**SSI Insurance Confirmations to Soarian**

**Version 1.0**

**Prepared By: Tiffany Bohall**

**Date: 2/19/2018**

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# **Document Control**

## Resources: (include Project Team Members, Liaisons, Vendor Contacts, etc.)

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Email** |
| Tiffany Bohall | BayCare IS, Integration Analyst | [Tiffany.Bohall@baycare.org](mailto:Tiffany.Bohall@baycare.org) |
| Rich Allison | BayCare IS, SR Integration Analyst | [Rich.Allison@baycare.org](mailto:Rich.Allison@baycare.org) |
| Margaret Chen | BayCare CBO, IT Coordinator | [Margaret.Chen@baycare.org](mailto:Margaret.Chen@baycare.org) |
| Andy Calcagno | BayCare IS, Systems Programmer | [Andy.Calcagno@baycare.org](mailto:Andy.Calcagno@baycare.org) |
| Kathryn Hall | BayCare IS, SR Programmer Analyst | [Kathryn.Hall@Baycare.org](mailto:Kathryn.Hall@Baycare.org) |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Project Distribution List –N/A

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# 1. Introduction

## 1.1 Purpose

The purpose of this document is to record the interface translations and method of transaction delivery from SSI, to Cloverleaf, outbound to Soarian.

## 1.2 Project Scope

The scope of the integration defined in this Integration Development Build Book (IDBB) is the processing for files containing payer confirmation numbers returned from SSI as phase 1. Phase 2 involves the EDW team who will write a query of the data sent to Soarian and ultimately provide the ability for BayCare to be able to give these insurance confirmation numbers to patients for their reference. Phase 2 does not involve Cloverleaf.

## 1.3 Terminology Standards –N/A

### 1.3.1 Acronyms

Define the acronyms and their associated definitions used in this document. The acronyms should be listed in alphabetical order.

### 1.3.2 Glossary

List the terms that require definition with respect to Cloverleaf and the product whose requirements are defined in this document. The definitions are specific to this document and may not be identical to the definitions of these terms in common use.

## 1.4 Document References

A copy of the SSI Reject Integration Initial Assessment document can be found on the IS Enterprise Integration team SharePoint site: EIT Site Documents > Active Applications and Systems > SSI.

# 2. Diagram

There is no diagram available because there is a single connection both inbound and outbound from Cloverleaf.

# 3. Requirements

## 3.1 Functional Requirements

Provide detail for the below functional requirements. The message transformation requirements for the components defined in this specification should be specified in section 4.2 of this document.

|  |  |  |
| --- | --- | --- |
| **Cloverleaf** |  |  |
| **Number** | **Requirement Name** | **Requirement Description** |
| FR.2018.2.10 | Modify the receivable group | Cloverleaf is dropping the leading letter “S” as well as the last 5 digits from the end of the numeric string. What remains is just the receivable group. |
| FR.2018.2.11 | Modify the billing period | Cloverleaf is dropping the leading letter “S”, as well as the receivable group number and last 2 digits from the end of the numeric string. What remains is just the billing period associated with the receivable group. |

## 3.2 Non-Functional Requirements

Provide concise detail for the below non-functional requirements. This would include external table ownership, hours of support, etc. The below requirements must be evaluated for every project.

|  |  |  |
| --- | --- | --- |
| **Cloverleaf** |  |  |
| **Number** | **Requirement Name** | **Requirement Description** |
| NFR.2018.2.10 | SSI file inbound | This interface will only translate transactions provided from SSI. If no files are placed in Cloverleaf’s inbound FTP directory, nothing will be sent outbound to Soarian. Monday through Friday after day-end processing only. |

## 3.3 Messaging Protocols

Below are listed the details for the messaging protocols that will be leveraged for this integration. This includes: TCP/IP, FTP, Web Services, etc.

### 3.3.1 Inbound to BayCare’s Cloverleaf

|  |  |
| --- | --- |
| FTP |  |
| MLLP Socket Connection (TCP/IP) |  |
| Local File Drop by Midrange Team |  |
| Other | /sites/ftp\_data\_in/ssi (usually around 8pm) |

### 3.3.2 Outbound from BayCare’s Cloverleaf

|  |  |
| --- | --- |
| FTP |  |
| MLLP Socket Connection (TCP/IP) |  |
| Local File Drop by Midrange Team |  |
| Other | ftpdata/Soarian/PROD/Revenue\_Management (scans every 15 minutes, 24/7) |

### 3.3.3 Inbound to the Vendor –N/A

|  |  |
| --- | --- |
| FTP |  |
| MLLP Socket Connection (TCP/IP) |  |
| Local File Drop by Midrange Team |  |
| Other | Click here to enter text. |

### 3.3.4 Outbound to the Vendor –N/A

|  |  |
| --- | --- |
| FTP |  |
| MLLP Socket Connection (TCP/IP) |  |
| Local File Drop by Midrange Team |  |
| Other | Click here to enter text. |

# 4. Message Formatting

## 4.1 Messaging Format

VRL: ssi\_confirms.vrl

### 4.1.1 Inbound Fields in Order

Format: RecordType|ClaimNumber|Action|ConfirmDate|N/A|SSICode|ConfirmationNumber|

### 

### 4.1*.*2 XML Schema

XML: soarf\_ufc/UserFinCategoryRequest

### 4.1*.*3 Cloverleaf Configuration Files

* VRL: ssi\_confirms.vrl
* Translation file: ssi\_to\_soarf\_confirms.xlt
* XML Schema: soarf\_ufc/UserFinCategoryRequest

### 4.1.4 Cloverleaf Site Location

Soarf\_finance\_22

## 4.2 Data Transformation Requirements

| **Field Description** | **Required Y/N** | **Data Type** | **Notes** |
| --- | --- | --- | --- |
| Source.referenceName | Y | string | Hard coding ‘UserFinCategoryRequest’ |
| Source.referenceIdentifier | Y | string | Hard coding ‘UFC’ |
| Source.referenceDate | Y | string | Default today’s date |
| Source.referenceTime | Y | string | Default today’s time |
| Source.referenceUserIdentifier | Y | string | Hard coding ‘USER’ |
| Source.sourceSystemName | Y | string | Hard coding ‘SYSTEM’ |
| Source.sourceApplicationName | Y | string | Hard coding ‘APPLICATION’ |
| Source.targetType | Y | string | Hard coding ‘BlPer’ |
| Source.targetID | Y | string | TCL proc that removes the first letter from the claim number, any leading 0’s and then the last 5 numeric characters (referred to as the receivable group), then copy the output. |
| Source.targetBPSeqNumber | Y | string | TCL proc that removes the first letter from the claim number, any leading 0’s and the targetID (receivable group). Remove the last 2 numerics as well as any leading 0’s, then copy the output. |
| Source.Action | Y | string | Hard coding ‘1’ |
| Source.Name | Y | string | Hard coding ‘SSICONFIRMATIONBP’ |
| Source.value | Y | string | Copying from confirm\_nbr |
| Source.commentText | Y | string | Hard coding |

## 4.3 Sample Message

**INBOUND**

28|S481057800101|A|101317||2CONFIRM|2106149512|28|S81922407401|A|101317||2CONFIRM|2104723005|

**OUTBOUND**

UserFinCategoryRequest.source.referenceName.#text: >UserFinCategoryRequest<

UserFinCategoryRequest.source.referenceIdentifier.#text: >UFC<

UserFinCategoryRequest.source.referenceDate.#text: >2018/02/19<

UserFinCategoryRequest.source.referenceTime.#text: >14:57:00.000000<

UserFinCategoryRequest.source.referenceUserIdentifier.#text: >USER<

UserFinCategoryRequest.source.sourceSystemName.#text: >SYSTEM<

UserFinCategoryRequest.source.sourceApplicationName.#text: >APPLICATION<

UserFinCategoryRequest.source.targetType.#text: >BlPer<

UserFinCategoryRequest.source.targetID.#text: >4810578<

UserFinCategoryRequest.source.targetBPSeqNumber.#text: >1<

UserFinCategoryRequest.source.action.#text: >1<

UserFinCategoryRequest.source.name.#text: >SSICONFIRMATIONBP<

UserFinCategoryRequest.source.value.#text: >2106149512<

UserFinCategoryRequest.source.commentText.#text: >UFC Added by Automated Confirmation<

UserFinCategoryRequest.source.referenceName.#text: >UserFinCategoryRequest<

UserFinCategoryRequest.source.referenceIdentifier.#text: >UFC<

UserFinCategoryRequest.source.referenceDate.#text: >2018/02/19<

UserFinCategoryRequest.source.referenceTime.#text: >14:57:00.000000<

UserFinCategoryRequest.source.referenceUserIdentifier.#text: >USER<

UserFinCategoryRequest.source.sourceSystemName.#text: >SYSTEM<

UserFinCategoryRequest.source.sourceApplicationName.#text: >APPLICATION<

UserFinCategoryRequest.source.targetType.#text: >BlPer<

UserFinCategoryRequest.source.targetID.#text: >819224<

UserFinCategoryRequest.source.targetBPSeqNumber.#text: >74<

UserFinCategoryRequest.source.action.#text: >1<

UserFinCategoryRequest.source.name.#text: >SSICONFIRMATIONBP<

UserFinCategoryRequest.source.value.#text: >2104723005<

UserFinCategoryRequest.source.commentText.#text: >UFC Added by Automated Confirmation<

# 5. Alerts –N/A

Are you going to need alerting on this connection?

|  |  |
| --- | --- |
| Yes |  |
| No |  |

If the answer is yes, please complete the table below:

|  |  |  |  |
| --- | --- | --- | --- |
| **Site Name** | **Hours of Support** | **Distribution Group** | **Comments** |
|  |  |  |  |
|  |  |  |  |

# Appendix A: Risks and Concerns –N/A

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Name** |  |  | | |  |  |  |  |
| **Number** | **Risk / Concern** | **Comment** | **Mitigation** | | |  |  |  |
| RC.2013.1.0 |  |  | |  | |  |  |  |

# Appendix B: Issues List –N/A

This is a dynamic list of the open issues related to the IDBB that remain to be solved, including but not limited to TBDs, pending decisions, information needed, conflict awaiting resolution, and the like.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Name** |  |  | | |  |  |  |  |
| **Number** | **Issue** | **Comment** | **Fix** | | |  |  |  |
| I.2013.1.0 |  |  | |  | |  |  |  |

* End of document