**ADT from Availity to Soarian**

**Version 1.0**

**Prepared By: Art Schwartz**

**Date: 5/14/2019**

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# **Document Control**

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

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## Project Distribution List

## Document Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Modifier** | **Description** |
| V1.0 | 5/14/2019 | Art Schwartz | Originally Created |
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|  |  |  |  |

# 1. Introduction

## 1.1 Purpose

This interface will pass Insurance authorizations from Availity to Soarian

## 1.2 Project Scope

Insurance Authorizations will be passed electronically from Availity to Soarian. This is to replace a Manual process previously used. Initially only Blue cross authorizations will be sent.

## 1.3 Terminology Standards

### 1.3.1 Acronyms

BCBSFL Blue Cross/Blue Shield - Florida

LPI Local Provider Identifier

NPI National Provider Identifier

### 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

List all documents or Web addresses to which this IDBB refers; provide enough information so that the reader can access a copy of each reference. Include the title, author, version number, date, and source or location.

# 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).



# 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.20XX.1.0 | Blue Cross Only | Click here to enter text. |

## 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.20XX.1.0 | Click here to enter text. | Click here to enter text. |

## 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 the BayCare Cloverleaf

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

### 3.3.2 Outbound to the BayCare Cloverleaf

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

### 3.3.3 Inbound to the Vendor

|  |  |
| --- | --- |
| 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

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

# 4. HL7 Messaging

## 4.1 Messaging Format

### 4.1.1 Segments

The segments utilized for this interface are:

MSH

EVN

PID

ORC

[PV1]

[{

IN1

[IN2]

}]

*Message Construction Notes:*

*[Square Brackets] – Optional*

*{Curly Brackets} – Repeatable*

*MSH – Message Header*

*ZSH – Misc Soarian Segment*

*EVN – Event segment*

*PID – Patient ID segment*

*PV1 – Patient Visit segment*

*ORC – Common Order segment*

*IN1 – Insurance segment*

*[{ – Start of optional, repeatable group*

*}] – End of optional, repeatable group*

### 4.1*.*2 Messaging Event Types

Below are the messages types necessary for this integration

|  |  |
| --- | --- |
| **Event Type** | **Description** |
| ADT^A08 | Update Patient Information |
|  |  |
|  |  |

### 4.1*.*3 Cloverleaf Configuration Files

For each HL7 interface specified in Section 2 of this document, identify the Cloverleaf Configuration Files: Variants, TCL Scripts, Xlates, etc.

Avail\_soarf\_adt.xlt

### 4.1.4 Cloverleaf Site Location

Cloverleaf site locations for interfaces.

Soarf\_outbound\_23

## 4.2 Data Transformation Requirements

| **Field Description** | **HL7 Field Loc.** | **Required Y/N** | **Notes** |
| --- | --- | --- | --- |
| MSH Segment | MSH | Y | Pathcopy segment |
| Sending Application | MSH-3 | Y | Hard code AVAILITY |
| Sending Facility | MSH-4 | Y | Null out field |
| Receiving Application | MSH-5 | Y | Hard code SOARF |
| Receiving facility | MSH-6 | Y | Hard code BAYCARE |
| Message Type – trigger event | MSH-9.1 | Y | Hard code A08 |
| Message Type – Message structure | MSH-9.2 | Y | Null out field |
| Message Type – other | MSH-9.3 | Y | Null out field |
| Version ID | MSH-12 | Y | Hard code 2.7 |
| Process data Mode 1 | ZSH-7.0 | Y | Hard code Ins |
| Process data Mode 1 | ZSH-7.1 | Y | Hard Code Upd |
| Event type code | EVN -1 | Y | Hard code A08 |
| Recorded date/time | EVN-2 | Y | Copy MSH-7 |
| Operator ID | EVN-5 | Y | Hard code AVAILITY |
| Event Occurred | EVN-6 | Y | Copy PV1-44 |
| Patient Identifier ID number | PID-3.0 | Y | If PID-2 not null, copy PID-2 |
| Patient Identifier assign Authority | PID-3.3 | Y | If PID-2 not null, hard code 900000 |
| Patient Identifier type code | PID-3.4 | Y | If PID-2 not null, hard code PN |
| Patient Account Number assigning Authority | PID-18.3 | Y | Hard code 504 |
| Patient Account Number type code | PID-18.4 | Y | Hard code VCD |
| Social Security # | PV1-19.0 | Y | If PID-19 not null, copy PID-2 |
| Social Security # | PV1-19.3 | Y | If PID-19 not null, hard code 504 |
| Social Security # | PV1-19.4 | Y | If PID-19 not null, hard code VN |
| Insurance Plan text | IN1-2.1 | Y | Copy IN1-4 |
| Insurance Plan Identifier | IN1-2.0 | Y | Copy IN1-2 |
| Authorization Referral Type | ZAR-1 | Y | Hard Code Authz |
| Effective date | ZAR-3 | Y | Copy ZIN-7 |
| Expiration date | ZAR-4 | Y | Copy ZIN-8 |
| Number of authorized treatment days | ZAR-9 | Y | Subtract ZIN-7 from ZIN-8 |
| Unit | ZAR-9.1 | Y | Hard copy Days |
| Set ID | IN1 | Y | Copy |
| Insurance Plan ID -Identifier | IN1-2.0 | Y | copy |
| Insurance Plan ID Text | IN1-2.1 | Y | copy |
| Policy number | IN1-36 | Y | copy |
| Authorization Information | IN1-14 | Y | If ZIN-1 not null copy ZIN-9 |
| Approval Status | ZAR-2 | Y | If ZIN-1 not null copy ZIN-5 |
| Authorization Approval number | ZAR-7 | Y | If ZIN-1 not null copy ZIN-9 |
| Encounter Type | ZAR-12 | Y | If ZIN-1 not null and PV1-2 = I  Hard code IP  Else  Hard code OP |
| Authorization Approval number | ZAR-7 | Y | If ZIN-5 = Pending or Denied copy ZIN-11 |
| Authorization Approval number | ZAR-7 | Y | If field is still Null Hard code REF9999 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## 4.3 Sample Message

Inbound to Cloverleaf

MSH|^~\&|SJS|BAYCARE^252405|AETNA|AVAILITY|20190430093131||ADT^A08^ADT\_A01|MCCMS631-0022520.633|P|2.5.1||e8ec59db-89e

EVN|A08|201904290733|||AVAILITY

PID|1|810121950|7000110692^^^^MR||BELMER^JACFE^^^^^L^^^20190401||19800215|F||2106-3|123 LIME ST^^Tarpon Springs^FL^34688^USA^M^^Pinellas^^^20190401||(727)999-9999^PRN||ENG|M||6000143509

PV1|1|I|A2EC^2502^A^SJS|C|||1649430299^Gabordi^Robert^^^^^^^^^^NPI|||MED||||1||||I|5400056341^^^504^VN^^20190401|||||||||||||||||||||||||201904011706

IN1|1|136|AETNA|Aetna|PO BOX 14079||^WPN^PH^^0^800^4322574^^POLCS-M||||||||Hea|BELMER^JACFE^^^^^^^^20190401|SEL|19800215|123 LIME ST^^Tarpon Springs^FL^34688^USA^M^^Pinellas|||1||||||||||||||W183102062||||||9|F||fa||H

ZIN|1|136|633|AVAILITY|DENIED|MCCMS631-0022520||||DENIED|9510241000000000

Outbound from Cloverleaf

MSH|^~\&|AVAILITY||SOARF|BAYCARE|20190429053228||ADT^A08|MCCMS631-0022399.630|P|2.7||41fa8372-647

ZSH|||||||Ins^Upd

EVN|A08|20190429053228|||AVAILITY|201904011636

PID|||810121947^^^900000^PN|||||||||||||||6000143506^^^504^VCD

PV1|||||||||||||||||||5400056338^^^504^VN

IN1|1|136^Aetna||||||||||||||||||||||||||||||||||184753156

ZAR|Authz|DENIED|||||REF9999||0^Days|||IP

# 5. Alerts

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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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