**User Story Number:** USIN-040

**User Story Name:** Transmitting Source of Information Codes

**Priority:** (High, Medium, Low) High

**Rational ID:** (to be added later)

**(Product Backlog ID: 73)**

**Service Request Number:**

**Author:** eInsurance

# Background (If helpful, otherwise delete)

# The electronic insurance verification (eIV) software obtains information from the VistA Buffer File, sends HL7 messages to Financial Services Center (FSC) to create eligibility benefits inquiries, and receives HL7 messages in return carrying eligibility benefits responses. (aka: HIPAA 270/271 transactions). Each “buffer” entry created in file 355.33 (the temporary holding tank of data) has a Source of Information (SOI) code associated with it. This code tells the user community how the information was obtained.

FSC conducts data analysis but has no knowledge of origination. Since there is a SOI code on each entry, we want to send that SOI code to FSC. This code will be used by FSC for data analysis and will NOT be sent forward to the clearinghouse.

# Story

As the eIV business owner, I want the outbound HL7 message carry the ‘Source of Information’ code from each buffer entry to FSC so that better data analysis can occur.

**Conversation**

# There are many sources from which a buffer file can be created. Many times we have had the need to trace entries made from problematic sources; however, we do not have that capability in the current VistA software. We need to create and use a new segment/element in the HL7 message to send the SOI code on each buffer entry to FSC. Even though this element is not required by the HIPAA guides, not only would FSC be able to complete additional data analysis, but also would have increased data reporting so that sites, VISNs, and CPACs may identify any buffer file entry issues that could be the fault of the ‘Source of Information’.

# The business flow will not change based on this user story. FSC will need a list of SOI codes to conduct additional data analysis. The email below provides a complete list.

# *Technical Note*: Source of Information file is #355.12, Buffer pointer is #355.33,.03

* The development team will research the field that will be used for the SOI code. A ZSEGMENT may need to be added or there may be an existing field in a standard HL7 message. The details will be addressed during design. The SOI needs to be included on the 270 inquiry but not the 271 response.
* It is possible that some sites may have added codes. The team is not concerned about the potential additions.
* During patch installation, increment the Interface version number; coordinate with FSC to implement.
* After Patch deployment, we will need to go through patch registration process and the eInsurance team would like to continue the use of automated registration as part of the patch install.

# Detailed Listing of Acceptance Criteria

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| --- | --- | --- |
| Requirement ID | Description | External Dependency  (Y/N)  If Y, provide organization and description |
| USIN-040.01 | VistA transmits the appropriate source of information code on the outbound HL7 inquiry |  |
| USIN-040.02 | FSC receives the source of information code in the HL7 inquiry |  |
| USIN-040.03 | FSC saves the source of information code in the statistical database (along with other data from messages) | Yes, FSC |
| USIN-040.04 | Source of Information is not included in the transaction that goes in the X12 message to Clearinghouse from FSC | Yes, FSC |

# Tester Notes

# Buffer entries with any source of information can be manually generated using Process Insurance Buffer menu; add entry option.

* User will need the IB INSURANCE SUPERVISOR security key for testing.
* Use a patient that is transmitted to FSC during Bay Pines testing.
* The appointment extract (IBCNE IIV NIGHTLY PROCESS) doesn’t make buffer entries prior to transmission to FSC; the entries SOI default to “eIV”.

# Constraints

# Requires FSC coding change, database change, and testing.

* Requires VistA HL7 team approval.
* ICD will need to be updated.
* Implement this user story at the same time or after USIN-71.

# Assumptions

* FSC is available to receive new information.
* FSC can save new information.
* FSC will not change the process of transaction processing at this time, but may make future changes based on new information.
* The eIV HL7 transaction version number will need to be changed.
* Will need to go through patch registration process.
* HL7 approves use of generic segment to carry proprietary data.
* Assure that multiple version of HL7 can run concurrently (Refer to IB549 patch).
* Every VistA database has the same Source of Information codes with the same IEN numbers assigned to values.

**Risks**

# By not implementing this feature, FSC and eInsurance will be unable to perform source of information analysis.

* Dependent on HL7 team approval.
* An individual site may have added to the Source of Information codes; although sites should not change this dictionary.

# Approval Signatures

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**Revision History**

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| --- | --- | --- | --- | --- |
| Date | Version | Description | Author | CM Version |
| 10/18/2016 | v0.01 | Original | eInsurance | 1.0 |
| 10/18/2016 | V0.02 | Edits by eInsurance | eInsurance | 2.0 |
| 10/19/2016 | V0.03 | Group Edit in Elaboration Session | Julie Mann | 3.0 |
| 11/4/2016 | V.0.04 | Changes per USD&P meeting | Cindy Fawcett | 4.0 |
| 11/9/2016 | V1.0 | Final version for submission | Team Leidos | 5.0 |
| 11/21/2016 | V2.0 | Incorporate edits from rejection | Cindy Fawcett | 6.0 |