

## Player Dev Kit 5.2.6 support matrix

Last updated on Jun 07, 2013 14:08

This table lists the supported user agents and devices used to test the PDK during development.

As not all features are possible on all devices, this table identifies what you can expect to support on each device using version 5.2.6 of the PDK.

This release contains updated support information specific to the use of the PDK on Android devices.

Each subsequent PDK release will include an updated matrix. Additional devices and operating systems will be added as they are included in the development cycle. Software updates (in the both the PDK and the devices themselves) will result in additions to this matrix.

The PDK works with any of the following versions of Flash. Any desktop browser supported by Flash is supported by the PDK.

Flash User Agents	Auto Play	Full Screen	Mid-rolls	Closed captions	Controls	Excerpts	Slates	H.264	M3U	WebM	Ogg
Desktop Flash (Win, Mac, w/ Flash 10.2+)	✔	✔	✔	✔	✔	✔	✔	✔			
Android 2.1 (via HTC Nexus 1)	✔	✔	✔	✔	✔	✔		✔			
Android 2.2.1 (via Samsung Galaxy Tab)	✔	✔	✔	✔	✔	✔		✔			

The PDK also works with the following devices and user agents for native HTML5 video playback.

[illegible]

Chrome 16+ desktop	✓	✓	✓	✓	✓	✓	✓	✓		✓	
Safari 5+ desktop (Mac OS X only)	✓	✓	✓	✓	✓			✓	✓		
Firefox 11+	✓	✓	✓	✓	✓	✓	✓			✓	✓
Internet Explorer 9, 10	✓		✓	✓	✓	✓	✓	✓			
iPad iOS 5, 6		✓	✓	✓*	✓	✓	✓	✓	✓		
iPad iOS 4		✓	✓	✓*	✓			✓	✓		
iPad Native Hybrid		✓	✓	✓*	✓			✓	✓		
iPhone iOS 5, 6		✓	✓		✓**		✓	✓	✓		
iPhone iOS 4		✓	✓		✓**			✓	✓		
iPhone Native Hybrid		✓	✓		✓**			✓	✓		
Android 2.3.4 (via DROIDX)		✓	✓		✓**			✓			
Android 2.3.6 (via HTC Nexus 1)		✓	✓		✓**			✓			
Android 3.0.1 (via Motorola		✓	✓		✓**			✓			

Xoom)											
Android 3.1.0 (via Motorola Xoom)			✓	✓	✓**	✓	✓	✓			
Android 4.0.2 (via Galaxy Nexus Phone)		✓†	✓†	✓	✓**	✓†	✓	✓	✓†		
Android 4.0.3 (via Motorola Xoom)			✓†	✓	✓**	✓†	✓	✓	✓†		
Android 4.1.1 (via Samsung Galaxy Tab and native Browser)		✓†	✓†	✓	✓	✓†	✓	✓	✓†		
Android 4.2 (via Nexus 7 and Chrome Browser)		✓†	✓†	✓	✓	✓†	✓	✓	✓†		

★ indicates new for this release

\* not in fullscreen

\*\* during playback only the native controls are accessible

† M3U playback on Android works, but full screen, mid-rolls, excerpts, and video seeking are not supported. See below.

Other devices and operating systems not listed here may work, or appear to work, but support cannot be confirmed until fully tested and included in this table.

# Android exceptions

As the Android product market is large and diverse, individual devices may not support specific features or functionality even though other devices using the same version of the operating system and browser do. The PDK does recognize and adapt to the following exceptions.

## M3U

M3U media (also known as HTTP Live Streaming, or HLS) has limited support on Android devices in general. When operating on an Android device, the PDK deprioritizes M3U content and prefers other formats when available.

When playing M3U media on an Android device, expect the following features in the PDK to be disabled.

- Full screen - Android devices cannot play M3U content in full screen. The PDK will disable its full screen button when playing M3U
- Seeking - Android devices do not allow random access within M3U streams. The PDK scrubber has no effect when playing M3U streams
- Mid-rolls - Because of the lack of random access, M3U streams cannot be interrupted by mid-roll advertisements. The PDK will ignore any mid-roll ads for an M3U stream and play only bumpers, pre-rolls, and post-rolls.
- Excerpts - Because of the lack of random access, M3U streams cannot be started at any position other than at the beginning.

## Samsung Galaxy Tab

Samsung Galaxy Tab devices cannot play full screen video when using Google Chrome. The PDK will disable its full screen button when playing media in Chrome on a Samsung Galaxy Tab. Full screen playback is possible, however, when using the Android Browser application.

## Auto play

Indicates the ability to initiate playback automatically on load, without requiring user intervention. Note that many mobile devices prohibit this functionality.

## Full screen

Indicates the ability for the user to click or tap a control to view media at a size that fills the active display, *and* that the PDK will continue to function as expected.

## Mid-rolls

Indicates that the player can play mid-roll advertisements and successfully resume playback of the interrupted media at the expected point.

## Closed captions

Indicates the ability to parse caption files and display their content over the player component. Does not include support for caption data embedded within media streams.

## Controls

Indicates the ability to parse layout files and display skinned and colorized controls over the player component. Note that many mobile devices display their own control racks during playback (although some only do so when the video is switched to full screen).

## Excerpts

Indicates the ability to play a portion of a full release by processing the excerpt data provided by the selector service.

## Slates

Indicates the ability to display one or more slates above the player that lets users post, email, and copy links to the current media.