OCF Certification Update

David Tung
Allion Labs May 2016
Overview

- OCF Certification Introduction
- OCF Authorized Test Labs
- Submission Type and Process
- Events and Roadmap
- FAQ
OCF Certification Body:

- Certification Program Manager (CPM)
  » Test Specification(s) development
  » Manage Plugfest planning
  » Test tool validation
  » CSRL maintenance
  » Review all test report submission by a 3rd party lab OCE
  » Chair waiver review board

- Certification Lab Manager (CLM)
  » Inspect and audit 3rd party lab
  » Manage comparison testing among all OCF ATL
  » Certification release update and provide training to OCE
  » Backup of CRSL (certification requirement status list) maintenance and Plugfest planning
Authorized Test Laboratories (ATL)

• ATL
  – Execute defined test procedures against a candidate device
  – Participate in OCF Plugfest
  – Identify an OCE
  – Send test reports to the CB and test applicant
  – Will be audit by CLM every 18-24 months

• OCF Certification Expert (OCE)
  – Serve as the formal point of contact with the CB

• CAB (Certification Appeal Board)
  – Composed by CPM, OCE and 2 Experts from SWG
  – Disputation(s) are voted by CPM and 2 SWG experts
OCF Submission Type

• Original Model
  – Tested and Passed all mandatory test cases
  – Optional features discovered by test tool shall be validated as well

• Derived Model
  – Minor Changes: Non-functional changes such as applicant, product name, or typographical corrections. (Retest is not required)
  – Permitted Changes: Small software changes but not alter OCF functionality. (Partial test is required)
  – Determination of derived model is made by CB
OCF Certification Process

Certification Applicant

Applicant submits PICS, PIXIT and other required information to the CMS

OCE Certification Management System (CMS)

Generates Test Plan, Notifies ATL OCE and CB of submission

Authorized Test Lab OCE

OCE examines submitted information for completeness

OCE Certification Body (CB)

Certification Body keeps CRSL maintained in the CMS up-to-date with current status of required tests.

OK to test?

Test request denied by OCE

Yes

Test Results uploaded to CMS; notifications sent to Applicant and CB

OCE tests submitted device per Test Plan

Applicant and ATL are notified to resolve issues

No

Yes

Receives notification

CMS generates Certificate, notifies Applicant and ATL, adds product to registry

Device Passed?

No

Yes

Receives notification
OCF Next Coming Events (Certification)

• Official Certification Event
  – Location : Krakow, Poland (Comarch)
  – Dates : July 11-15

• Plugfest #8
  – Location : Seoul, Korea (TTA)
  – Dates : Sept 26-30

• Plugfest #9
  – Location : Fremont, California US (UL)
  – Dates : Dec 5-9

• Plugfest #10
  – Location : Taipei, Taiwan (Allion)
  – Dates : Feb/March 2017