

## **Liaison Statement**

From: CTA on behalf of the WAVE Project Steering Committee,  
Zachary Cava, Chair, CTA WAVE Project Steering Committee  
Alexandra Blasgen, Senior Manager, Technology & Standards, CTA  
To: MPEG, 3GPP SA4, W3C Media Working Group, SCTE DVS, ATSC TG-  
3/S38, SVTA, DVB Technical Module, HbbTV Testing Group  
Date: 18 June 2025  
Subject: WAVE Project liaison on Commercial DRM Testing

Dear colleagues,

The Consumer Technology Association (CTA) Web Application Video Ecosystem (WAVE) is continuously working on the creation of a set of automated unit tests for the integration of web browsers onto media consumption devices (Smart TVs, phones, tablets, sticks). Details on the WAVE Streaming Media Test Suite – Devices can be found here:

<https://www.cta.tech/about/wave-project/wave-streaming-media-test-suite-devices/>. Today, these exercise the Media Source Extensions (MSE) API and, to a lesser extent, the Encrypted Media Extensions (EME) API.

CTA WAVE is looking to extend the coverage of EME testing to include content protected by commercial DRM systems such as Fairplay, PlayReady and Widevine. CTA WAVE seeks input on people's experiences with the EME API to help guide this work. Based on a recently completed survey, we identified imminent needs of the industry for testing different commercial DRM features.

The summary of the survey results (in total 25 responses) is attached. We highlight in particular the following findings:

- The dominant commercial DRMs are FairPlay, PlayReady and Widevine.
- Both CBC as well as CENC have broad usage.
- Only a small portion of the respondents indicate that they use EME without encountering any problems.
- There is a huge interest in developing unit tests for the integration of a web browser with DRM system(s) on media consumption devices, and further interest to participate in some form in the development of the tests.

We also received a set of key problems with DRMs in combination with EME on devices that would benefit from consistent testing.

Based on this survey, CTA WAVE is generally committed to extending the test suite for commercial DRM tests. However, this program is ambitious, and CTA WAVE is constrained in budget. Therefore, we are looking for partners to help support the development financially.

If your organization is interested in commercial DRM testing and is willing to discuss participating with CTA on the financial element, we would greatly appreciate your assistance.

In addition to financial participation, we are looking for a license server that can be used for commercial DRM testing.

Thank you for your consideration of this opportunity to join us as we work to enhance commercial DRM interoperability.

Sincerely,  
Zack Cava  
Chairman, WAVE Project Steering Committee