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PLDT – 3c – AIA

Sim Registration

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# Overview

## Scope of Document

This document and its appendices provide the reader with detailed information about Amdocs AIA solution for DMND0009566 Sim Registration CVM Communication Channels.

The document along the related documentation should provide all the information required by Amdocs AIA to perform the software configuration and customization.

## Related Documentation

The following documents will assist the reader in obtaining a broader understanding of the subject-matter of this document:

| DC# | Document Name |
| --- | --- |
| 4370465 | HLD DMND0009566 Sim Registration PRJ0014023 Inbox API v1.0.docx |
| 4370466 | PLDT - Trident – 3c – GL App Inbox - IDD |
| 3900642 | PLDT – Trident – 3c3 – Activities Extract - IDD |
| 4276269 | PLDT - Trident - 3c - Mulesoft - IDD |
|  |  |
|  |  |

## Terms and Definitions

Following is a list of terms used in this document with which the reader should be familiar:

| Term/Acronym | Definition |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Assumptions

| **Ass ID#** | **Description** |
| --- | --- |
| GA-001 | Solution is applicable to Wireless and Home customers (with wireless services).   | **Brand / Service** | **Profile in AIA** | | --- | --- | | Smart Postpaid | Postpaid | | Smart Prepaid | Prepaid | | Smart Bro Postpaid | Postpaid | | Smart Bro Prepaid | Prepaid | | Smart Infinity | Postpaid | | TNT | Prepaid | | Ultera | Home | | Home Prepaid WiFi | Prepaid | | Home Wireless Postpaid (WiFi) | Home | | PLP (Prepaid Landline, Wireless) | Prepaid | | PLP (Postpaid Landline, Wireless) | Home | | PLDT Smart BRO Pocket Wifi (bundled with PLDT Home) | Home | | PLDT Smart GSM Postpaid (bundled with PLDT Home) | Home | | PLDT Smart BRO Pocket Wifi (bundled with Ultera) | Home | |

# Customer Profile

## Overview

The section describes the changes to the customer profile.

## Related IDDs

profiles-3c3

## General Requirements

### Customer Profile

Below applies to the following profile types: Prepaid, Postpaid, Home

| **Name** | **Label** | **Type** | **Description** |
| --- | --- | --- | --- |
| simRegistrationDate | SIM Registration Date | Date | SIM registration date |
| simRegValidationDate | SIM Registration Validation Date | Date | SIM registration validation date |
| simRegUpdateDate | SIM Registration Update Date | Date | SIM registration update date |
| simRegistrationFlag | SIM Registration Flag | String | Will include the value ‘Yes’ if the SIM was registered. |
| simRegValidationFlag | SIM Registration Validation Flag | String | Will include the value ‘Yes’ if SIM registration was validated. |
| simRegUpdateFlag | SIM Registration Update Flag | String | Will include the value ‘Yes’ if SIM registration was updated. |

# GL App Inbox Notification

## Overview

This section describes the solution for sending GL App inbox notifications.

As part of this project a new outgoing communications entity will be defined.

Scope for this capability is applicable to all Wireless Prepaid and Postpaid brands (home is not supported by GL App).

## Related IDDs

PLDT - Trident – 3c – GL App Inbox - IDD

## Solution

### Entity Details

New communication message will be defined:

1. GlAppInboxMessage

**Label:** GL App Inbox Message

**Target Profiles:** PrepaidSubscription, Subscriber

**Self-care details tokens:** Template ID: $templateId$

**Analytics details tokens:** Template ID:$templateId$

#### Fields Definition

Below attributes are exposed to the business user:

| **Attribute** | **Label** | **Type** | **M/O** | **Description** |
| --- | --- | --- | --- | --- |
| templateIdExt | Template ID | String | M | The template ID |
| attributeName1  attributeName2  …  attributeName10 | Attribute Name 1 | String | O | Placeholder for 10 dynamic attributes.  The attribute name will be populated. |
| attributeValue1  attributeValue2  …  attributeValue10 | Attribute Value 1 | String | O | Placeholder for 10 dynamic attributes.  The attribute value will be populated. |

#### Internal Fields Definition

Below attributes are not exposed to the business user:

| **Attribute** | **Type** | **M/O** | **Description** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |

### Instance Configuration

N/A

### Activities Extract

The new communication will be included in the Activities Extract (towards GDF).

Details are in ‘PLDT – Trident – 3c3 – Activities Extract – IDD’.

### Other Aspects

The sender plugin should support a configurable max TPS.

Validation before creating the message: based on profile attribute (doesn’t exist yet)

# SIM Registration Events

## Overview

This section describes the solution for consuming SIM registration events.

SIM registration events will be sent to AIA via an online interface. A file-based interface will be used for fallout scenarios.

The following events will be collected:

* SIM Registration Update

## Related IDDs

PLDT - Trident - 3c - Mulesoft - IDD

## Scope

The change is applicable for Prepaid, Postpaid and Home subscriptions.

## Target Events

Below new events will be defined for this solution:

* PrepaidSubscriptionSIMRegUpdate
* PostpaidSubscriptionSIMRegUpdate
* HomeSubscriptionSIMRegUpdate

### Target Profiles

Target Profiles: PrepaidSubscription, Subscriber, HomeSubscription

### Events Generation Logic

| **ID#** | **Description** |
| --- | --- |
|  | One event will be generated for a single API call or record in the file.  For file interface, EventType should equal to “SimRegUpdate”. |
|  | Event for Prepaid, Postpaid or Home subscription will be generated based on the mapping of brand to profile. Refer to table at ‎1.4. |

### Events Filtering Logic

| **ID#** | **Description** |
| --- | --- |
|  | N/A |

### Event Definition

| **Attribute** | **Type** | **M/O** | **Calculation Logic** | Criteria | Updates Attribute |
| --- | --- | --- | --- | --- | --- |
| subscriberId | String | M | Lookup to the profile ID in Engage  From IDD - MSISDN | N | N |
| eventTime | DateTime | M | Generic attribute mapped to ‘Effective Time’  Populate with system time | N | N |
| transactionType | String | M | From IDD – Transaction Type | Y | N |
| simRegistrationDate | DateTime | M | From IDD – Registration Date | Y | Y |
| simRegValidationDate | DateTime | O | From IDD – Validation Date | Y | Y |
| simRegUpdateDate | DateTime | O | From IDD – Update Date | Y | Y |

### Events Processing Logic

| **ID#** | **Description** |
| --- | --- |
|  | Full processing |
|  |  |

### Calculated Attributes

| **Attribute** | **Type** | **Calculation Logic** | Criteria | Updates Attribute |
| --- | --- | --- | --- | --- |
| simRegistrationFlag | String | If simRegistrationDate <> NULL then ‘Yes’ else NULL | Y | Y |
| simRegValidationFlag | String | If simRegValidationDate <> NULL then ‘Yes’ else NULL | Y | Y |
| simRegUpdateFlag | String | If simRegUpdateDate <> NULL then ‘Yes’ else NULL | Y | Y |

## Additional Details

The plugin listener should support CSOG guidelines including parameters validation.

# Open Issues

|  |  |  |  |
| --- | --- | --- | --- |
| OI ID# | Description | Status | Actions |
| 1. 1 |  |  |  |
|  |  |  |  |