



4000 Kruse Way Place  
Building 2, Suite 250  
Lake Oswego, OR 97035 USA  
503.908.1115 • Fax 503.908.1125  
admin@dlna.org • www.dlna.org

Digital Living Network Alliance

February 14, 2014

VIA ECFS

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

Re: Implementation of Section 304 of the Telecommunications Act of 1996; Commercial Availability of Navigation Devices, CS Docket No. 97-80; TiVo Inc. Request for Clarification or Waiver the Audiovisual Output Requirement of Section 76.640(b)(4)(iii).

Dear Ms. Dortch:

TiVo Inc. (“TiVo”) has filed a petition for clarification or waiver of Section 76.640(b)(4)(iii) of the Commission’s rules, and in doing so describes that the “touchstone” solution for home networking has not been published publicly.<sup>1</sup> TiVo requests that the waiver of this section be extended until compliance is achievable on an industry-wide basis. In the Public Notice, the Media Bureau requests comment on TiVo’s request. This letter is to update the Bureau on the progress of certain activities of the Digital Living Network Alliance (“DLNA”).

#### Background

DLNA was founded in 2003, and is comprised of more than 200 industry leading consumer electronics, personal computing, mobile device, MVPD and entertainment companies who share the common goal of creating products that are interoperable through the use of open standards and widely available industry specifications that are built on the foundation of the Internet Protocol (IP). DLNA’s Promoter Members include: ACCESS, ARRIS, AwoX, Broadcom, CableLabs, Comcast, Dolby Laboratories, DTS, Intel, LG, Microsoft, Nokia, Panasonic, Samsung, Sony, Time Warner Cable and Verizon.

#### Standards Update

Several times in the past, most recently in April 2012, DLNA has informed the Commission of updates to the DLNA Guidelines (and supplied copies for the Commission’s reference), including the publication of the DLNA Premium Video Guidelines. The next version of these guidelines will be called CVP-2 Guidelines.

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<sup>1</sup> See *Implementation of Section 304 of the Telecommunications Act of 1996; Commercial Availability of Navigation Devices*, Public Notice, CS Docket No. 97-80, DA 14-46 (Rel. Jan. 15, 2014).

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In 2013, DLNA held multiple CVP-2 interoperability testing events (“DLNA Plugfests”) to provide opportunity for vendors to assess interoperability of their CVP-2 product implementations. Additional events are planned in 2014.

Currently, DLNA is finalizing publication of CVP-2 Guidelines. Information about this new version is attached. This work is nearly done, and we expect that the DLNA CVP-2 Guidelines will be published and available to the public in March 2014.<sup>2</sup> When the publication process is completed, we will provide the Bureau with a copy (as we have before).

We expect that the DLNA CVP-2 Certification program will be complete and ready to begin certification of products to the DLNA CVP-2 Guidelines in September 2014. We expect that products may complete certification in the fourth quarter of 2014.

\* \* \*

I hope that this information is helpful. Please feel free to contact me if I may be of further assistance.

Regards,

/s/

Donna Moore  
Executive Director

cc: Brendan Murray

Attachment

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<sup>2</sup> DLNA members have access to a near-final version of the Guidelines now. After publication, non-DLNA members may purchase copies of the guidelines from DLNA.

# DLNA<sup>®</sup> Premium Content

## CVP-2 Guidelines

### Guidelines

The DLNA CVP-2 Guidelines were developed in conjunction with service providers to advance the digital delivery of movies and network television to the home, enabling playback across TVs, tablets, phones, Blu-ray players and game consoles, while protecting the rights of copyright owners and content providers.

### Features

The DLNA CVP-2 Guidelines contain the following feature set, available now to DLNA Members only.

**Authentication** - establishes a common, automated and secure mechanism to verify DLNA CVP-2 Certification on clients and servers.

**Diagnostics** - enables a simple set of diagnostics that can be executed, with results communicated by DLNA devices.

**DTCP-IP** - enables a secure connection for streaming commercial content in the home.

**HTML5 Remote User Interface** - provides a consistent user experience on connected devices which allows for a single unified user interface adapted to screen resolution.

**HTTP Adaptive Delivery** - allows clients to react to varying access and streaming channel conditions by dynamically selecting suitable representation for the best viewing experience.

**Low Power** - provides mechanism for DLNA devices to convey energy management capabilities and modes for each of its network interfaces.

### Use Case

Use a DLNA CVP-2 Certified set top box to stream service provider content to only DLNA CVP-2 Certified devices on the home network.

