Software Release Report- InAppPurchase (Android) – PI17.1

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| **Document History** | | | | |
| **Version** | **Date** | **Author** | **Section** | **Changes** |
| 1.0 | 29/04/2016 | Chithra Boopalan | All | Release notes for PI16.1 release |
| 2.0 | 13/05/2016 | Chithra Boopalan | All | Release notes for PI16.2 release |
| 3.0 | 25/07/2016 | Chithra Boopalan | All | Release notes for PI16.3 release |
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| **Administrative Information** | | | |
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**For Code**

**Product : InAppPurchase**

**Release Version :** **v5.2.5 (Android)**

**Release Date: 03-March-2017**

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# **Release Description**

* The intention of this release (PI17.1 candidate) is to integrate the InAppPurchase component with the Vertical, to access the below features mentioned (refer to the major features section). This release is intended for the End User in Production Environment.
* Release has been done via Artifactory and link for the component is [here](http://maartens-mini.ddns.htc.nl.philips.com:8081/artifactory/webapp/browserepo.html?3).
* InAppPurchase integration document can be found [here](https://share-intra.philips.com/sites/STS20151202191512/_layouts/15/start.aspx#/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2Fsites%2FSTS20151202191512%2FShared%20Documents%2FReleases%2FPI%2D3%2FAndroid&FolderCTID=0x01200050E475B1CA9E7844AB65467E138A897D&View=%7B007A4DC8%2D8104%2D44D3%2D9FC1%2D955C14AA02DC%7D)

# **System Requirements / Configuration**

Android Phones with OS version: 4.4 and above.

Other Libraries and frameworks:

* Gson 2.2.4
* Philips UIKit 3.7.4
* Philips Registration 8.4.5
* PRX 3.1.4
* Junit 4.12
* Mockito 1.10.17
* Roboelectric 3.0
* Android assertj 1.1.1

# **Installation and integration**

* Download the InAppPurchase Library from Artifactory and add to your project.
* Please refer Integration guide for more details

# **Pre-Requisite**

* The user should have registered already using User registration component to access the InAppPurchase component.

# **IAP Release variation**

* AddToCart Flow (i.e., Hybris flow)
* Retailer Flow

# **Major Features for PI17.1 release**

### **Service Discovery**

This feature fetches the base URL for the current country using the App Infra API. App Infra in turn gets the URL from the server.

IAP chooses either Hybris or Retailer flow based on the value of the service discovery value.

**Localization support**

Localization support has been added to InAppPurchase component. Now it supports more than 40 countries languages. Based on vertical proposition language support, language will be loaded for InAppPurchase.

### **Buy from Retailer Variation**

This feature provides an option on the product detail screen which allows the user to buy from other retailers. Below are the possible flows when the user selects this option:

* The list of retailers other than the “Philips Flagship store” is shown for “Hybris flow”. The user can then select one of the retailers to buy the product
* The list of retailers including the “Philips Flagship store” is shown for “Retailer flow”. The user can then select one of the retailers to buy the product
* If the product is available only in the “Philips Flagship store”, then the product detail web page is directly shown without any need to select the retailer.

# **Feature implemented from the past PI’s**

### **Product Catalogue**

This feature displays the list of products available in the store for the selected country. The products are displayed to the user with the product name, price, image and the discounted price. The user can view the detailed description about the product by using the “info” option given in this screen.

### **Product Detail**

In this screen, the user can view the detailed description about the product. The user can add the product to the cart by using the “Add to Cart” option provided. The user will be taken to the Shopping cart screen after adding the product to the cart so that he/she can proceed to checkout.

### **Buy from Retailer**

This feature provides an option on the product detail screen which allows the user to buy from other retailers. When the user selects this option the list of retailers is shown. The user can then select one of the retailers to buy the product.

### **Shopping Cart**

This screen displays the list of products which have been added to the cart by the user. This screen shows the product cost, product quantity added and gives the option to edit the quantity. The products which are not available are labelled as “Out of stock”. The delivery cost and tax are displayed if the address is already added. The user can delete products or view their details with the “Delete” and “Info” options respectively.

### **Shipping Address**

This feature allows the user to enter the address to which the product should be delivered. Based on the user’s locale, the country field in this screen is auto populated and cannot be editable since international shipping is not in scope.

### **Billing Address**

This feature allows the user to enter a new billing address or choose the “same as shipping address” option to pre-populate the address.

### **Address Selection**

This screen lists the delivery addresses which have been already added by the user. The user can then select one of them using “Deliver to this address” or can add the new delivery address using “Add new address”. The address can be deleted or edited by using the option “Delete” and “Edit” provided in this screen for every address respectively.

### **Payment Selection**

This screen list the Payment methods which has been added by the user so that the user can select any one of them using “Use this payment” or can add new payment by using “Add new payment”.

### **Order Summary**

This screen summarizes the order so that the user can verify the details like Products added, cost, shipping address, billing address, delivery mode and tax information before proceeding with the payment. Here the user can also edit the delivery mode with the edit option. The user can proceed with the payment by using “Pay now” option. The user will be navigated to world pay screen where he can enter the credit card details to make payment.

### **Payment Confirmation**

This screen displays the payment status after the user made payment. The confirmation status can be Success, failure or cancelled. The user will be shown the respective message as per the status from the World pay.

### **Order History**

This screen list the orders placed by the user so that he/she can view the orders. The Orders can also be tracked using the option “Track order”.

### **CVV/CVC**

This feature improves security while making payment with the stored payment method. This is done by requesting the user to enter the CVV/CVC number in the dialog displayed.

### **Cancel Order**

This feature allows the user to cancel an order by giving an option to call customer care.

### **Buy Direct**

This feature eases the user’s effort by directly checking out the chosen product with the previous address and payment method. The user is then taken to the Order summary screen to verify the details and proceed to payment.

# **Valid Test Credit cards for payment**

Below are the test credit cards that can be used for purchasing. They can be used with any future expiry date and CVV code. These credit cards work for TEST/ ACCEPTANCE server of Hybris but not for production.

1. VISA – 4111 1111 1111 1111, 4444 3333 2222 1111
2. MAESTRO – 6759 6498 2643 8453
3. AMEX - 3700 002000 00000
4. ECMC - 5555 5555 5555 4444, 5454 5454 5454 5454.

# **Limitation**

Hybris server is not available. Thus, even though IAP supports Hybris flow, users will not be able to access it.