

May 3, 2019

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 Smart Signage QPR-8K (Muse-M)
Device Type (TV, Set-top box, etc.)	Smart Signage
Tizen Platform Version	5.0

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 Compliance Tests\_Smart Signage\_Muse-M result\_825.1\_Csharp.zip**” with md5 sum d5b2ff6c5def4df8123f4c0faf165d15 and “**Tizen Compliance Tests\_Smart Signage\_Muse-M result\_825.1\_Web.zip**” with md5 sum 830891ad9584cdf5c01b58213cb15a76.

*Todd Benzies*

Todd Benzies  
The Linux Foundation

5/3/2019 | 3:19 PM PDT

## Certification Request Form: Tizen 5.0 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	May 2, 2019(KST)
Device Description (Name/Model, OS version)	Samsung Smart Signage QPR-8K(Muse-M) / Tizen 5.0
Device Type (TV, Set-top box, etc.)	Smart Signage
Tizen Platform Version	5.0

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 5.0 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 DOM ArrowDown, ArrowLeft, ArrowRight and ArrowUp key events.	YES

	The device includes an Enter key which sends a DOM Enter 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 <b>SDK YES</b></p> <ul style="list-style-type: none"> <li>• Smart Development Bridge</li> <li>• Log View</li> </ul> <p>If the device is not intended to connect to the SDK, write <b>SDK NO</b></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 (7680X4320)

## Certificate Of Completion

Envelope Id: EC1F8395DFE447F99F34F4FA6A1005BB	Status: Completed
Subject: Please DocuSign: Tizen - Muse-M - TV - Certification - 2019-05-03.pdf	
Source Envelope:	
Document Pages: 4	Signatures: 1
Certificate Pages: 1	Initials: 0
AutoNav: Disabled	Envelope Originator:
Envelopeld Stamping: Disabled	Todd Benzies
Time Zone: (UTC-08:00) Pacific Time (US & Canada)	1 Letterman Dr
	Bldg D Ste D4700
	San Francisco, CA 94129
	tbenzies@linuxfoundation.org
	IP Address: 64.124.202.226

## Record Tracking

Status: Original	Holder: Todd Benzies	Location: DocuSign
5/3/2019 3:18:42 PM	tbenzies@linuxfoundation.org	

### Signer Events

Todd Benzies  
tbenzies@linuxfoundation.org  
Sr. Director of Program Management and  
Operations

t

Security Level: Email, Account Authentication  
(None)

**Electronic Record and Signature Disclosure:**  
Not Offered via DocuSign

### Signature



Signature Adoption: Pre-selected Style  
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### Timestamp

Sent: 5/3/2019 3:18:47 PM  
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Signed: 5/3/2019 3:19:23 PM  
Freeform Signing

### In Person Signer Events

### Signature

### Timestamp

### Editor Delivery Events

### Status

### Timestamp

### Agent Delivery Events

### Status

### Timestamp

### Intermediary Delivery Events

### Status

### Timestamp

### Certified Delivery Events

### Status

### Timestamp

### Carbon Copy Events

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### Signature

### Timestamp

### Notary Events

### Signature

### Timestamp

### Envelope Summary Events

### Status

### Timestamps

Envelope Sent	Hashed/Encrypted	5/3/2019 3:18:47 PM
Certified Delivered	Security Checked	5/3/2019 3:18:52 PM
Signing Complete	Security Checked	5/3/2019 3:19:23 PM
Completed	Security Checked	5/3/2019 3:19:23 PM

### Payment Events

### Status

### Timestamps