



January 14, 2020

This document is to certify that I have received verification from representatives of all members of the Tizen TSG that the following representative model is compliant with the Tizen TV Certification Specification. I have also received copies of the documentation stating the same.

TV devices based on the same chipset in the given model with an identical software bill of materials for the implementation of Tizen TV APIs are also certified by this document, with the list of models to be provided by Samsung Electronics on a quarterly basis.

| | |
|--|-----------------------------|
| Device Description (Name/Model, OS version) | Samsung UHD TV Q60T(Nike-L) |
| Device Type (TV, Set-top box, etc.) | TV |
| Tizen Platform Version | 5.5 |

Verified by:

- Samsung Electronics:
 - Mr. Jonghyuk Choi, Chair of TV Workgroup under Tizen Technical Steering Group

The documents as submitted to me are attached as exhibits, with the detailed test results in a zip files named:

- "Tizen 5.5 Compliance Tests_TV_Nike-L result_0107.20_Web_QTQ60.zip" with sha256 74e25ab53b6ece14a62ba7459b398f5bb8cad4bc9ce8bda0ce458f0f1568c2ed, and
- "Tizen 5.5 Compliance Tests_TV_Nike-L result_0107.20_CSharp_QTQ60.zip" with sha256 70c60265abd583cd25ae52ce6d8769bfe3de5650f5e76c4d6e4c6e7aca9671ca

Todd Benzies
The Linux Foundation

A handwritten signature in black ink that reads "Todd Benzies".

1/15/2020 | 4:47 PM PST



Certification Request Form: Tizen 5.5 TV Profile

1) Requestor Information

| | |
|---|--|
| Company Name | Samsung Electronics Co., Ltd. (Visual Display Division) |
| Department | R&D Innovation Group |
| Job Function (Engineer, Marketing, etc.) | Engineer |
| Full Name | Manufacturer (JaeUk Kwon, jaeuk.kwon@samsung.com) Web/C#-TCT (Dohee Kim, dohee12.kim@samsung.com) |
| E-mail Address | dohee12.kim@samsung.com |
| Phone Number | +82-10-9187-1857 |
| Request Date | Jan 10, 2020(KST) |
| Device Description (Name/Model, OS version) | Samsung UHD TV Q60T(Nike-L) / Tizen 5.5 |
| Device Type (TV, Set-top box, etc.) | TV |
| Tizen Platform Version | 5.5 |

Requestor personal information will never be published. It is only used in case there are further questions about the submission.

2) TCT result submission checklist

Please check for each item that has been completed.

Note that the web/C# TCT MUST pass 100% for the Tizen TV Profile.

| Type of TCT | TCT Requirement | Check if complete |
|-------------|---|-------------------|
| Web | 1. Submitted Web TCT test results 2. Submitted Web TCT behavior test results | YES |
| C# | 3. Submitted C# TCT test results 4. Submitted C# TCT behavior test results | YES |

3) Compliance requirement checklist

Please check for each item that has been completed.

The below items MUST be supported on your device and marked as complete to be accepted.

The "TCS Section" column indicates the section number of the requirement in the Tizen 5.5 Compliance Specification for TV Profile.



| TCS Section | TCS Requirement | Check if complete |
|-------------|---|--------------------|
| 2.8.2 | If a browser is provided (optional), the device includes pointer support. | YES |
| 2.10.1 | The device includes navigation keys which send <code>DOM ArrowDown</code> , <code>ArrowLeft</code> , <code>ArrowRight</code> and <code>ArrowUp</code> key events. | YES |
| | The device includes an Enter key which sends a <code>DOM Enter</code> key event. | YES |
| | The device includes a back key which sends a <code>tizenhwkey</code> event with <code>keyName == back</code> . | YES |
| 2.11 | The device follows the Linux standard security model, | YES |
| | The device follows Smack-based access control and process isolation. | YES |
| | The device meets the Tizen privileged information requirement. | YES |
| 2.13 | <p>If the device is able to connect to the SDK through USB (optional) and it supports following tools, then write SDK YES</p> <ul style="list-style-type: none"> • Smart Development Bridge • Log View <p>If the device is not intended to connect to the SDK, write SDK NO</p> | SDK YES |
| 3.1.1 | The device has at least 512MB of RAM. | YES |
| | The device has at least 2GB of permanent memory. | YES |
| | The device allows access to files in the shared media folder. | YES |
| 3.1.2 | The device has an audio output. | YES |
| 3.1.3 | The device includes internet network accessibility. | YES |
| 3.1.4 | Native screen resolution: Width x Height (e.g. 1920x1080) | YES (3840x2160) |