**Soarian to ARM Collection Report Delivery**

**Version 1.0**

**Prepared By: Stephen M. Mattei**

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# **Document Control**

## Resources

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## Project Distribution List

N/A

## Document Version Control

|  |  |  |  |
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| **Version** | **Date** | **Modifier** | **Description** |
| V1.0 | 4/27/2015 | Stephen M. Mattei | Originally Created |
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|  |  |  |  |
|  |  |  |  |

# 1. Introduction

## 1.1 Purpose

This document describes the integration of Soarian Financials SBO reporting interface with the ARM Collections agency’s inbound file interface. Contained within are the technical schematics as to how the integration between Soarian Financials and ARM were accomplished.

All details will be expressed with the BayCare integration engine as being the central distribution hub for the data. So if something is expressed as inbound it is inbound to the BayCare integration engine and if it is outbound likewise it is outbound from the BayCare integration engine.

## 1.2 Project Scope

The objective is to broker the delivery of Soarian originating XML batched reports related to assignments to bad debt, updates on assigned accounts and special instructions related to assigned accounts to ARM. The inbound XML batches \ reports are delivered to the engine via a TCP \ IP socket connection via the Soarian SBO standard interface. The same batches \ reports are delivered to ARM via FTP.

## 1.3 Terminology Standards

### 1.3.1 Acronyms

ARM – ARM a collections agency owned by BayCare Health.

### 1.3.2 Glossary

Initial Assignments – Accounts transferred to ARM for collection

Information Update – An updated to an account already transferred to collections

Instructions – Special instructions on account already transferred to collections

## 1.4 Document References

Soarian Financials Revenue Management Generic Interfaces.pdf

# *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.2015.4.0 | Route inbound XML by report \ batch description note | We need to be able to route by data within the message so we can direct the file to the correct output thus using the right naming convention for the report type |
| FR.2015.4.1 | Each file should be given a naming prefix describing the type of data. | ARM\_initAssgnmt, ARM\_updates, & ARM\_instrct |
| FR.2015.4.2 | To provide uniqueness epoch time to milliseconds will be incorporated in the file name | Example: **1429984438** |
| FR.2015.4.3 | File extension | All files will be given a .xml file extension. |
| FR.2015.4.4 | Engine side on-demand processing | Cloverleaf will write out the file to a local directory whenever input is received on the inbound TCP socket connection |
| FR.2015.4.5 | File delivery to ARM | The midrange team will pick up the file form Cloverleaf and deliver it to ARM via FTP. |
| FR.2015.4.6 | Update and Instruction Files Delivery Interval | This files are delivered to ARM daily by the midrange team at 06:00 hours. |
| FR.2015.4.7 | Initial Assignment File Delivery | Initial Assignment files are delivered weekly on Thursday at 07:00 hours |
| FR.2015.4.8 | Only one schema was needed | Only one schema was needed to process all of the different report \ batch types. The contents may change in orientation with the batch type but the elements a consistent outside of optionality. |

## 3.2 Non-Functional Requirements

|  |  |  |
| --- | --- | --- |
| **Cloverleaf** |  |  |
| **Number** | **Requirement Name** | **Requirement Description** |
| NFR.2015.4.0 | No data manipulation done on the part of BayCare | ARM is receiving the data as is and BayCare is not altering the document at all. |

## 3.3 Messaging Protocols

Below are listed the details for the messaging protocols that will be leveraged for this integration.

### 3.3.1 Inbound to the BayCare Cloverleaf

* TCP MLLP

### 3.3.2 Outbound to the Vendor

* File

### 3.3.3 Connectivity Details Inbound to the BayCare Cloverleaf

Test

Port Number: 20000

IP Address: 10.5.250.203

Prod

Port Number: 20000

IP Address: 10.5.250.201

### 3.3.4 Connectivity Details Outbound from the BayCare Cloverleaf

Test

Directory: /tmp/ftp\_data\_out/ARM

IP Address: 10.5.250.201

Prod

Port Number: /sites/ftp\_data\_out/ARM

IP Address: 10.5.250.203

# 4. XML Messaging

## 4.1 Messaging Format

<?xml version="1.0" encoding="UTF-8"?>

<!-- edited with XMLSpy v2014 rel. 2 sp1 (http://www.altova.com) by Stephen Mattei (BayCare Health System) -->

<!-- W3C Schema generated by XMLSpy v2014 rel. 2 sp1 (http://www.altova.com) -->

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

<xs:element name="serialization">

<xs:complexType>

<xs:sequence>

<xs:element name="extensions">

<xs:complexType>

<xs:sequence>

<xs:element name="SmsTntXmlSerializerGUIExtension">

<xs:complexType>

<xs:sequence>

<xs:element name="TransactionID">

<xs:complexType>

<xs:attribute name="ID" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="WorkstationID">

<xs:complexType>

<xs:attribute name="ID" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="UserID">

<xs:complexType>

<xs:attribute name="ID" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

</xs:sequence>

</xs:complexType>

</xs:element>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="SmsTntBusinessProcessObject">

<xs:complexType>

<xs:sequence>

<xs:element name="StandardBulkControlObject">

<xs:complexType>

<xs:sequence>

<xs:element name="currentBatch">

<xs:complexType>

<xs:sequence>

<xs:element name="SBOBatchIO">

<xs:complexType>

<xs:sequence>

<xs:element name="batchHeaderIO" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="batchId" type="xs:string" minOccurs="0"/>

<xs:element name="batchMsgTypeCode" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="description" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="processingDate" type="xs:string" minOccurs="0"/>

<xs:element name="sboName" type="xs:string" minOccurs="0"/>

<xs:element name="totalMsgCount" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="batchMessages" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="element" minOccurs="0" maxOccurs="unbounded">

<xs:complexType>

<xs:sequence>

<xs:element name="assignedRPBPIO" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="adjustmentAmount" type="xs:string" minOccurs="0"/>

<xs:element name="balxferAmount" type="xs:string" minOccurs="0"/>

<xs:element name="blPerBeginDate" type="xs:string" minOccurs="0"/>

<xs:element name="blPerEndDate" type="xs:string" minOccurs="0"/>

<xs:element name="claims" minOccurs="0">

<xs:complexType>

<xs:sequence minOccurs="0" maxOccurs="unbounded">

<xs:element name="element">

<xs:complexType>

<xs:sequence>

<xs:element name="claimCreationDate" type="xs:string" minOccurs="0"/>

<xs:element name="claimNumber" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="ClassName" type="xs:string"/>

<xs:attribute name="OID" type="xs:string"/>

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

<xs:attribute name="IsIndexed" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="courtesyInd" type="xs:string" minOccurs="0"/>

<xs:element name="guarantorName" type="xs:string" minOccurs="0"/>

<xs:element name="lastGuarBillDate" type="xs:string" minOccurs="0"/>

<xs:element name="lastPaymentAmount" type="xs:string" minOccurs="0"/>

<xs:element name="lastPaymentDate" type="xs:string" minOccurs="0"/>

<xs:element name="otherBalAmount" type="xs:string" minOccurs="0"/>

<xs:element name="payerName" type="xs:string" minOccurs="0"/>

<xs:element name="paymentAmount" type="xs:string" minOccurs="0"/>

<xs:element name="receivableStatus" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="description" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="reportingGroupType" type="xs:string" minOccurs="0"/>

<xs:element name="totalBalanceAmt" type="xs:string" minOccurs="0"/>

<xs:element name="totalChargesAmt" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="instructionCode" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="description" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

<xs:attribute name="OID" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="bpbpRefUnitIdIO" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="billingPeriodsequenceNumber" type="xs:string" minOccurs="0"/>

<xs:element name="receivableGrpId" type="xs:string" minOccurs="0"/>

<xs:element name="responsiblePartyIdentifier" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="encounterProviderIO" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="admitDate" type="xs:string" minOccurs="0"/>

<xs:element name="clinicalServeice" type="xs:string" minOccurs="0"/>

<xs:element name="dischargeDate" type="xs:string" minOccurs="0"/>

<xs:element name="encounterLocationName" type="xs:string" minOccurs="0"/>

<xs:element name="encounterProviderName" type="xs:string" minOccurs="0"/>

<xs:element name="primaryEncounterType" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="description" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="guarDemographicsIO" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="guarCity" type="xs:string" minOccurs="0"/>

<xs:element name="guarDOB" type="xs:string" minOccurs="0"/>

<xs:element name="guarEmployerIO" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="city" type="xs:string" minOccurs="0"/>

<xs:element name="name" type="xs:string" minOccurs="0"/>

<xs:element name="phoneNo" type="xs:string" minOccurs="0"/>

<xs:element name="state" type="xs:string" minOccurs="0"/>

<xs:element name="streetAddress" type="xs:string" minOccurs="0"/>

<xs:element name="zip" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="guarName" type="xs:string" minOccurs="0"/>

<xs:element name="guarPhone" type="xs:string" minOccurs="0"/>

<xs:element name="guarSSN" type="xs:string" minOccurs="0"/>

<xs:element name="guarState" type="xs:string" minOccurs="0"/>

<xs:element name="guarStreetAddress" type="xs:string" minOccurs="0"/>

<xs:element name="guarZip" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="manualIndicator" type="xs:string" minOccurs="0"/>

<xs:element name="outSourceUnitIO" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="billingPeriodsequenceNumber" type="xs:string" minOccurs="0"/>

<xs:element name="receivableGrpId" type="xs:string" minOccurs="0"/>

<xs:element name="responsiblePartyIdentifier" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID"/>

<xs:attribute name="InstanceClassName"/>

<xs:attribute name="ClassName"/>

</xs:complexType>

</xs:element>

<xs:element name="numberOfResponsiblePayers" type="xs:string" minOccurs="0"/>

<xs:element name="patientDemographicsIO" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="patienDeceasedInd" type="xs:string" minOccurs="0"/>

<xs:element name="patientCity" type="xs:string" minOccurs="0"/>

<xs:element name="patientDOB" type="xs:string" minOccurs="0"/>

<xs:element name="patientEmployer" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="city" type="xs:string" minOccurs="0"/>

<xs:element name="name" type="xs:string" minOccurs="0"/>

<xs:element name="phoneNo" type="xs:string" minOccurs="0"/>

<xs:element name="state" type="xs:string" minOccurs="0"/>

<xs:element name="streetAddress" type="xs:string" minOccurs="0"/>

<xs:element name="zip" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="patientGenderCd" type="xs:string" minOccurs="0"/>

<xs:element name="patientMaritalStatus" type="xs:string" minOccurs="0"/>

<xs:element name="patientName" type="xs:string" minOccurs="0"/>

<xs:element name="patientPhoneNumber" type="xs:string" minOccurs="0"/>

<xs:element name="patientSSN" type="xs:string" minOccurs="0"/>

<xs:element name="patientState" type="xs:string" minOccurs="0"/>

<xs:element name="patientStreetAddress" type="xs:string" minOccurs="0"/>

<xs:element name="patientZip" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="receivableOwnerName" type="xs:string" minOccurs="0"/>

<xs:element name="respBusinessOffcieName" type="xs:string" minOccurs="0"/>

<xs:element name="responsiblePayers" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="element" minOccurs="0" maxOccurs="unbounded">

<xs:complexType>

<xs:sequence>

<xs:element name="groupNumber" type="xs:string" minOccurs="0"/>

<xs:element name="healthPlanShortName" type="xs:string" minOccurs="0"/>

<xs:element name="lastPaymentDate" type="xs:string" minOccurs="0"/>

<xs:element name="payerShortName" type="xs:string" minOccurs="0"/>

<xs:element name="policyNumber" type="xs:string" minOccurs="0"/>

<xs:element name="priority" type="xs:string" minOccurs="0"/>

<xs:element name="reportingGrouptype" type="xs:string" minOccurs="0"/>

<xs:element name="totalAdjAmt" type="xs:string" minOccurs="0"/>

<xs:element name="totalBalAmt" type="xs:string" minOccurs="0"/>

<xs:element name="totalPayAmt" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

<xs:attribute name="IsIndexed" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="required"/>

<xs:attribute name="ClassName" type="xs:string" use="required"/>

<xs:attribute name="InstanceClassName" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute name="ClassType" type="xs:string" use="optional"/>

<xs:attribute name="FilterOnSubclass" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

<xs:attribute name="IsIndexed" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

<xs:element name="eobIndicator" type="xs:string" minOccurs="0"/>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

<xs:attribute name="SmsTntAttributeDirtyFlag" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

<xs:attribute name="SmsTntObjectDirtyFlag" type="xs:string" use="optional"/>

<xs:attribute name="SmsTntAttributeDirtyFlag" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

<xs:attribute name="SmsTntObjectDirtyFlag" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute name="OID" type="xs:string" use="optional"/>

<xs:attribute name="TypeName" type="xs:string" use="optional"/>

<xs:attribute name="ClassName" type="xs:string" use="optional"/>

<xs:attribute name="SmsTntTimeStamp" type="xs:string" use="optional"/>

<xs:attribute name="InstanceClassName" type="xs:string" use="optional"/>

<xs:attribute name="SmsTntObjectDirtyFlag" type="xs:string" use="optional"/>

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute name="SerializationRoot" type="xs:string" use="required"/>

</xs:complexType>

</xs:element>

</xs:schema>

### 4.1.1 Segments

### 4.1*.*2 Messaging Types

|  |  |
| --- | --- |
| **Batch Type** | **Description** |
| Updates | Updated to accounts in collections |
| Initial Assignments | Assignments of accounts to collections |
| Instructions | Special Instructions |

### 4.1*.*3 Cloverleaf Configuration Files

soarf\_sbo\_xsd

### 4.1.4 Cloverleaf Site Location

soarf\_finance

soarf\_finance\_prod

## 4.2 Data Transformation Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Description** | **Required Y/N** | **Data Type** | **Length** | **Notes** |
| serialization.SmsTntBusinessProcessObject.StandardBulkControlObject.currentBatch.SBOBatchIO.batchHeaderIO.sboName.#text | Y | XS:String | Variable | Used to determine the SBO for routing purposes i.e.: Financial\_Credit\_Svc |
| serialization.SmsTntBusinessProcessObject.StandardBulkControlObject.currentBatch.SBOBatchIO.batchHeaderIO.batchMsgTypeCode.description.#text | Y | XS:String |  | Used to determine the batch \ report type i.e.: Initial\_Assignment, Information\_Update and Instruction |

## 4.3 Sample Message

<serialization SerializationRoot="SmsTntBusinessProcessObject">

<extensions>

<SmsTntXmlSerializerGUIExtension>

<TransactionID ID="{7b62c1b2-0a56-4ba8-ab62-b346e47150bf}"/>

<WorkstationID ID="UNKNOWN"/>

<UserID ID="w0a5bulkuser"/>

</SmsTntXmlSerializerGUIExtension>

</extensions>

<SmsTntBusinessProcessObject ClassName="com.sms.tnt.framework.adapt.SmsTntBusinessProcessObject" InstanceClassName="com.sms.tnt.framework.adapt.SmsTntBulkBusinessProcessObject" OID="3558436227" SmsTntObjectDirtyFlag="Insert" SmsTntTimeStamp="0001/01/01 00:00:00.000000" TypeName="BulkProcessSBOOutboundMesg">

<StandardBulkControlObject ClassName="com.siemens.med.hs.sf.thirdpartycollection.outbound.BulkOutboundMsgProcessorCO" OID="3558436236" SmsTntObjectDirtyFlag="">

<currentBatch ClassName="com.siemens.med.hs.sf.thirdpartycollection.SBOBatch" OID="3558436242" SmsTntAttributeDirtyFlag="AttributeDirty" SmsTntObjectDirtyFlag="Insert">

<SBOBatchIO ClassName="com.siemens.med.hs.sf.thirdpartycollection.outbound.SBOBatchIO" OID="{975b60ae-e172-409a-b32e-84a4cade5073}" SmsTntAttributeDirtyFlag="AttributeDirty">

<batchHeaderIO ClassName="com.siemens.med.hs.sf.thirdpartycollection.outbound.SBOBatchHeaderIO" OID="{be8d16dc-b0a4-45f0-9948-4b467d1952dd}">

<batchId>Financial Credit Svc-09/25/2014 23:23:26:782</batchId>

<batchMsgTypeCode ClassName="com.sms.tnt.allowablevalues.SmsTntCodedValue" OID="SmsDef.Tnt.AllowableValues.en\_US.934.1">

<description>Initial Assignment</description>

</batchMsgTypeCode>

<processingDate>2014/09/25</processingDate>

<sboName>Financial Credit Svc</sboName>

<totalMsgCount>1</totalMsgCount>

</batchHeaderIO>

<batchMessages ClassName="com.siemens.med.hs.sf.thirdpartycollection.outbound.SBOMessageIO" IsIndexed="1">

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<assignedRPBPIO ClassName="com.siemens.med.hs.sf.thirdpartycollection.outbound.SBOAssignedRpbpIO" OID="{958ad387-d5a0-4a3d-bb43-91a2aaab3d0c}">

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<blPerEndDate>2014/08/20</blPerEndDate>

<claims ClassName="com.siemens.med.hs.sf.thirdpartycollection.outbound.SBOClaimIO" IsIndexed="1"/>

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<guarantorName>HAPPY, DEBBIE</guarantorName>

<lastGuarBillDate/>

<lastPaymentAmount>0.00</lastPaymentAmount>

<lastPaymentDate/>

<payerName/>

<receivableStatus ClassName="com.sms.tnt.allowablevalues.SmsTntCodedValue" OID="SmsDef.Tnt.AllowableValues.en\_US.292.2">

<description>Bad Debt</description>

</receivableStatus>

<reportingGroupType/>

<totalBalanceAmt>5839.01</totalBalanceAmt>

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<bpbpRefUnitIdIO ClassName="com.siemens.med.hs.sf.thirdpartycollection.outbound.BillingPeriodBillablePartyIdIO" OID="{129958da-81e9-4a04-98ec-abbac461a117}">

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<receivableGrpId>44266</receivableGrpId>

<responsiblePartyIdentifier>Y</responsiblePartyIdentifier>

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<admitDate>2014/08/20</admitDate>

<clinicalServeice>CT Scan</clinicalServeice>

<dischargeDate/>

<encounterLocationName>South FL Baptist</encounterLocationName>

<encounterProviderName>SF Ancillary</encounterProviderName>

<primaryEncounterType ClassName="com.sms.tnt.allowablevalues.SmsTntCodedValue" OID="SmsDef.Tnt.AllowableValues.en\_US.75.2">

<description>Outpatient</description>

</primaryEncounterType>

</encounterProviderIO>

<guarDemographicsIO ClassName="com.siemens.med.hs.sf.thirdpartycollection.outbound.SBOGuarDemographicsIO" OID="{c9fef510-c05f-442f-892d-ce49b0182b32}">

<guarCity>Oldsmar</guarCity>

<guarDOB>1965/08/30</guarDOB>

<guarEmployerIO ClassName="com.siemens.med.hs.sf.thirdpartycollection.outbound.SBOEmployerIO" OID="{d7072af4-26ac-4318-a492-2eae13d5fc76}">

<city/>

<name/>

<phoneNo/>

<state/>

<streetAddress/>

<zip/>

</guarEmployerIO>

<guarName>HAPPY, DEBBIE</guarName>

<guarPhone>727-5236666 </guarPhone>

<guarSSN/>

<guarState>Florida</guarState>

<guarStreetAddress>123 MAIN ST</guarStreetAddress>

<guarZip>34677 </guarZip>

</guarDemographicsIO>

<manualIndicator>true</manualIndicator>

<patientDemographicsIO ClassName="com.siemens.med.hs.sf.thirdpartycollection.outbound.SBOPatientDemographicsIO" OID="{477b0a32-1eaf-4364-a236-02c478025910}">

<patienDeceasedInd>false</patienDeceasedInd>

<patientCity>Oldsmar</patientCity>

<patientDOB>1965/08/30</patientDOB>

<patientEmployer ClassName="com.siemens.med.hs.sf.thirdpartycollection.outbound.SBOEmployerIO" OID="{c01c91c1-ea53-4119-8558-74db824cac46}">

<city/>

<name/>

<phoneNo/>

<state/>

<streetAddress/>

<zip/>

</patientEmployer>

<patientGenderCd>Female</patientGenderCd>

<patientMaritalStatus>Single</patientMaritalStatus>

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<patientPhoneNumber>727-5236666 </patientPhoneNumber>

<patientSSN/>

<patientState>Florida</patientState>

<patientStreetAddress>123 MAIN ST</patientStreetAddress>

<patientZip>34677 </patientZip>

</patientDemographicsIO>

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<respBusinessOffcieName>BayCare CBO </respBusinessOffcieName>

<responsiblePayers ClassName="com.siemens.med.hs.sf.thirdpartycollection.outbound.SBOPayerIO" IsIndexed="1">

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<lastPaymentDate>2014/09/24</lastPaymentDate>

<payerShortName>Avmed </payerShortName>

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<priority>1</priority>

<reportingGrouptype>Avmed</reportingGrouptype>

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<totalBalAmt>0.00</totalBalAmt>

<totalPayAmt>0.00</totalPayAmt>

</element>

</responsiblePayers>

</element>

</batchMessages>

<eobIndicator>End of Batch for SBO Financial Credit Svc for 09/25/2014</eobIndicator>

</SBOBatchIO>

</currentBatch>

</StandardBulkControlObject>

</SmsTntBusinessProcessObject>

</serialization>

# **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

Solution was tested in production so there was no pilot phase to this implementation.

## 5.5 Approvals

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

# Appendix A: Risks and Concerns

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Name** |  |  | | |  |  |  |  |
| **Number** | **Risk / Concern** | **Comment** | **Mitigation** | | |  |  |  |
| RC.2013.1.0 | Soarian Software Patches | When Soarian installs a patch it can result in changes to the schema which is generally not communicated to ByaCare. There result can be a validation error and failure to process the files in the engine. | | Full regression must occur with each software patch release but there is no way to test this solution in test according to the product owners. | |  |  |  |

# 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 | Unable to test in production | The product owner could not replicate in test so we had to test in production. | | None | |  |  |  |

* End of document