Open Issues and/or Actions

No open issues

|  |  |
| --- | --- |
| **Open Issue** | **Issue description** |
| NA | NA |

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# Document Introduction

## Purpose

This document describes the requirements for the Easy Wi-Fi Setup UX component.

## Scope

This document describes the requirements for work completed in PI 17.5 on the Easy Wifi Setup UX component.

## References

| **Reference** | **Identification** | **Title / additional remarks** |
| --- | --- | --- |
| CNW | JohSun-20160321-01V01 | Requirements WiFi Connectivity Node |

## Terminology & Abbreviations

| **Terminology & Abbreviations** | **Description/Definition** |
| --- | --- |
| Appliance | A device which includes a DI Comm connectivity node and allows communication over a supported channel. |
| CommLib | The component marked CML in the CDP² platform. |
| DLS | Design Language System, a style of visual design mandatory for Philips. See CDP2 | Mobile Platform Design Specifications. |

# Overview

The components in scope together provide a technical component that connects the appliance to the Wi-Fi network.

# Requirements

### Function/Feature Requirements

|  |  |
| --- | --- |
| **The component shall be able to connect an appliance to the Wi-Fi network specified by the user.** | ID: 70300, POF: Yes, Safety: No, Security: No  State: Approved, 2017-11-09 16:45 |
| Description:   Only applicable for Wi-Fi networks which are supported by the Wi-Fi connectivity node. See its requirements in [CNW]. The user can not setup the appliance with a network named "PHILIPS Setup" neither with networks which do not broadcast their SSID. | |
| Acceptance Criteria: | |

### Interface Requirements

#### Technical Interfaces

|  |  |
| --- | --- |
| **The component must be customizable for different products.** | ID: 70304, POF: No, Safety: No, Security: No  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

|  |  |
| --- | --- |
| **The component shall implement the uApp interface, so that it can be integrated into applications.** | ID: 70306, POF: Yes, Safety: No, Security: No  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

|  |  |
| --- | --- |
| **The component must instruct CommLib to accept the first mismatched pin for a device it encounters during setup mode.** | ID: 71552, POF: Yes, Safety: No, Security: Yes  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

|  |  |
| --- | --- |
| **The component shall provide analytics tagging.** | ID: 86089, POF: -, Safety: -, Security: -  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

#### User Interfaces

|  |  |
| --- | --- |
| **The component must be DLS compliant.** | ID: 70307, POF: No, Safety: No, Security: No  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall aid the user to put his appliance into setup mode.** | ID: 70308, POF: Yes, Safety: No, Security: No  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| **The component shall aid the user when the appliance can not be found on his home network after the passphrase has been set on the appliance.** | ID: 70309, POF: No, Safety: No, Security: No  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall aid the user to switch between setup and home wifi networks.** | ID: 70310, POF: Yes, Safety: No, Security: No  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall tell the user when appliance is correctly configured with the home network.** | ID: 70311, POF: Yes, Safety: No, Security: No  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| **The component shall dismiss all screens after a successful setup.** | ID: 70312, POF: Yes, Safety: No, Security: No  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| **The flow and design of the component shall be implemented according to the design book version PI17.4.S4.** | ID: 70313, POF: Yes, Safety: No, Security: No  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall be available in English.** | ID: 72728, POF: -, Safety: -, Security: -  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall be available in German.** | ID: 72729, POF: -, Safety: -, Security: -  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall be available in Simplified Chinese.** | ID: 72730, POF: -, Safety: -, Security: -  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall be available in Traditional Chinese.** | ID: 72732, POF: -, Safety: -, Security: -  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

### General Requirements

|  |  |
| --- | --- |
| **The component shall support iOS 11.** | ID: 86161, POF: -, Safety: -, Security: -  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall support Android Oreo.** | ID: 86194, POF: -, Safety: -, Security: -  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall support iOS 10.** | ID: 93480, POF: -, Safety: -, Security: -  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall support iOS 9.** | ID: 93481, POF: -, Safety: -, Security: -  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall support Android Marshmallow.** | ID: 93482, POF: -, Safety: -, Security: -  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall support Android Nougat.** | ID: 93483, POF: -, Safety: -, Security: -  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |

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| --- | --- |
| **The component shall support Android Lollipop.** | ID: 93484, POF: -, Safety: -, Security: -  State: Approved, 2017-11-09 16:45 |
| Description: | |
| Acceptance Criteria: | |



























































































# Revision History

| **Version** | **Date** | **Author** | **Description of Change** | **Reason for Change** |
| --- | --- | --- | --- | --- |
| 0.1 | 2017-Oct-26 | Joris Reijrink | Initial version | Initial version |
| 0.2 | 2017-Nov-08 | Matthijs Piek | Added review comments | Review Joris’s work |
| 0.3 | 2017-Nov-09 | Matthijs Piek | Reworked review comments, removed blocks not needed anymore in Windchill | Rework review comments |
| 0.x | 2017-Nov-21 | Matthijs Piek | Explained some abbreviations, re-added approval section, removed empty table rows, changed date format, updated TFS export | Reworked review comments from Lynn Slooten, Rob Hoveling. TFS administrations changed because of traceability to system requirements |

# Approval

| **Name** | **Role / Function** | **Date** (YYYY-MON-DD) | **Signature** |
| --- | --- | --- | --- |
| Thijs Winter | Chapter lead | See Windchill | See Windchill |
| *See Windchill* | *See Windchill* | *See Windchill* | *See Windchill* |

# <Appendices>

Not applicable: no appendices.