string is a set of internal entry numbers that uniquely identify a line item. This value depends on the type (file) when the data is stored.</p> <p>Print Data</p> <p>Initialized print variables (page number, etc...) Page Header (varies with selected format)</p> <p>Loop thru type in the ^TMP global Loop thru DoD Invoice Number Loop thru Service Date If format is standard and end of page then call end of page logic and new print page header Print detail line for the line item (depends on format and type)</p> <p>Report footer (when format is standard)</p> <p>Close device WrapUp Kill ^TMP(\$J, etc...</p>	

6.2.2.2.15.4. VistA Fee shall select payments to be included in the IPAC Vendor Payment Report based on:

- Vendor = specified vendor
- Date Finalized (set by 'Finalize a Batch' option) is in the specified date range (Start Date through End Date)
- Payments made via IPAC (IPAC Vendor Agreement exists)
- Type = specified type
- Adjustment Amount (>0 if user selected just suspended payments)

Design

See the design for section 6.2.2.2.15.3.

6.2.2.2.15.5. VistA Fee shall sort the payments to be included in the IPAC Vendor Payment Report based on:

- Type (Outpatient, Pharmacy, Civil Hospital, Civil Hospital Ancillary, All)
- DoD Invoice Number
- Service Date (Date of Service for Outpatient or Civil Hospital Ancillary, Fill Date for Prescription, Admit Date for Civil Hospital)
- Admit Date (if Type = Civil Hospital)

Design

See the design for section 6.2.2.2.15.3.

6.2.2.2.15.6. VistA Fee shall display the following page header display (not included if CSV format) in the IPAC Vendor Payment Report:

- Vendor Name
- Vendor ID
- Date Range
- Page Number
- Type

Design

See the design for section 6.2.2.2.15.3.

6.2.2.2.15.7. VistA Fee shall display the following information in the IPAC Vendor Payment Report:

- Vendor ID (only when format is CSV)
- Type
- DoD Invoice Number
- Patient Name
- Patient ID
- If 'Type' = Outpatient or Civil Hospital Ancillary, then the following information shall display:
 - Date of Service
 - CPT Code
 - CPT Modifiers

- Revenue Code
- If 'Type' = Civil Hospital, then the following information shall display:
 - Admission Date
 - Discharge Date
 - Diagnosis & Present on Admission Codes
 - Admitting Diagnosis
 - Procedure Codes
- If 'Type' = Pharmacy, then the following information shall display:
 - Prescription Number
 - Fill Date
 - Drug Name
- Amount Claimed
- Amount Paid
- Adjustment Amount
 - Up to two (2) Adjustment Amounts for Outpatient, Pharmacy, and Civil Hospital Ancillary
 - Up to one (1) Adjustment Amount for Civil Hospital
- Adjustment Reason
 - Up to two (2) Adjustment Reasons for Outpatient, Pharmacy, and Civil Hospital Ancillary
 - Up to one (1) for Civil Hospital
- Invoice Number
- Batch Number
- Obligation Number
- Date Paid
- Check Number (i.e., Treasury document reference number for an IPAC payment)
- Disbursement Amount

Design

See the design for section 6.2.2.2.15.3.

6.2.2.2.16. DoD Invoice Number Inquiry

The DoD Invoice Number Inquiry displays a list of all VistA invoices with a specified DoD Invoice number.

6.2.2.2.16.1. VistA Fee shall create a new option called DoD Invoice Number Inquiry.

Design

Options	Activities
Option Name	FBAA DOD INVOICE INQUIRY
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Menu Options that will invoke this reference	FBAA IPAC VENDOR REPORT MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	DoD Invoice Inquiry
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input checked="" type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	EN^FBAAIAR1
Option Description	This option produces a report showing all VistA invoices for the selected DoD invoice.
Current Entry Action Logic	
N/A	
Modified Entry Action Logic (Changes are in bold)	
Calls routine EN^FBAAIAR1	
Current Exit Action Logic	
N/A	
Modified Exit Action Logic (Changes are in bold)	
N/A	

6.2.2.2.16.2. The DoD Invoice Number Inquiry shall be attached to (or to a sub-menu of) the following menus:

- Outputs Main Menu [FBAA OUTPUTS MENU]
- Output Menu [FBCH OUTPUT MENU]
- Telephone Inquiry Menu [FB PHONE MENU]

Design

Options	Activities
---------	------------

Options	Activities
Option Name	FBAA OUTPUTS MENU
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.16.2
Associated Menu Options that will invoke this reference	FBAA MEDICAL MAIN MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Outputs Main Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	Menu for all output options.
New Menu Item to be Added to this Existing Parent Menu	
ITEM: FBAA IPAC VENDOR REPORT MENU	

Options	Activities
Option Name	FBCH OUTPUT MENU
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.16.2
Associated Menu Options that will invoke this reference	FBCH MAIN MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Output Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	Main menu for output reports such as payment history, 7078's, 10 day report, etc.
New Menu Item to be Added to this Existing Parent Menu	

Options	Activities
ITEM: FBAA IPAC VENDOR REPORT MENU	

Options	Activities
Option Name	FB PHONE MENU
Enhancement Category	<input type="checkbox"/> New <input checked="" type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	2.6.16.2
Associated Menu Options that will invoke this reference	FBAA MAIN MENU
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	Telephone Inquiry Menu
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input checked="" type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	n/a
Option Description	This menu is designed to contain all options that are used to answer inquiries from vendors and/or veterans regarding payments or checks.
New Menu Item to be Added to this Existing Parent Menu	
ITEM: FBAA IPAC VENDOR REPORT MENU	

6.2.2.2.16.3. VistA Fee shall display the following prompts to the user for DoD Invoice Number Inquiry:

- DoD Invoice Number
- Device

Design

Routine Name	FBAARI	
Enhancement Category	<input checked="" type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Requirement Traceability Matrix	2.6.16.3	
Related Options	FBAA DoD INVOICE INQUIRY	
Related Routines	Routines "Called By"	Routines "Called"

Routine Name	FBAAR1	
	N/A	
Data Dictionary (DD) References	N/A	
Related Protocols	N/A	
Related Integration Control References (ICRs)	N/A	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	
Input Attribute Name and Definition	Name: Definition:	
Output Attribute Name and Definition	Name: Definition:	
Current Logic		
N/A		
Modified Logic (Changes are in bold)		
<p>This report prints a list of invoices that have a specified DOD Invoice Number. See existing routine FBFPCI for a similar report that is based on the FPPS CLAIM ID.</p> <p>Prompt User</p> <p style="padding-left: 40px;">DoD Invoice Number</p> <p style="padding-left: 40px;">Device</p> <p>Queued Entry Point</p> <p>Gather Data</p> <p style="padding-left: 40px;">Check inpatient invoices (file 162.5) using x-ref on DOD INVOICE NUMBER field</p> <p style="padding-left: 40px;">Save result in ^TMP(\$J,162.5,invoice number)=fee program</p> <p style="padding-left: 40px;">Check outpatient/ancillary invoices (file 162) using x-ref on DOD INVOICE NUMBER field</p> <p style="padding-left: 40px;">Save result in ^TMP(\$J,162.03,invoice number, patient ien, vendor ien, date ien, service provided ien)=""</p> <p style="padding-left: 40px;">Check pharmacy invoices (file 162.1) using x-ref on DOD INVOICE NUMBER field</p> <p style="padding-left: 40px;">Save result in ^TMP(\$J,162.1,invoice number)=""</p> <p>Print results</p> <p style="padding-left: 40px;">Print header</p> <p style="padding-left: 40px;">Loop thru ^TMP(\$J,files</p> <p style="padding-left: 80px;">Loop thru ^TMP(\$J,files,invoice numbers)</p> <p style="padding-left: 80px;">Check for end of page</p> <p style="padding-left: 80px;">Print line label (based on file/fee program) and invoice number</p>		

Routine Name	FBAAR1
Wrap-up	

6.2.2.2.16.4. VistA Fee shall display all VistA invoices associated with the selected DoD Invoice Number for the DoD Invoice Number Inquiry option.

Design

See the design for section 6.2.2.2.16.3.

6.2.2.3. Design Element Tables

The blank design element tables are provided here for convenience in copying them to the appropriate design section of this SDD. Rows and headings may be added to these blank design element tables to provide any additional required information to define the item or to specify the modifications to the item. The design element tables may be numbered to align with the design section in which they exist at the discretion of the SDD author and project management team.

All of the design element tables in this section (6.2.2.3) are blank, generic design element tables from the ProPath SDD template. Most do not apply to this specific project.

6.2.2.3.1. Routines (Entry Points)

Table 3: Routines

Routines	Activities	
Routine Name		
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
RTM		
Related Options		
Related Routines	Routines "Called By"	Routines "Called"
Data Dictionary (DD) References		
Related Protocols		
Related Integration Control Registrations (ICRs)		
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output Reference <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local	

Routines	Activities
Routine Name	
Input Attribute Name and Definition	Name: Definition:
Output Attribute Name and Definition	Name: Definition:
Current Logic	
Modified Logic (Changes are in bold)	

6.2.2.3.2. Templates

Table 4: Templates

Templates	Description
Template Name	
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RSD	
Template Type	<input type="checkbox"/> Sort <input type="checkbox"/> Input <input type="checkbox"/> Print <input type="checkbox"/> Other
Related Options	
Related Routines	Routines "Called By" Routines "Called"
Routines	Description
Data Dictionary (DD) References	
Global References	

6.2.2.3.3. Bulletins

Table 5: Bulletins

Bulletins	Description
Bulletin Name	
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
RTM	
Related Routines	Routines "Called By" Routines "Called"

Bulletins	Description	
Bulletin Name		
Routines	Description	
Mail Subject		
Mail Group		
Parameters		
Data Dictionary (DD) References		

6.2.2.3.4. Data Entries Affected by the Design

Table 6: Data Entries Affected by the Design

Field Name	Current Value	New Value

6.2.2.3.5. Unique Record(s)

Table 7: Unique Record ID

Field Name(s)	Current Value	New Value

6.2.2.3.6. File or Global Size Changes

Table 8: File or Global Size Changes

File/Global Name(s)	Estimated Increase	Estimated Decrease

6.2.2.3.7. Mail Groups

Table 9: Mail Groups

Mail Groups	Activities	
Mail Group Name		
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Related Options		
Related Routines	Routines "Called By"	Routines "Called"

Mail Groups	Instructions
Data Dictionary (DD) References	
Related Protocols	
Mail Group Description	
Self-Enrollment Allowed	<input type="checkbox"/> Yes <input type="checkbox"/> No
Type	<input type="checkbox"/> Public <input type="checkbox"/> Private

6.2.2.3.8. Security Keys

Table 10: Security Keys

Security Keys	Activities	
Security Key Name		
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Related Options		
Related Routines	Routines "Called By"	Routines "Called"
Security Keys	Activities	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference	
Security Key Description		
Subordinate Keys		
Mutually Exclusive Keys		
Granting Condition Logic		
Current Logic		
Modified Logic (Changes are in bold)		
Security Keys	Activities	
Hierarchical Precedence		

6.2.2.3.9. Options

Table 11: Options

Options	Activities
Option Name	
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Menu Options that will invoke this reference	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference
Menu Text Description	
Option Type	<input type="checkbox"/> Edit <input type="checkbox"/> Print <input type="checkbox"/> Menu <input type="checkbox"/> Inquire <input type="checkbox"/> Action <input type="checkbox"/> Run Routine <input type="checkbox"/> Other
Associated Routine	
Option Definition	
Current Entry Action Logic	
Modified Entry Action Logic (Changes are in bold)	
Current Exit Action Logic	
Modified Exit Action Logic (Changes are in bold)	

6.2.2.3.10. Protocols

Table 12: Protocols

Protocols	Activities
Protocol Name	
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Associated Protocols	
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference

Protocols	Activities
Item Text Description	N/A
Protocol Type	<input type="checkbox"/> Action <input type="checkbox"/> Menu <input type="checkbox"/> Protocol <input type="checkbox"/> Protocol Menu <input type="checkbox"/> Limited Protocol <input type="checkbox"/> Extended Action <input type="checkbox"/> Dialog <input type="checkbox"/> Other
Associated Routine	
Current Entry Action Logic	
Modified Entry Action Logic (Changes are in bold)	
Current Exit Action Logic	
Modified Exit Action Logic (Changes are in bold)	

6.2.2.3.11. Remote Procedure Call (RPC)

Table 13: RPCs

RPCs	Activities
Name	
TAG^RTN	
Input Parameters	
Results Array	<input type="checkbox"/> Single Value <input type="checkbox"/> Array <input type="checkbox"/> Word Processing <input type="checkbox"/> Global Array <input type="checkbox"/> Global Instance
Description	

6.2.2.3.12. Constants Defined in Interface

Table 14: Constants Defined in Interface

Name	Description

6.2.2.3.13. Variables Defined in Interface

Table 15: Variables Defined in Interface

Name	Type	Description
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Name	Type	Description

6.2.2.3.14. Types Defined in Interface

Table 16: Types Defined in Interface

Name	Type	Description

6.2.2.3.15. GUI

Table 17: GUI

Unit Name	Description

6.2.2.3.16. GUI Classes

Table 18: GUI Classes

GUI Classes	Instructions
Class Name	
Derived From Class	
Purpose	

6.2.2.3.17. Current Form

6.2.2.3.18. Modified Form

6.2.2.3.19. Components on Form

Table 19: Components on Form

Name	Type	Description

6.2.2.3.20. Events

Table 20: Events

Name	Type	Description

6.2.2.3.21. Methods

Table 21: Methods

Method Name	Procedure/Function	Description

6.2.2.3.22. Special References

Special Reference Name	Type	Description

6.2.2.3.23. Class Events

Table 22: Class Events

Name	Type	Description

6.2.2.3.24. Class Methods

Table 23: Class Methods

Name	Procedure/Function	Description

6.2.2.3.25. Class Properties

Table 24: Class Properties

Class Properties Name	Type	Visibility	Description

6.2.2.3.26. Uses Clause

6.2.2.3.27. Forms

Table 25: Forms

Forms	Description
Form Name	
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Form Functionality	
Current Form Layout	
Modified Form Layout (Changes are in bold)	

6.2.2.3.28. Functions

Table 26: Functions

Function Name	Activities		
Short Description			
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change		
Related Options			
Related Routines	Routines “Called By”	Routines “Called”	
Function Name	Activities		
Data Dictionary (DD) References			
Related Protocols			
Related Integration Control Registrations (ICRs)			
Data Passing	<input type="checkbox"/> Input <input type="checkbox"/> Output <input type="checkbox"/> Both <input type="checkbox"/> Global Reference <input type="checkbox"/> Local Reference		
Input Attribute Name and Definition	Name: Definition:		
Output Attribute Name and Definition	Name: Definition:		
Current Logic			
Modified Logic (Changes are in bold)			

6.2.2.3.29. Dialog

Table 27: Dialog

Dialog	Instructions
Dialog Message (Description)	

Dialog	Instructions
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Dialog Message (Description) Condition	
Current Dialog Message (Description)	
Modified Dialog Message (Description) (Changes are in bold)	

6.2.2.3.30. Help Frame

Table 28: Help Frame

Help Frame	Description
Help Frame Text	
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Help Frame Text Calling Mechanism	
Current Help Frame Text	
Modified Help Frame Text (Changes are in bold)	

6.2.2.3.31. HL7 Application Parameter

Table 29: HL7 Application Parameter

HL7 Application Parameter Name	Description
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change
Enhancement Category	Current Modified
Application Status	<input type="checkbox"/> Active <input type="checkbox"/> Inactive <input type="checkbox"/> Active <input type="checkbox"/> Inactive
Facility Name	
Country Code	
HL7 Field Separator	
HL7 Encoding Characters	
Mail Group	

6.2.2.3.32. HL7 Logical Link

Table 30: HL7 Logical Link

HL7 Logical Link	Description	
HL7 Logical Link Parameter Name		
Enhancement Category	<input type="checkbox"/> New <input type="checkbox"/> Modify <input type="checkbox"/> Delete <input type="checkbox"/> No Change	
Enhancement Category	Current	Modified
Node		
Institution		
Domain		
Autostart		
Queue Size		
LLP Type		

6.2.2.3.33. COTS Interface**Table 31: COTS Interface**

COTS Interface	Description
Communication Method	
Application Interface	

6.3. Communications Detailed Design

There are no additional communication requirements or communication components for this project. No additional hardware needs to be procured.

7. External Interface Design

The external trading partner with VistA Fee Basis is the Central Fee system in Austin, TX. Payment batches for outpatient, inpatient, and pharmacy payments are transmitted from VistA Fee Basis to Central Fee. Master Record Adjustments (MRAs) for vendor, Veteran, and IPAC Agreement data are also sent from VistA Fee Basis to Central Fee. Central Fee sends back to VistA other transactions such as Payment Batch Results, Voucher Batch ACK messages, Post Voucher Reject messages, and normal Payment Confirmation or Payment Cancellation messages. This part of the SDD will focus on changes made to the payment batches and MRA batches sent from VistA Fee Basis to Central Fee. There are not anticipated to be any software changes needed to process Central Fee messages for Post Voucher Rejections, or Payment Confirmations/Cancellations.

7.1. Interface Architecture

Both VistA Fee Basis and Central Fee use VistA MailMan messages to transmit data back and forth. MailMan messages are sent using existing MailMan queues and existing VistA domains and using existing VistA MailMan server options to process incoming messages.

7.2. Interface Detailed Design

Attached here are 4 Excel documents that describe in detail the interface design and changes to existing payment batch file format layouts.

There are modifications being made to 3 of the payment batch types:

B3 – Outpatient payment batch record layouts

B5 – Pharmacy payment batch record layouts

B9 – Inpatient payment batch record layouts

These file format layouts are attached here.



Fee Basis Batch B3
Format 20131001 FB.



Fee Basis Batch B5
Format 20131001 FB.



Fee Basis Batch B9
Format 20131001 FB.

A new “C8” MRA batch format type is being created with this project in order to transmit additions and changes to the IPAC Agreements. Attached here is the file format layout for the C8 batch type.



Fee Basis Batch C8
format 20140513FB.xl:

8. Human-Machine Interface

There are no special human-machine interface considerations for this project. This is a VistA Fee Basis enhancement project and no new human-machine interactions exist.

8.1. Interface Design Rules

N/A

8.2. Inputs

N/A

8.3. Outputs

N/A

8.4. Navigation Hierarchy

N/A

9. System Integrity Controls

The only system integrity control is the creation of a new security key which will restrict the creation and modification of the IPAC vendor agreement data. No other system integrity controls have been defined as requirements for this project.

10. Approval Signatures

The signature below is an acknowledgement that the signatory understands the purpose and content of this document.

Signed: _____

Integrated Project Team Chair

Date

Signed: _____

Business Sponsor

Date

Signed: _____

IT Program Manager

Date

Signed: _____

Project Manager

Date

Signed: _____

Enterprise Architecture

Date

Signed: _____

Service Delivery and Engineering

Date

A. Additional Information

A.1. RTM

The RTM will be provided as a separate document that links the project requirements in the RSD with the design sections in the SDD, and with test scripts and other testing information.

A.2. Packaging and Installation

N/A

A.3. Design Metrics

N/A

A.4. Acronym List and Glossary

Table 32: Glossary

Term	Meaning
BN	Business Need
BRD	Business Requirements Document
CBO	Chief Business Office
Central Fee	Centralized data repository of VistA Fee data, located in Austin, TX
CFD	Corporate Franchise Datacenter
COTS	Commercial off-the-shelf
CSV	Comma Separated Values (data output format used in some reports)
DoD	Department of Defense
DSS	Decision Support System
EC	Event Capture
ESM	Enterprise Systems Management
FASPAC	Federal Accounting Service Payment and Collections Web-based application used for processing documents to IPAC
FIPS	Federal Information Processing Standard
FMS	Financial Management System
FPA	Federal Program Agencies
FSC	Financial Services Center
HAC	Health Administration Center
IPAC	Intra-governmental Payment and Collection System Provides standardized intra-governmental transfer of funds from one FPA to another

Term	Meaning
IT	Information Technology
MTF	Military Treatment Facility
NDAA	National Defense Authorization Act
NIST	National Institute of Standards and Technology
NSR	New Service Request
OIG	Office of Inspector General
OIT	Office of Information and Technology
OMB	Office of Management and Budget
OWNR	Owner Requirement
RAEM	Requirements Analysis and Engineering Management
RMR	Requirements Management Repository
RSD	Requirements Specification Document The RSD lists the project requirements while this document the SDD contains the system design for them
SDD	System Design Document (this document)
SME	Subject Matter Expert
TAMC	Tripler Army Medical Center
VA	Department of Veterans Affairs
VACO	Veterans Administration Central Office
VAPIHCS	VA Pacific Islands Health Care System
VERA	Veterans Equitable Resource Allocation
VHA	Veterans Health Administration
VistA	Veterans Health Information Systems and Technology Architecture