Software Release Report- Product Registration

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| **Document History** | | | | |
| **Version** | **Date** | **Author** | **Section** | **Changes** |
| 1.0.0 | 16-05-2016 | Deepthi | All | Release version 1.0.0 |
| 1.0.1 | 02-06-2016 | DV Ravikumar | All | Release version 1.0.1 |
| 1.1.0 | 26-07-2016 | DV Ravikumar | All | Release version 1.1.0 |
| 2.0.0 | 04-10-2016 | Abhishek Chatterjee | All | Release version 2.0.0 |
| 2.1.0 | 04-12-2016 | Abhishek Chatterjee | All | Release version 2.1.0 |
| 2.2.0 | 20-02-2017 | Abhishek Chatterjee | All | Release version 2.2.0 |
| 3.1.0 | 08-05-2017 | Abhishek Chatterjee | All | Release version 3.1.0 |
| 3.2.0 | 03-07-2017 | Abhishek Chatterjee | All | Release version 3.2.0 |
| 4.0.0 | 20-10-2017 | A Viswaradh Reddy | All | Release version 4.0.0 |
| 2017.5.0 | 16-01-2018 | Sagarika Barman | All | Release version 2017.5.0 |

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| Administrative Information | | | |
| Project Name | Product Registration (Common component) | Project Identification | NA |
| Project Leader | A Viswaradh Reddy | Date | 16-January-2018 |
| Quality Leader | Vinay | Form Filled by | Sagarika Barman |
| Name  Address  Phone  Fax | All Project in CDPP | | |

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| **Authorisation** | |
| Quality Leader Signature | Project Leader Signature |
| Vinay | A Viswaradh Reddy |

**Product : Product Registration**

**For Code:**

**Release Version :**  **2017.5.0**

User manual (Optional): ProductRegistration\_Integration\_Document\_iOS\_PI17.5\_V2017.5.0.docx

Customer Version ID (Optional): NA

# **Release Description:**

Product registration is a common component developed both on Android and iOS platform.

# The component allows users to register the product and fetch the list of registered products.

Version number of this release is 2017.5.0

# **Source code Links:**

http://tfsemea1.ta.philips.com:8080/tfs/TPC\_Region24/CDP2/\_git/prg-ios

# **System Requirements / Configuration:**

IOS version: > 9.0.

# **Supported features:**

1. Product registration component allows registered users to register the product.
2. Product registration has three different variants which are semi-automatic, fully automatic and manual. Out of these we support semi-automatic and manual use cases currently where application will either fetch CTN and serial number from appliance or app can have UI screens to register the product manually.
3. We also store products to be registered offline in local cache.
4. The component has APIs to retrieve the list of registered products. The list also includes the products which are stored in local cache for offline processing other than remotely registered products.

Registered products can be differentiated based on state which is either PENDING or FAILED or REGISTERED.

1. User is allowed to register the products without signing in. The component registers the products automatically once the user signs in.
2. Product Registration UI is available as micro app supporting semiautomatic flow

**Changes from 1.0.0 to 1.0.1:**

1. Not retrying registration for the products which are failed due to Invalid serial number error
2. Not caching products which are failed due to Invalid date of purchase or required purchase date errors

**Changes from 1.0.1 to 1.0.2:**

1. Fixed crash issue when serial number format is nil

**Changes from 1.0.2 to 1.1.0:**

1. Product Registration is developed with user interface as per the semi-automatic UX flow
2. As part of this PI release single product registration is supported

**Changes from 1.1.0 to 2.0.0:**

1. Consumed new AppInfra APIs for setting the configuration.
2. Implemented and provided new interface for initializing Registration component as per AppFramework guidelines.
3. Locally cached registered products are encrypted.
4. Bug fixes.

**Changes from 2.0.0 to 2.1.0:**

# Design Updates and Fixes. Incorporating new screens like Find Serial Number and Success screen.

# Tech Backlog: iOS 10 fixes/upgrades

**Changes from 2.1.0 to 2.2.0:**

1. App Infra Integration Service discovery.
2. Changing the dependency from UAPP to APP Framework.
3. New changes from AppInfra on PRX. PRX framework added as independent dependency.
4. Product registration china support.

**Changes from 2.2.0 to 3.1.0**

1. Swift Support 3.0
2. Defect fixes

**Changes from 3.1.0 to 3.2.0**

1. Defect fixes
2. [Bug 22546:](http://tfsemea1.ta.philips.com:8080/tfs/TPC_Region24/CDP2/_workitems/edit/22546) [IOS]Communication Error is seen in Register your Product page.
3. Bug 23094: PR - App Crashes when selecting Google Plus
4. Bug 37247: iOS ProductRegistration crash
5. Bug 23127: [Regression] Incorrect serial number format for some products under 'Where can i find my serial number'
6. Bug 54196: ProductRegistration crash (2)
7. Bug 15452: [E2E]: User is directed to UK URL, when selected customer support/privacy notes from the registration mail

**Changes from 3.2.0 to 4.0.0**

1. DLSification of UI

**Changes from 4.0.0 to 2017.5.0**

1. AppInfra REST client integration
2. API versioning

**Eg list of APIs:**

**Fetch product metadata:** https://acc.philips.com/prx/registration/%sector%/ar\_RW/%catalog%/products/%ctn%.metadata

**Fetch product summary data:** https://acc.philips.com/prx/product/%sector%/ar\_RW/%catalog%/products/%ctn%.summary

**Fetch all products:**

https://acc.philips.com/prx/registration.registeredProducts

**Register product:**

https://acc.philips.com/prx/registration/%sector%/ar\_RW/%catalog%/products/%ctn%.register.type.product

# **Known issues:**

1. Offline registration is not completely supportive in case of manual registration since user may have to re-enter the data in case registration fails due to invalid data.
2. Error codes sent from PRX server may not be consistent and product registration may propagate same errors back to applications which is received from PRX.
3. Data is verified on Janrain side but E2E testing is pending w.r.t all other systems

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