



## v3.x to v4.x Client API Migration

Free your developers to focus on the user experience and leave the video to us. Our dedicated API consultation services, provided by an experienced API Developer Advocate, will help you migrate your v.3x client API-based deployments to our latest v4.x client APIs.

### Overview

*If you are a Vidyo customer with an existing application built with the previous-generation VidyoWorks SDK, you can now migrate to our newest platform: the VidyoClient API.*

### VidyoClient API Benefits

*The VidyoClient API is based on the latest generation VidyoClient; however, we have dramatically improved it for ease of use, performance, and flexibility. Here are just a few of the benefits of using the VidyoClient API rather than the legacy VidyoWorks SDK (version 3.x):*

**Ongoing Updates and Support**—*The VidyoClient API is our cutting-edge API platform. Going forward, we will continue to offer performance improvements, new features, and support for this platform. On the other hand, we are no longer developing new features and will only fix the most critical bugs for our previous generation platform, VidyoWorks SDK version 3.x.*

*VidyoClient API*

**Cloud-Supported Infrastructure**—*You can run your custom applications on the global cloud platform managed by Vidyo. The Vidyo cloud infrastructure includes features such as WebRTC, geolocation, high availability, and scalability. With cloud infrastructure like this, you can spend your time as a developer innovating and designing rather than managing infrastructure issues and servers to support your apps.*

**On-premises Supported Infrastructure**—*The VidyoPlatform client SDK works on Vidyo's traditional on-premises infrastructure as well as cloud. If you already have Vidyo infrastructure deployed or if you're not yet ready to move to the cloud, you can still leverage the new VidyoClient API in your custom applications.*

**Consistent Cross-Platform APIs**—*The consistent behavior and structure of the VidyoClient API's cross-platform APIs allow developers to quickly and easily support multiple platforms (such as WebRTC, iOS, Android™, macOS®, and Windows®), resulting in faster time-to-market and reduced errors. Additionally, the VidyoPlatform APIs return very clear object states and allow developers to embed code without having to include a lot of boilerplate code.*

**High-DPI Screen Share**—*The VidyoClient API allows content sharing from devices that have high-DPI displays, whereas the previous-generation VidyoWorks platform did not support this feature. Device compatibility is important to Vidyo as retina and high-DPI displays continue to become more prevalent in computing devices.*

**Device Management Included**—*VidyoClient API device management supports automatic detection of in-call devices for microphones, speakers, and cameras, and it allows selection of these devices with simple API calls. Conversely, the VidyoWorks platform uses a cumbersome process to detect and select devices for the application.*