

Flash Advanced Echo Cancellation Has Arrived - Flash Player 10.3 Beta

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Adobe have just released the beta version of Flash Player 10.3 which you can [download](#) from the [Adobe Labs website](#).

The major feature in this version - especially if you are building real-time collaborative applications - is the advanced echo cancellation (AEC). Developers can now take advantage of acoustic echo cancellation, noise suppression, voice activity detection, and automatic compensation for various microphone input levels. End users will be able to experience higher quality audio to aid conversation flow, without using a headset.

Most of these features can be accessed via the new `flash.media.MicrophoneEnhancedMode` and `flash.media.MicrophoneEnhancedOptions` classes which contain properties to control the way that the `Microphone` instance enhances audio, suppresses echos and so on. The [API docs \(.zip\) are here](#).

- ☒ This beta version is currently available for desktop operating systems, with support for mobile and AIR following soon.

Another great enhancement for end users is the native control panel which allows you to manage Flash Player privacy, security and storage settings on Windows, Mac, and Linux directly from the Control Panels or System Preferences on your computer. I love this feature as the Settings Manager used by previous versions of Flash Player was a usability nightmare. I also think that Flash Player looks much more grown up now that it's sporting its own settings panel in the System preferences. A great improvement.

Check out the full release notes and other [new features here](#).