**Cancel Encounters to Soarian**

**Version 1**

**Prepared By: Rich Allison**

**Date: 10/23/2015**

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# **Document Control**

## Resources

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Email** |
| Soarian team |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Project Distribution List

## Document Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Modifier** | **Description** |
| V1.0 | 10/23/2015 | Rich Allison | Originally Created |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# 1. Introduction

## 1.1 Purpose

Cancel scheduled patient encounters in Soarian where the patient did not present.

## 1.2 Project Scope

A pipe delimited extract file is created from Soarian for scheduled encounters in a pre-reg status for 30 days past the scheduling date.

The file contains person name, the Soarian person identifiers, the facility and the encounter start date. This file is created during Soarian day end processing and is sent to Cloverleaf around 1:00am to 3:00am daily.

This file is picked up at 6:00am and processed by Cloverleaf daily. Cloverleaf creates and sends A38 cancel pre-admit messages to Soarian.

## 1.3 Terminology Standards

### 1.3.1 Acronyms

### 1.3.2 Glossary

## 1.4 Document References

# *2.* Diagram

Provide a solution diagram that depicts the integration of components specified in this IDBB. This diagram must include the data flow for the interfaces (source and target).

Soarian 🡪

Extract data 🡪

SchdEncs*dttm*.txt file 🡪

/sites/ftp\_data\_in/SoarfSchdEncs 🡪

Cloverleaf 🡪

soarf\_encA38\_in (fileset-local) 🡪

soarf\_soarf\_cncldenctr\_A38.xlt 🡪

A38 message 🡪

soarf\_encA38\_out



# 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.2015.1.0 | Create SchdEncs*dttm*.txt pipe delimited VRL file | Soarian script extracts data from Soarian |
| FR.2015.1.1 | put file for Cloverleaf access | file put to /sites/ftp\_data\_in/SoarfSchdEncs |
| FR.2015.1.2 | Cloverleaf retrieve file | soarf\_encA38\_in fileset-local connection on misc4\_prod reads the file |
| FR.2015.1.3 | Create cancel pre-admit messages for Soarian | Cloverleaf interface soarf\_soarf\_cncldenctr\_A38.xlt formats VRL records into HL7 A38 messages |
| FR.2015.1.4 | Send messages to Soarian | Send messages on Soarian soarf\_encA38\_out connection (port 10288) |
|  |  |  |
|  |  |  |

## 3.2 Non-Functional Requirements

Provide concise detail for the below non-functional requirements. The below requirements must be evaluated for every project.

|  |  |  |
| --- | --- | --- |
| **Cloverleaf** |  |  |
| **Number** | **Requirement Name** | **Requirement Description** |
| NFR.20XX.1.0 | Click here to enter text. | Click here to enter text. |

## 3.3 Messaging Protocols

### 3.3.1 Inbound to the BayCare Cloverleaf from /sites/ftp\_data\_in/SoarfSchdEncs

* fileset-local flat file read

### 3.3.2 Outbound to Soarian

* TCP IP MLLP Encapsulated
* Port: 10288
* IP Address: 64.46.229.11 Production 64.46.231.206 Test

# 4. HL7 Messaging

## 4.1 Messaging Format

Inbound: VRL

Outbound: HL7

### 4.1.1 Segments

The segments utilized for this interface are:

VRL:

CPI

last\_name

first\_name

middle\_name

encounter\_number

encounter\_start\_dttm

entity\_ID

encounter\_location \_ID

encounter\_location

HL7:

|  |
| --- |
| MSH |
| EVN |
| PID |
| [PV1] |

### 4.1*.*2 Messaging Event Types

Below are the messages types necessary for this integration

|  |  |
| --- | --- |
| **Event Type** | **Description** |
| A38 | Cancel pre-admit |
|  |  |
|  |  |

### 4.1*.*3 Cloverleaf Configuration Files

Variants:

HL7 2.6/Soarian ADT\_A38

VRL:

soarf\_cancel\_encounters

Xlates:

soarf\_soarf\_cncldenctr\_A38

Filters:

None

### 4.1.4 Cloverleaf Site Location

soarf\_outbound\_23

## 4.2 Data Transformation Requirements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Description** | **HL7 Field Loc.** | **Required Y/N** | **Data Type** | **Length** | **Notes** |
| Basic copy commands – see xlate |  |  |  |  |  |
| No TCL or special logic |  |  |  |  |  |

## 4.3 Sample Messages

VRL:

100203338|BOBO|ANN||5100116918|2015-05-30 00:00:00|I0A5|3928|WW Inpatient

HL7:

MSH|^~\&|CANCLDENCTR|I0A5|SOARF|BAYCARE|20151012134804||ADT^A38|201510121348045100116918|P|2.6

EVN|A38|20151012134804||XEN||20151012134804

PID|||100203338^^^900000^PN||BOBO^ANN

PV1||O|||||||||||||||||5100116918^^^504^VN

# 

# **5. Testing**

## 5.1. Unit Testing Scenarios

|  |  |
| --- | --- |
| **Scenario** | **Expected Result** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## 5.2 Integrated Testing Scenarios

|  |  |
| --- | --- |
| **Scenario** | **Expected Result** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## 

## 5.3 Testing Approvals

|  |  |  |  |
| --- | --- | --- | --- |
| **Testing Phase** | **Date** | **Department** | **Team Member** |
| PH1.UNIT |  |  |  |
| PH1.INTEGRATED |  |  |  |

### 

## 5.4 Piloting

List the facilities and associated networks in scope for pilot testing.

## 5.5 Approvals

|  |  |  |  |
| --- | --- | --- | --- |
| **Testing Phase** | **Date** | **Department** | **Team Member** |
| PH1.0 |  |  |  |
|  |  |  |  |
|  |  |  |  |

# 6. Deployment / Implementation Model

Provide the detail as to how to deploy the solution defined in the IDBB from both the BAYCARE and vendor perspective.

# Appendix A: Risks and Concerns

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

# Appendix B: Issues List

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