**BMG/BUC GE Centricity Business to Cerner**

**ADT Requirements**

**Version 1.9**

**Prepared By: Sarah Thies & Art Schwartz**

**Date: 8/1/2018**

[Document Control 3](#_Toc520899625)

[Resources 3](#_Toc520899626)

[Project Distribution List 3](#_Toc520899627)

[Document Version Control 3](#_Toc520899628)

[1. Introduction 4](#_Toc520899629)

[1.1 Purpose 4](#_Toc520899630)

[1.2 Project Scope 4](#_Toc520899631)

[1.3 Terminology Standards 4](#_Toc520899632)

[1.3.1 Acronyms 4](#_Toc520899633)

[1.3.2 Glossary 4](#_Toc520899634)

[1.4 Document References 4](#_Toc520899635)

[2. Diagram 5](#_Toc520899636)

[3. Requirements 6](#_Toc520899637)

[3.1 Functional Requirements (Cerner FSI) 6](#_Toc520899638)

[3.2 Non-Functional Requirements 6](#_Toc520899639)

[3.2.1 Dedicated Encounter Data Flow Requirements 7](#_Toc520899640)

[3.3 Messaging Protocols 7](#_Toc520899641)

[3.3.1 Inbound to the BayCare Cloverleaf 7](#_Toc520899642)

[3.3.2 Outbound to the BayCare Cloverleaf 8](#_Toc520899643)

[3.3.3 Inbound to the Vendor 8](#_Toc520899644)

[3.3.4 Outbound to the Vendor 8](#_Toc520899645)

[4. HL7 Messaging 8](#_Toc520899646)

[4.1 Messaging Format 8](#_Toc520899647)

[4.1.1 Segments 8](#_Toc520899648)

[4.1*.*2 Messaging Event Types 9](#_Toc520899649)

[4.1*.*3 Cloverleaf Configuration Files 9](#_Toc520899650)

[4.1.4 Cloverleaf Site Location 10](#_Toc520899651)

[4.2 Data Transformation Requirements –ge\_cer\_adt 10](#_Toc520899652)

[4.3 Sample Messages 19](#_Toc520899653)

[5. Testing 20](#_Toc520899654)

[5.1. Unit Testing Scenarios 20](#_Toc520899655)

[5.2 Integrated Testing Scenarios 21](#_Toc520899656)

[5.3 Testing Approvals 21](#_Toc520899657)

[5.4 Piloting 21](#_Toc520899658)

[5.5 Approvals 22](#_Toc520899659)

[6. Deployment / Implementation Model 22](#_Toc520899660)

[Appendix A: Risks and Concerns 22](#_Toc520899661)

[Appendix B: Issues List 22](#_Toc520899662)

# **Document Control**

## Resources

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Email** |
| Sarah Thies | BayCare Integration Analyst | Sarah.Thies@baycare.org |
| Art Schwartz | BayCare Integration Analyst | Art.Schwartz@baycare.org |
| Reginah Musyoki-Howell | BayCare Project Manager | Reginah@baycare.org |
| Daniel Alicea | Manager, IS Physician SYS-EPM/GE | Daniel.Alicea@baycare.org |
| Cindy Barone | Supervisor Clinical Systems | Cynthia.Barone@baycare.org |
|  |  |  |

## Project Distribution List

## Document Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Modifier** | **Description** |
| V1.0 | 4/3/2015 | Sarah Thies | Originally Created |
| V1.1 | 4/4/2016 | Art Schwartz | Added A28 to list of message types |
| V1.2 | 4/19/16 | Sarah Thies | Made a ***note*** about phone types |
| V1.3 | 5/10/16 | Sara Thies | Made a ***note*** about disaster flag from Soarian |
| V1.4 | 2/16/2017 | Sarah Thies | Update Non-Functional Requirement centered on blocking outbound messages |
| V1.5 | 2/27/16 | Lois Whitley | Combined BMG and BUC ADT Documentation |
| V1.6 | 3/1/2017 | Art Schwartz | Updated Insurance mapping |
| V1.7 | 3/6/2017 | Tiffany Bohall | Added additionally requested logic per FSI, to hard code additional values in the insurance segment. |
| V1.8 | 3/16/2018 | Art Schwartz | Update requirements and translate table to include new email logic |
| V1.9 | 8/1/2018 | Tiffany Bohall | Added additionally requested logic per FSI, to copy insurance address to a second variable in IN1.7 with the tag “HPADR2” in the second instance of IN1.5.6. |

# 1. Introduction

## 1.1 Purpose

This document outlines the BayCare Medical Group (BMG) and BayCare Urgent Care (BUC) ADT interface from GE Centricity Business to Cerner. All functional requirements needed to support this solution post implementation will be included.

## 1.2 Project Scope

Implement an ADT interface from the GE Centricity Business Practice Management System to the Cerner EMR Application for the BayCare Medical Group (BMG) and BayCare Urgent Care (BUC) providers.

## 1.3 Terminology Standards

### 1.3.1 Acronyms

MLLP – Minimum Lower Layer Protocol for messaging framing a HL7 message.

CPI – Corporate Patient Identifier

Soarian EMPI = Enterprise Master Patient Index = CPI

### 1.3.2 Glossary

List the terms that require definition

## 1.4 Document References

**Cerner Specifications:**

Unit\_08i\_-\_ADT\_Message\_Processing\_Inbound.pdf

**GE Specifications:**

MASTER BYH\_ADT\_Reg\_VM\_FINAL

# 2. Diagram

ADT diagram



# 3. Requirements

## 3.1 Functional Requirements (Cerner FSI)

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.

|  |  |  |
| --- | --- | --- |
|  |  |  |
| **Cerner** |  |  |
| **Number** | **Requirement Name** | **Requirement Description** |
| FR.2015.1.0 | Corporate Patient Identifier (CPI )value | The CPI value is a unique number identifying the patient among all BayCare systems. The CPI is used by Cerner to load balance BMG ADT inbound processing. Cloverleaf will kill messages ***without*** the CPI value. |
| FR.2015.2.0 | PV1-2 Patient Class | GE will send the value ‘O’ for Outpatient and Cloverleaf will change it to the value ‘A’ for Ambulatory and ‘U’ for Urgent Care. Cerner will use the A or U, Ambulatory Patient Class, to identify the Ambulatory population on the ***inbound*** data. It is aliased in Cerner code set 321. |
| FR.2015.3.0 | Admit Date and Location | When GE sends a BUC location with the value 0000 as the Admit Date, Cloverleaf will remove the location value going to Cerner. This keeps the ***scheduled*** patients from displaying on the ***Tracking Shell***. Upon arriving a BUC patient (via SIU), the ADT admit date is valid and the location is passed to display the patient appointment on the Tracking Shell. |
| FR.2015.01 | Kill rebounds | Filter to kill all rebounds. EVN-5 = SIU |
| FR.2017.03.06 | Write to additional FSI tables | Hard code HPPH, HPPH2, HPADR and HPADR2 in IN1.5 and IN1.7 repeating subfield in order for Cerner to write the same values to multiple tables |

## 3.2 Non-Functional Requirements

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

|  |  |  |
| --- | --- | --- |
| **Cerner** |  |  |
| **Number** | **Requirement Name** | **Requirement Description** |
| NFR.2015.1.0 | Scripts: orm\_lab\_outv14 and on Com Server: ORM\_TCP\_BAYC\_OUT | Filter height and weight outbound |
| NFR.2015.2.0 | Scripts: adt\_master\_outv15 and on Com Server: ADT\_TCP\_BAYC\_OUT | Invision Interface Retired - Filter allergies outbound |
| NFR.2017.3.0 | Scripts: adt\_soarian\_out on Comm Server: ADT\_TCPIP\_SOARIAN\_OUT using Source ***Soarian*** | Blocks BMG and BUC messages outbound – includes allergies |
| NFR.2016.4.0 | PID-13, ADT\_TCPIP\_BMG\_IN | ***Note:*** Cloverleaf will repeat the value sent from GE/BMG in the first field found in PID-13 *(because it’s the primary phone)* with subfield 3 type of PREF to indicate Preferred in Cerner. |
| NFR.2016.5.0 | PV1-38, Diet Type | ***Note:*** From Soarian ADT, Cloverleaf will pass the value YES in PV1-38 when there is a disaster. |
| NFR.20183.0 | PID-3 | Kill if no CPI |
| NFR.2018.4  NFR.2018.5 | Language  Consent Obtained | Cerner will handle all language conversions  Consent Obtained info sent in OBX segment |

### 3.2.1 Dedicated Encounter Data Flow Requirements

**\*** There are 3 fields ***total*** for tracking specific encounters like Workers’ Comp and Occupational Medicine. In ADT, there are 2 fields, PV1-4 and PV1-18. In SIU, there is one field, SCH-7.

|  |  |  |
| --- | --- | --- |
| **Cerner** |  |  |
| **Number** | **Requirement Name** | **Requirement Description** |
| FR.2015.3.0 | PV1-4 Admission Type **\*** | GE will send the value WC (Workers’ Comp) and OC (Occupational Medicine) as a means to track these specific encounters. Cerner can alias them in code set 3. |
| FR.2015.4.0 | PV1-18 Visit Type **\*** | GE will send the value OFFW (Workers’ Comp) and OFFO (Occupational Medicine) as a means to track these specific encounters. Cerner will alias them in code set 71. |
| FR.2015.5.0 | Blank out email on A05,A08 | 12/30/14 - per hope K. on A05s and A08s blank out email address |
|  |  |  |

## 3.3 Messaging Protocols

Below are listed the details for the messaging protocols that will be leveraged for this integration. Please see the reference document located on the Integration SharePoint server: <insert link to document here>

### 3.3.1 Inbound to the BayCare Cloverleaf

* TCPIP

### 3.3.2 Outbound to the BayCare Cloverleaf

* TCPIP

### 3.3.3 Inbound to the Vendor

TCPIP

### 3.3.4 Outbound to the Vendor

* TCPIP

# 4. HL7 Messaging

## 4.1 Messaging Format

### 4.1.1 Segments

The segments utilized for this interface are:

MSH

EVN

PID

[PD1]

[{ROL}]

[{NK1}]

PV1

[PV2]

[OBX]

{{DG1}]

{{DRG}]

[PR1]

[{GT1}]

[{

IN1

[IN2]

[IN3]

}]

*Message Construction Notes:*

*[Square Brackets] – Optional*

*{Curly Brackets} – Repeatable*

*MSH – Message Header*

*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^A04 | Register |
| ADT^A05 | Pre-admit |
| ADT^A08 | Update Patient Information |
| ADT^A28 | Add Person Information |
| ADT^A31 | Update Person Information |
| ADT^A38 | Cancel Pre-admit |

### 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.

Xlate - ge\_cer\_adt

9/14/16: Xlate was updated as follows:

GE Centricity Business to Cerner ADT:

The first phone number is the preferred number:

If the phone number is the primary home phone or a cell phone (HOM or CEL), copy the phone number to the temp variable @Pref.

Format the phone numbers:

If the phone number is the primary home phone or a cell phone (HOM or CEL), format the phone number as phone number and use code ((727)399-0167^^HOM).

Add the preferred phone number to the end of the phone number list ((813)737-4896^^HOM~(813)365-2017^^CEL~(813)737-4896^^PREF).

Note: If the phone number does not have a designated use code from GE, the phone number is skipped (|^(727)828-9235|).

**Format Email Address:**

Email fields always go in the second iteration of PID-11

Do not send email on A05 or A08 messages

Put Email address in PID-11 1st sub Field (convert to Lower Case)

Put “EMAIL” in PID-11 7th sub Field

If email = NONE, None or none

Put none@baycare.org in email field and EMAIL in 7th sub field

### 4.1.4 Cloverleaf Site Location

**C30**

SITE: **bmg\_1** & THREAD: **adt\_cer\_out\_crt\_T**

**P30**

SITE: **bmg\_1\_p** & THREAD: **adt\_cer\_out**

## 4.2 Data Transformation Requirements –ge\_cer\_adt

| **Field Description** | **HL7 Field Loc.** | **Required Y/N** | **Data Type** | **Length** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| MSH segment | MSH | Y |  |  | Pathcopy MSH |
| Sending Application | MSH-3 | Y |  |  | =BMG |
| Sending Facility | MSH-4.1 | Y |  |  | = BAYCARE |
| Receiving Application | MSH-5 | Y |  |  | =HNAM |
| Receiving Facility | MSH-6 | Y |  |  | =BMG |
| Sequence Number | MSH-13 | Y |  |  | Null out |
| Event Type | EVN-1 | Y |  |  | Copy  If EVN-1 = A38  Copy date from MSH-7  to PV1-45 discharge date  PV1- 5 preadmit number  To PID-18 (pat acct Number) |
| Recorded Date/time | EVN-2 | Y |  |  | Copy |
| Operator ID | EVN-5 | Y |  |  | Copy |
| Event facility | EVN-7 | Y |  |  | Copy |
| Set ID | PID-1 | Y |  |  | Copy |
| Patient ID | PID-2 | Y |  |  | Copy from PID-3  BCCPI to 5th sub-field |
| Patient Identifier list | PID-3 | Y |  |  | Copy, If empty then kill (No CPI)  BMGMRN to 5th sub-field first iteration  CPI to 5th sub-field second iteration |
| Patient Name | PID-5 | Y |  |  | Copy |
| DOB | PID-7 | Y |  |  | Copy |
| Gender | PID-8 | Y |  |  | Copy |
| Race | PID-10 | Y |  |  | Copy |
| Address | PID-11 | Y |  |  | Copy  If the 2nd line of address is null copy in "" |
| Address – city | PID-11.3 | Y |  |  | Test for bad cities thru table Inv\_bad\_cities |
| Phone Number | PID-13 | Y |  |  | Phone logic – see note above |
| Email | PID-13 | Y |  |  | Email logic – see note above |
| Language | PID-15 | Y |  |  | Copy |
| Marital Status | PID-16 | Y |  |  | Copy |
| Religion | PID-17 | Y |  |  | Copy |
| Patient Acct Number | PID-18 | Y |  |  | Copy, BMGFN to 5th sub-field  If A38 copy from PV1-5 (pre-admit number) |
| SS number | PID-19 | Y |  |  | Copy – remove any dashes |
| Ethnic Group | PID-22 | Y |  |  | Copy |
| Patient Death date/Time | PID-29 | Y |  |  | Copy |
| Patient Date indicator | PID-30 | Y |  |  | Copy |
| PCP | PD1-4 | Y |  |  | Copy |
| Protection Indicator | PD1-12 | Y |  |  | Copy |
| Place of Worship | PD1-14 | Y |  |  | Copy |
| Action Code | ROL-2 | Y |  |  | Copy |
| Role | ROL-3 | Y |  |  | Copy |
| Role Person | ROL-4 | Y |  |  | Copy |
| Set ID | OBX-1 |  |  |  | If PD1-12 =Consent Obtained  Copy “1” |
| Value Type | OBX-2 |  |  |  | If PD1-12 =Consent Obtained  Copy “CE” |
| Observation identifier | OBX-3 |  |  |  | If PD1-12 =Consent Obtained  Copy “CE” |
| Observation Value | OBX-5 |  |  |  | If PD1-12 =Consent Obtained  Copy “Y” |
| Set ID | NK1-1 | Y |  |  | Copy |
| Name | NK1-2 | Y |  |  | Copy |
| Relationship | NK1-3 | Y |  |  | Copy |
| Address | NK1-4 | Y |  |  | Copy |
| Phone Number | NK1-5 | Y |  |  | Copy  2nd subfield to 1st sub field  1st subfield to 3rd sub field |
| Contact Role | NK1-7 | Y |  |  | Copy |
| Set ID | PV1-1 | Y |  |  | Copy |
| Patient Class | PV1-2 | Y |  |  | Thru UC-org table from PV1-3 Changed to A for BMG  O changed to U for Urgent Care |
| Patient Location | PV1-3 | Y |  |  | If not null copy from outbound MSH-6, 3rd and 6th subfields |
| Admission Type | PV1-4 | Y |  |  | Copy |
| Attending Doctor | PV1-7 | Y |  |  | If MS, RS, B or S copy MS to 9th Sub field |
| Referring Doctor | PV1-8 | Y |  |  | If MS, RS, B or S copy MS to 9th Sub field |
| Hospital Service | PV1-10 | Y |  |  | Copy |
| Admit Source | PV1-14 | Y |  |  | Copy |
| VIP indicator | PV1-16 | Y |  |  | If Y copy V to ZPI-21 |
| Patient Type | PV1-18 | Y |  |  | Copy |
| Fin Class | PV1-20 | Y |  |  | Copy |
| Discharge Disposition | PV1-36 | Y |  |  | Copy |
| Admit Date | PV1-44 | Y |  |  | copy |
| Discharge Date | PV1-45 | Y |  |  | Copy on A38 copy from MSH7 |
| Other healthcare Provider | PV1-52 | Y |  |  | Copy, PCPE to 13th sub field  If MS move it to 9th sub fiekd else move NPI |
| Accommodation Code | PV2-2 | Y |  |  | Copy |
| Admit Reason | PV2-3 | Y |  |  | Copy 2nd sub field to 2nd sub filed |
| Visit User Code | PV2-7 | Y |  |  | Copy |
| Expected Admit date | PV2-8 | Y |  |  | Copy |
| Expected Discharge date | PV2-9 | Y |  |  | Copy |
| Referral source | PV2-13 | Y |  |  | Copy |
| Employment Illness related Indicator | PV2-15 | Y |  |  | Copy |
| Visit protection Indicator | PV2-22 | Y |  |  | =CONFIG |
| Set ID | DG1-1 | Y |  |  | Copy |
| Diagnosis Code | DG1-3 | Y |  |  | Copy |
| Diagnosis Type | DG1-6 | Y |  |  | Copy |
| Major Diagnosis Category | DG1-7 | Y |  |  | Copy |
| Diagnosis Priority | DG1-15 | Y |  |  | Copy |
| Set ID | PR1-1 | Y |  |  | Copy |
| Procedure Code | PR1-3 | Y |  |  | Copy |
| Procedure date | PR1-5 | Y |  |  | Copy |
| Anesthesiologist | PR1-8 | Y |  |  | Copy |
| Anesthesia code | PR1-9 | Y |  |  | Copy |
| Surgeon | PR1-11 | Y |  |  | Copy |
| Procedure Code Modifier | PR1-16 | Y |  |  | Copy |
| Procedure DRG Type | PR1-17 | Y |  |  | Copy |
| Tissue Type Code | PR1-18 | Y |  |  | Copy |
| Set ID | GT1-1 | Y |  |  | Copy |
| Guarantor Number | GT1-2 | Y |  |  | Copy |
| Guarantor Name | GT1-3 | Y |  |  | Copy |
| Guarantor Address | GT1-5 | Y |  |  | Copy,  if null copy PID-11 |
| Guarantor Ph Number | GT1-6 | Y |  |  | Copy |
| Guarantor DOB | GT1-8 | Y |  |  | Copy |
| Guarantor Gender | GT1-9 | Y |  |  | Copy |
| Guarantor SS Number | GT1-12 | Y |  |  | Copy |
| Guarantor Priority | GT1-15 | Y |  |  | Copy |
| Guarantor Employer Name | GT1-16 | Y |  |  | Copy |
| Guarantor Employer address | GT1-17 | Y |  |  | Copy |
| Guarantor Employer Phone Number | GT1-18 | Y |  |  | Copy |
| Guarantor Employee ID | GT1-19 | Y |  |  | Copy |
| Guarantor Employment Status | GT1-20 | Y |  |  | Copy |
| IN1 segment |  |  |  |  | 8/7/14 It should be if IN1;2, IN1;3 and IN1;4 are blank then don’t send. IN2 and IN3 are supplemental to IN1, so I would say if the IN1 fields aren’t valued then there is no reason to send that insurance group to Cerner.  Thanks,  Mike Hulett |
| IN1 Segment |  |  |  |  | Pathcopy Segment |
| Set ID | IN1-1 | Y |  |  | Copy to IN1-22 |
| Insurance Plan ID | IN1-2 | Y |  |  | Copy IN1-3 |
| Insurance Company ID | IN1-3 | Y |  |  | Copy IN1-2 |
| Insurance Company Name | IN1-4 | Y |  |  | Copy IN1-9 |
| Insurance company address –address type | IN1-5.6 | Y |  |  | =HPADR in subfield 1 and HPADR2 in subfield 2 (per FSI request) |
| Insurance company phone Number | IN1.7.1 | Y |  |  | Copy and hard code HPPH in subfield 1 (per FSI request) |
| COB Priority | IN1-22 | Y |  |  | Copy from IN1-1 |
| IN2 Segment |  |  |  |  | Pathcopy Segment |
| IN3 Segment |  |  |  |  | Pathcopy Segment |
| Accident Date and time | ACC segment |  |  |  | Copy |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

## 4.3 Sample Messages

**Cerner**

**Standard Outbound (Post Cloverleaf):**

MSH|^~\&|BMG|BAYCARE|HNAM|WAU|201503251032||ADT^A04|63636\_83\_AO|P|2.3||||||ASCII

EVN|A04|201503251032|||B107926TEST\*EPMS

PID|1|300135609^^^^BCCPI|27786^^^^BMGMRN~300135609^^^^CPI||GRIFFIN^OCMD||19920101|F||WHT|24 HAPPY DAYS DRIVE^^SAINT PETERSBURG^FL^33713~NONE^^^^^^EMAIL||(727)527-7878^^HOM||ENG|U||6841^^^^BMGFN|147885555|||NOT

PD1||||MS060343^WALDREP MD^N^KEITH

PV1|1|U|WAU^^^WAU^^^WAU|OC|||RS7038^BUCPROV^WAU^^^^^^MS|MS060343^WALDREP MD^N^KEITH^^^^^MS||\*NA||||PHY||N|^^^^^^^^NONE|OFFO||SELF PAY||||||||||||||||||||||||201503251030|0000|||||||MS060343^^^^^^^^MS^^^^PCPE

PV2||S|^OCC MED PHYSICAL||||2|||||||||||||||CONFID

GT1||1|GRIFFIN^OCMD||24 HAPPY DAYS DRIVE^^SAINT PETERSBURG^FL^33713||||||SEL||||1

MSH|^~\&|BMG|BAYCARE|HNAM|CWU|201504011039||ADT^A05|63643\_79\_PA|P|2.3||||||ASCII

EVN|A05|201504011039|||IDX\*EPMS

PID|1|300135921^^^^BCCPI|0028377^^^^BMGMRN~300135921^^^^CPI||EXCEPTION^JOE||19731212|M||NAT|1234 5TH STREET^^AURORA^CO^80010^^HOME||(546)765-5637^^CEL||ALB|S||6883^^^^BMGFN|435876654|||HIS

PD1||||1598767907^ABADY^ROBERT

PV1|1|U||UR|||RS7033^BUCPROV^CWU^^^^^^MS|MS062953^ABUAN MD^JAIME^D^^^^^NONE||\*NA||||PHY||N|^^^^^^^^NONE|OFFU||SELF PAY||||||||||||||||||||||||0000|0000

PV2||S|^sprained wrist||||1|201504010800||||||||||||||CONFID

GT1||1|EXCEPTION^JOE||1234 5TH STREET^^AURORA^CO^80010||||||SEL||||1

MSH|^~\&|BMG|BAYCARE|HNAM|CBC|201703061227||ADT^A08|64348\_118\_PV|P|2.3||||||ASCII

EVN|A08|201703061227|||B104137TEST\*EPMS

PID|1|810010267^^^^BCCPI|61930^^^^BMGMRN~810010267^^^^CPI||TEST^INSCIG||19770610|F||WHT|123 CIG STREET^^LARGO^FL^33778^^HOME||(727)444-7874^^HOM~(727)444-7874^^PREF||ENG|U||2983869^^^^BMGFN|456457924|||HIS

PD1||||MS003906^BLUMENCRANZ MD^PETER^W

PV1|1|A|CBC^^^CBC^^^CBC|EL|||MS003906^BLUMENCRANZ MD^PETER^W^^^^^MS|MS003906^BLUMENCRANZ MD^PETER^W^^^^^MS||\*NA||||PHY||N||OFFC||MANAGED CARE||||||||||||||||||||||||201703060800|0000|||||||MS003906^^^^^^^^MS^^^^PCPE

PV2||S|^TEST INS||||2|||||||||||||||CONFID

GT1||1|TEST^INSCIG||123 CIG STREET^^LARGO^FL^33778||||||SEL||||1

IN1|1|CG003|A022||PO BOX 182223^^CHATANOOGA^ TN^37422-7223^^HPADR~PO BOX 182223^^CHATANOOGA^ TN^37422-7223^^HPADR2||(800)244-6224^HPPH~(800)244-6224^HPPH2||CIGNA HEALTHCARE POS||||||B|TEST^INSCIG|SEL|19770610|123 CIG STREET^^LARGO^FL^33778|||1|||||||||||||A022|13245789||||||UNK|F

IN2|1|456457924|||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||(727)444-7874

IN3|1|13245789

MSH|^~\&|BAR|IDX|HIS|HCI|201604010652||ADT^A28|64009\_897\_RN|P|2.3||||||ASCII|

EVN|A28|201604010651|||SIU|

PID|1||810000573^0050817^810000573||DILLARD^NEHEMIAH^^^^||19820629|F||||||||U|||||||||||||||

PD1|||||

PV1|1|O||||||||||||||N||||||||||||||||||||||||N||||0000|0000||||||||

PV2||||||||||||||||||||||N|

GT1|1||||||||||SEL||||1||||||

ZEI|1|||||||||||

ACC|||||

ZAI|||||||||||

MSH|^~\&|BMG|BAYCARE|HNAM|CWU|201504011039||ADT^A31|63643\_82\_IM|P|2.3||||||ASCII

EVN|A31|201504011039|||IDX\*EPMS

PID|1|300135921^^^^BCCPI|0028377^^^^BMGMRN~300135921^^^^CPI||EXCEPTION^JOE||19731212|M||NAT|1234 5TH STREET^^AURORA^CO^80010^^HOME~jexception@gmail.com^^^^^^EMAIL||(546)765-5637^^CEL||ALB|S||6883^^^^BMGFN|435876654|||HIS

PD1||||1598767907^ABADY^ROBERT

PV1|1|U||UR|||RS7033^BUCPROV^CWU^^^^^^MS|MS062953^ABUAN MD^JAIME^D^^^^^NONE||\*NA||||PHY||N|^^^^^^^^NONE|OFFU||MANAGED CARE||||||||||||||||||||||||0000|0000

PV2||S|^sprained wrist||||1|201504010800||||||||||||||CONFID

GT1||1|EXCEPTION^JOE||1234 5TH STREET^^AURORA^CO^80010||||||SEL||||1

MSH|^~\&|BMG|BAYCARE|HNAM|NPU|201504060215||ADT^A38|63648\_1\_PC|P|2.3||||||ASCII

EVN|A38|201504060215|||SYS$$

PID|1|300134959^^^^BCCPI|24902^^^^BMGMRN~300134959^^^^CPI||GREEN^AETNA||19750828|F||DEC|1211 SUMMER SPLASH RD^^DUPONT^CO^80024~NONE^^^^^^EMAIL||(678)344-6721^^CEL||ENG|U||6439^^^^BMGFN|212512510|||DEC

PD1||||MS060343^WALDREP MD^N^KEITH

PV1|1|U||UR|||RS7034^BUCPROV^NPU^^^^^^MS|MS060343^WALDREP MD^N^KEITH^^^^^NONE||\*NA||||PHY||N|^^^^^^^^NONE|OFFU||MANAGED CARE||||||||||||||||||||||||0000|201504060215

PV2||S|^SICK||||4|||||||||||||||CONFID

DG1|1

GT1|||||1211 SUMMER SPLASH RD^^DUPONT^CO^80024

# **5. Testing**

## 5.1. Unit Testing Scenarios

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

## 5.2 Integrated Testing Scenarios

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

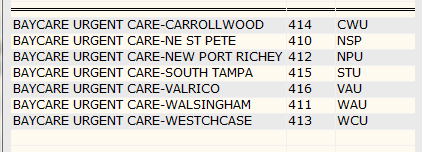
## 5.3 Testing Approvals

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

## 5.4 Piloting

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

SUNCOAST for BMG



## 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