

# Baseline Requirements – Self-Validation testing

## Self-Validation



Self-Validation verifies that the Device behaves according to the Service Framework Interface Specs

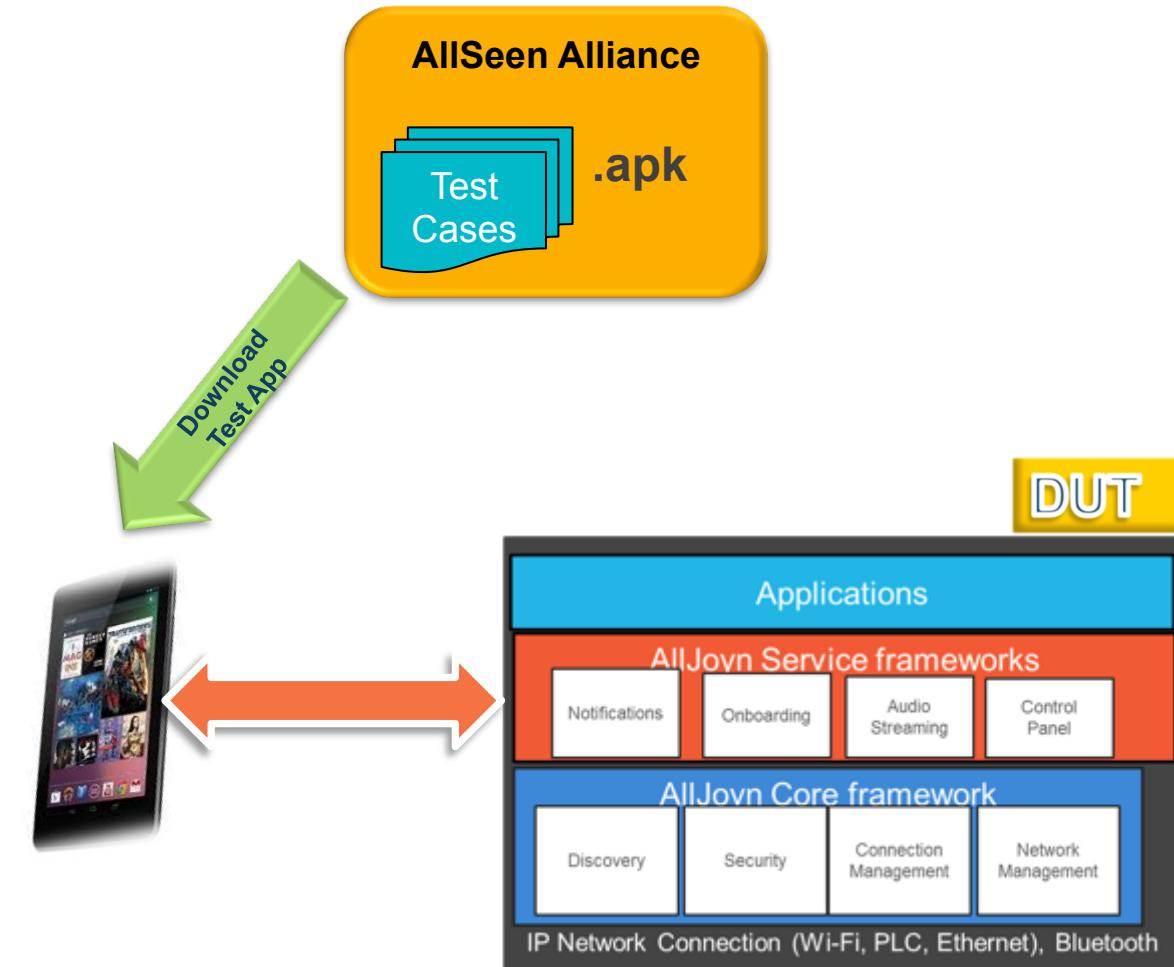


Recommend Alliance policy be that all services have a validation test case

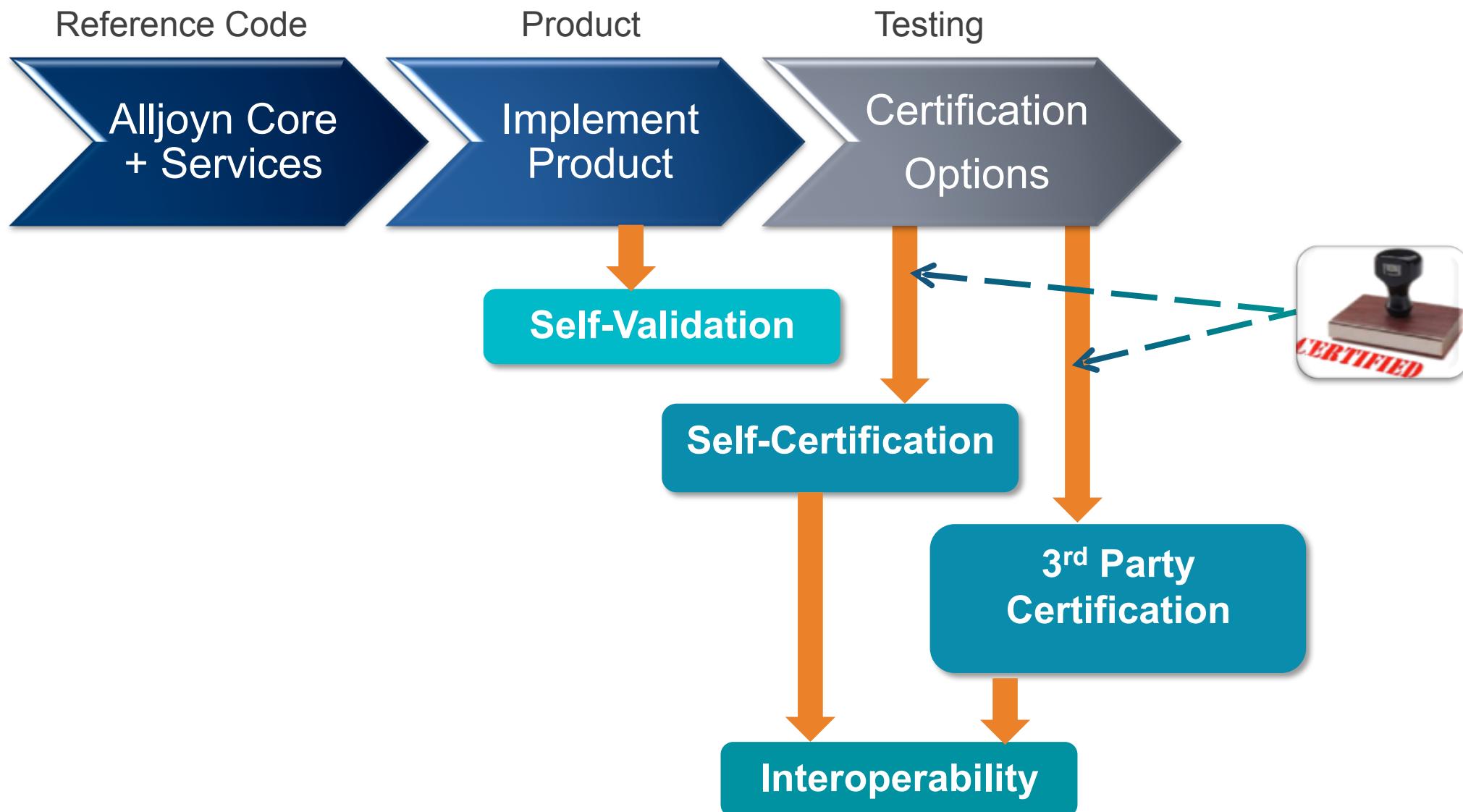
## Process



- >Download validation tool(.apk)
- >Execute Test Suites
- >Debug and fix problems with the interfaces
- >Confidence to be compliant to Service Interface Specs



# AllSeen Certification process - Pieces



# Option 1: Self-Certification

## Self-Certification Hosted by AllSeen Alliance



LF OR independent party may serve as Alliance Certification Authority (CA)



Certification test coverage will use the approved Alliance Validation Test cases



Submit device test results for Certification testing to Alliance CA for approval

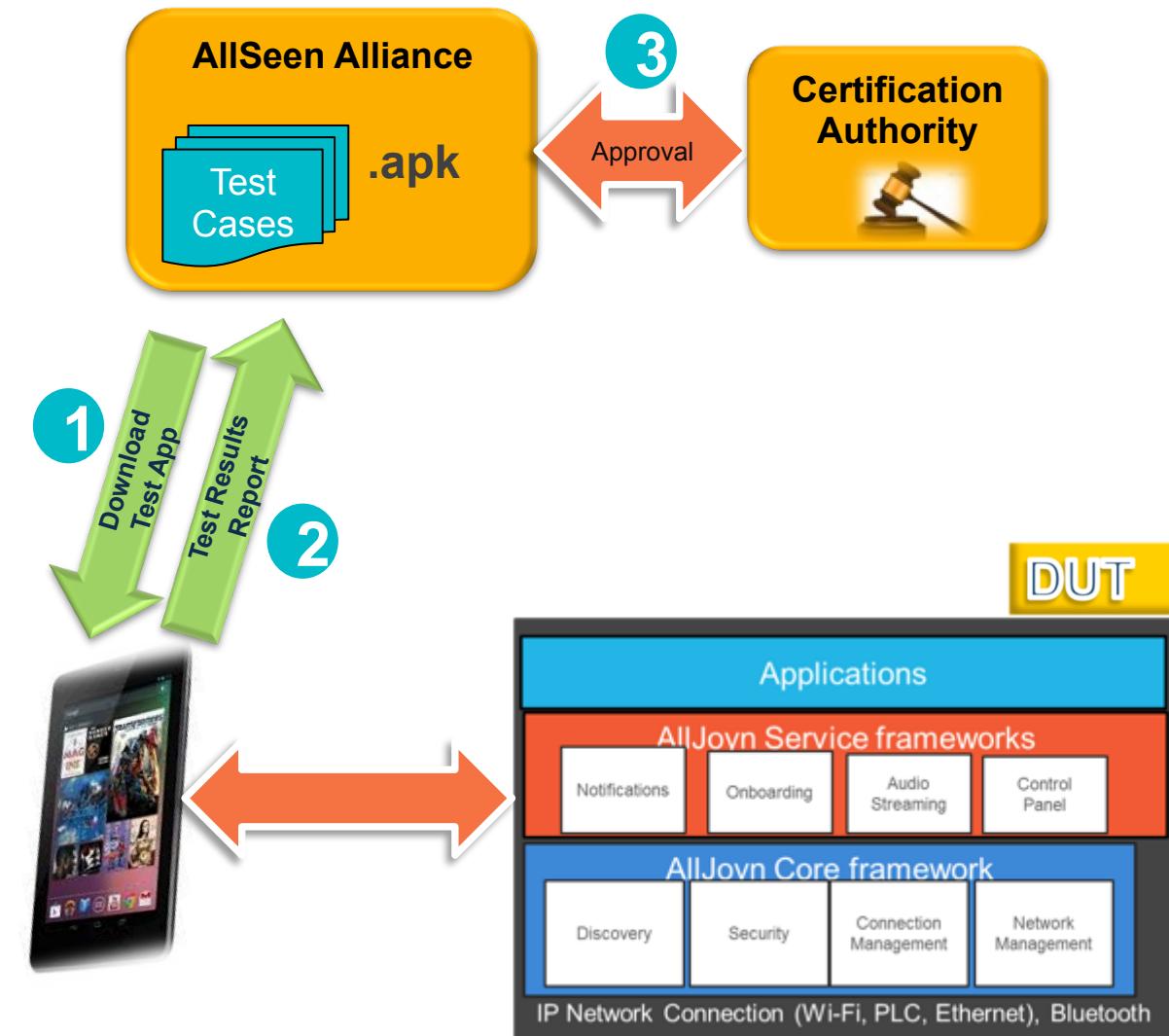


Use of mark is granted for device upon successful Certification test result submission and approval

## Process



- >Download validation tool (.apk)
- >Execute Test Suites
- >Debug and fix problems with the interfaces
- >Upload Results to AllSeen Alliance



# Option 2: 3<sup>rd</sup> Party Certification Lab

## 3<sup>rd</sup> Party Certification



Certification test coverage will define a required set of services with Alliance approved Test cases



Submit device for Certification testing to 3<sup>rd</sup> Party Test Labs.



Test Lab or OEM submit results to CA for approval

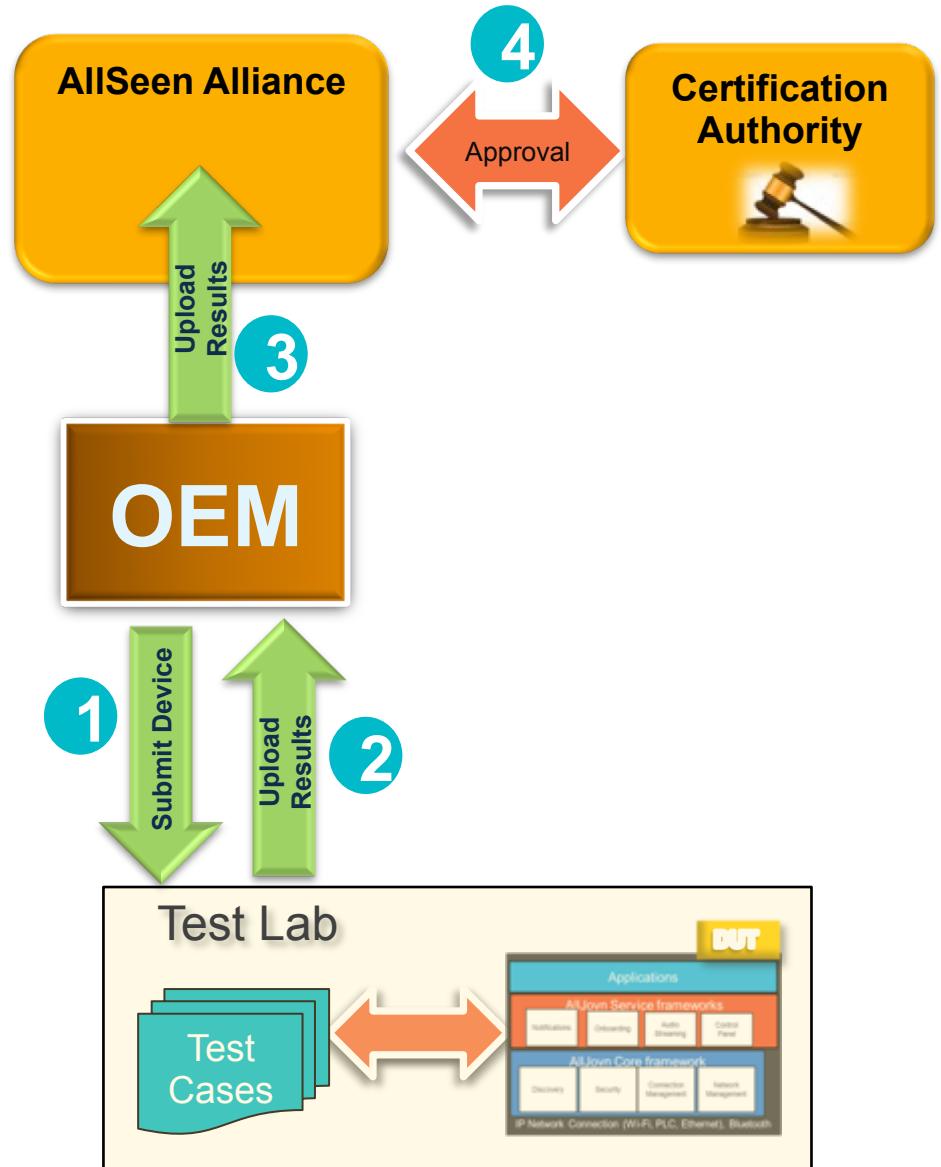


Use of mark is granted for device upon successful Certification test result submission and approval by CA

## Process



- >Submit Device to Test Lab
- >Test Lab executes Test Cases
- >Debug and fix problems with the interfaces
- >Test Lab or OEM Upload Results to AllSeen Alliance



# Interoperability

## IOP

 Interoperability testing will consist of running through a basic test of functionality against reference devices.

 Definition of reference devices (Golden Units) for interoperability testing

 Interoperability test coverage will be defined by Alliance approved interoperability guidelines specs

 DUT is in compliance with the interop procedures specs using Golden Units.

## Process

- >Acquire commercial certified devices (Golden Units)
- >Test DUT against certified devices (Golden Units)
- >Debug and fix problems with the interfaces
- >OEM Upload Results to AllSeen Alliance

