**MCCF EDI TAS EINSURANCE US3510**

System Design Document

IB\*2.0\*602



Department of Veterans Affairs

**December 2017**

Version 1.0

**User Story Number:** US3510

**User Story Name:** Electronic Insurance Coverage Discovery: Site Parameters

**Subsection:** Site Parameters, Special Payer, Post Install and Testing

|  |  |
| --- | --- |
| **Epic Taxonomy** | eBiz Compliance  Port  Update  Increase No Touch  TAS Apps |

# Story:

|  |  |  |
| --- | --- | --- |
| **As a...** | **I want to...** | **So that...** |
| Consumer of Electronic Insurance Coverage Discovery (EICD) functionality | The EICD function to consult site parameters for the settings of variables by which the assigned Special Payer, patient selection criteria, and appointment date boundaries—as well as the frequencies and durations of specific functional components—are defined | The variables on which the function relies for its operating rules will be readily modifiable and uniformly communicated to all VistA instances. |

**Site Parameters:**

Database field(s) Affected by the Design:

| Field Name | New Value |
| --- | --- |
| 350.9,51.31  EICD PAYER | This field holds a pointer to the EICD payer entry (#365.12). It is the National payer utilized when requesting an Electronic Insurance Coverage Discovery query for a Veteran. |

| Field Name | New Value |
| --- | --- |
| 350.9,51.32  EICD INQUIRY FREQUENCY | This field holds the frequency in days with which a new EICD inquiry should be performed for any individual qualified Veteran. Initially set to every 365 days. |

| Field Name | New Value |
| --- | --- |
| 350.9,51.33  EICD APPT START | This field represents the starting date (in days from current system date) for the appointments to be considered when creating the EICD extract. Initially set to 21. |

| Field Name | New Value |
| --- | --- |
| 350.9,51.34  EICD APPT SPAN | This field represents the number of days’ appointments, after the starting date, to consider when creating the EICD extract. Initially set to 9. |

**To clarify use of the EICD APPT START and EICD APPT SPAN fields, when the extract runs on Jan 1st, appointments from Jan 22-30 (inclusive) will be considered.  The Jan 2nd extract will consider appointments from Jan 23-31 (inclusive). The Jan 2nd extract is picking up new appointments created and one more day.  The EICD APPT START and EICD APPT SPAN settings control this span.**

**\*\* NOTE: There was talk about an ICR agreement to create a field in the patient file which detailed the Date/Time the EICD extract was completed for a specific patient; TBD.**

**Routine:** **IBJPI --** “eIV SITE PARAMETERS SCREEN”

* In subroutine BLDBE “Build the Batch Extract Parameters Section”, add details for the Electronic Insurance Coverage Discovery extract:

Batch Extracts

Extract Selection Maximum # to

Name On/Off Criteria Extract/Day

Buffer ON n/a 99999

Appt ON 10 99999

**EICD ON n/a 99999**

**EICD PAYER: Electronic Insurance Coverage Discovery - Do Not Link**

**EICD INQUIRY FREQUENCY: 365**

**EICD APPT START: 21 EICD APPT SPAN: 10**

* In subroutine HELP, adjust the help text:

HELP ; help  
 D FULL^VALM1  
 W @IOF  
 W !,"This screen displays all of the eIV Site Parameters used to manage the"  
 W !,"eIV application used for electronic Insurance Verification."  
 W !!,"The General Parameters section concerns overall parameters for"  
 W !,"monitoring the interface and controlling eIV communication between"  
 W !,"VistA and the EC located in Austin."  
 W !!,"The Batch Extracts section concerns extract-specific parameters"  
 W !,"including active/inactive status and selection criteria. **Parameters**”

**W !,”associated with a specific extract may also be detailed here.”**   
 W !!,"The Service Type Codes section concerns specifying up to nine"  
 W !,"Site Selected Service Type Codes which will be sent with"  
 W !,"insurance inquiries."  
 D PAUSE^VALM1  
 W @IOF  
 S VALMBCK="R"  
 Q  
 ;

**Payer Linking:**

Option: [IBCNE PAYER LINK] “Link Insurance Companies to Payers”

**Routine: IBCNEPM**  -- “PAYER MAINTENANCE PAYER LIST SCREEN”

* Within the **INIT^IBCNEPM** tag …. Around line 36, add quit … if payer = the EICD PAYER identified in the site parameters. You want to quit before looking at “payer's professional ID”.

 ; Next loop through all payers. Count up the number of insurance   
 ; companies that have matching EDI ID numbers but no payer links.   
 ; These are possible payer-insurance company links that have not yet   
 ; been made.  
 ;  
 S IEN=0  
 F  S IEN=$O(^IBE(365.12,IEN)) Q:'IEN  D  
 . I IEN=$$GET1^DIQ(350.9,"1,","MBI PAYER","I") Q  ;IB\*2\*601/DM

**. I IEN=$$GET1^DIQ(350.9,"1,","EICD PAYER","I") Q**

Option: [IBCN INSURANCE CO EDIT] “Insurance Company Entry/Edit”

Input template: [IBEDIT INS CO1**],** called by **^ IBCNSC1**

* **Add code after “PAYER” if payer= the EICD PAYER in site parameters give error msg, delete value from the payer field in file #36 as they just linked it, then set Y=”@60” to make it go back to the @60 tag**

@60

S:",7,6,"'[IBY Y="@50"

PAYER

I X="" S Y="@50"

I +$$GET1^DIQ(350.9,"1,",51.30,"I")'=X S Y="@**605**"

PAYER////@

W !,"LINKING TO THE MBI PAYER IS NOT ALLOWED"

S Y="@60"

**@605**

**I +$$GET1^DIQ(350.9,"1,",51.31,"I")'=X S Y="@50"**

**PAYER////@**

**W !,"LINKING TO THE ELECTRONIC INSURANCE COVERAGE DISCOVERY PAYER IS NOT ALLOWED"**

**S Y="@60"**

@50

**Request HL7:**

Routine: **IBCNEHLM --** “HL7 Registration MFN Message”

* Increase version number to allow FSC to serve a site properly

**S IVER="9"**

**Post Install:**

**Routine: IBY602PO** -- Post Install

* Send registration message to FSC to set HL7 version to the proper number
* Loop though all insurance companies and make sure none are linked to the EICD payer

**POST ; POST ROUTINE(S)**

**N IBXPD,XPDIDTOT**

**S XPDIDTOT=2**

**;**

**; Send site registration message to FSC**

**D REGMSG(1)**

**;**

**; Check/remove any link from an insurance to the National EICD Payer**

**D CHKLNK(2)**

**;**

**; Displays the 'Done' message and finishes the progress bar**

**D MES^XPDUTL("")**

**D MES^XPDUTL("POST-Install Completed.")**

**Q**

**;**

**REGMSG(IBXPD) ; send site registration message to FSC**

**D BMES^XPDUTL(" STEP "\_IBXPD\_" of "\_XPDIDTOT)**

**D MES^XPDUTL("-------------")**

**D MES^XPDUTL("Sending site registration message to FSC ... ")**

**I '$$PROD^XUPROD(1) D MES^XPDUTL(" N/A - Not a production account - No site registration message sent") G REGMSGQ**

**D MES^XPDUTL("Sending site registration message to FSC ... ")**

**D ^IBCNEHLM**

**;**

**REGMSGQ ;**

**Q**

**;**

**CHKLNK(IBXPD) ; Due to a timing issue with the National EICD Payer**

**;It's possible that a client linked an insurance to the EICD payer**

**;This is not allowed. Any such link will be removed**

**N IBEICDPY,IBIEN**

**D BMES^XPDUTL(" STEP "\_IBXPD\_" of "\_XPDIDTOT)**

**D MES^XPDUTL("-------------")**

**D MES^XPDUTL("Verifying Insurance links to payers...")**

**S IBEICDPY=0**

**S IBEICDPY=$O(^IBE(365.12,"B","Insurance Coverage Electronic Discovery-Do Not Link",IBEICDPY))**

**I 'IBEICDPY D BMES^XPDUTL("Insurance Coverage Electronic Discovery Payer has not been established") G CHKLNKQ**

**S IBIEN=0**

**F S IBIEN=$O(^DIC(36,"AC",IBEICDPY,IBIEN)) Q:'IBIEN D**

**. S DIE="^DIC(36,",DA=IBIEN,DR="3.1///@" D ^DIE ; remove the link**

**. W !,"Insurance:"\_IBIEN\_" "\_$$GET1^DIQ(36,IBIEN\_",","NAME")**

**. K DIE,DA,DR**

**;**

**CHKLNKQ ;**

**Q**

**;**

**Testing & Utilities:**

**Routine:** **IBCNETST --** “eIV Gate-keeper test scenarios”

* Add any Gate-keeper patients needed to support testing of Electronic Insurance Coverage Discovery
* Check/Modify the Appendix in eIV tech manual; talks about testing eIV