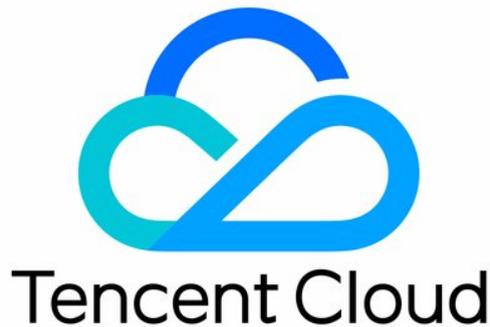


# Tencent Real-Time Communication No UI Integration



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# No UI Integration SDK Download SDK Download

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## Download SDK

Tencent Real-Time Communication (TRTC) is a set of low-latency, high-quality audio and video communication services provided by Tencent Cloud. It is dedicated to providing Tencent Cloud customers with stable, reliable, and low-cost audio/video transmission capabilities.

This service consists of a global audio/video transmission network and a group of terminal SDKs. You can download the Tencent Real-Time Communication (TRTC) SDK that covers current mainstream client platforms and popular frameworks on this page.

The provider of the Tencent Real-Time Communication (TRTC) SDK is Shenzhen Tencent Computer Systems Company Limited. For its personal information processing rules, see [Tencent Real-Time Communication \(TRTC\) SDK Personal Information Protection Rules](#). The current downloadable version is 12.3. For the release log, see [Release Log \(App\)](#). For compliance usage instructions, see [Compliance Usage Guide](#).

### ⓘ Note:

- If the speed of your current network accessing Github is unsatisfactory, you can [click here](#) to access Tencent Cloud's exclusive accelerated repository.
- If you download the new SDK version, please perform necessary functional verification tests before going live to avoid integration issues caused by the feature performance of the existing functions not matching that of the earlier version.

## Web SDK



### TRTC Web SDK

包含 TRTC 功能，无需安装 App 即可音视频通话，兼容主流的桌面和移动端浏览器。

[NPM](#) [ZIP 下载](#) [GitHub](#) [集成指引](#) [运行 Demo](#)

## Android SDK



### 精简版 (TRTC) SDK

包含 TRTC 和直播播放 (TXLivePlayer) 两项功能, 适配主流模拟器和声卡, SDK 体积小, 功能稳定。

[Gradle](#) [ZIP 下载](#) [GitHub](#) [集成指引](#) [运行 Demo](#)



### 全功能版 (Professional) SDK

包含 TRTC、直播、短视频、点播等多项功能, 功能丰富, SDK 体积较精简版略大。

[Gradle](#) [ZIP 下载](#) [集成指引](#) [运行 Demo](#)

## iOS SDK



### 精简版 (TRTC) SDK

包含 TRTC 和直播播放 (TXLivePlayer) 两项功能, SDK 体积小, 功能稳定。

[ZIP 下载](#) [GitHub](#) [集成指引](#) [运行 Demo](#)



### 全功能版 (Professional) SDK

包含 TRTC、直播、短视频、点播等多项功能, 功能丰富, SDK 体积较精简版略大。

[ZIP 下载](#) [集成指引](#) [运行 Demo](#)

## HarmonyOS SDK

### 🔔 Note:

HarmonyOS SDK has been released. This version has completed basic function verification. Preferentially, trial applications are now open to some enterprise-level paying customers. If you need to use it, please [fill in the form](#) to contact your business.

## Windows SDK



### Windows SDK (C++ 版)

包含实时音视频 (TRTC)、直播推流 (TXLivePusher)、直播播放 (TXLivePlayer) 和点播播放 (TXVodPlayer) 等四项功能

[ZIP 下载](#) [GitHub](#) [集成指引](#) [运行 Demo](#)



### Windows SDK (C# 版)

包含实时音视频 (TRTC)、直播推流 (TXLivePusher)、直播播放 (TXLivePlayer) 和点播播放 (TXVodPlayer) 等四项功能。

[ZIP 下载](#) [GitHub](#) [集成指引](#) [运行 Demo](#)



### Windows SDK (ActiveX 版)

基于 ActiveX 插件封装的 TRTC SDK，让您在 ActiveX 场景下快速便捷的集成实时音视频服务。

[ZIP 下载](#) [GitHub](#) [集成指引](#) [运行 Demo](#)

## Mac OS SDK



## Mac OS SDK

包含实时音视频（TRTC）、直播推流（TXLivePusher）和播放器（TXLivePlayer）等功能。

[ZIP 下载](#) [GitHub](#) [集成指引](#) [运行 Demo](#)

## 微信小程序 SDK



## 微信小程序 SDK

以 live-pusher 和 live-player 两个标签封装的 TRTC SDK，体积小，无需安装，效果媲美 App。

[ZIP 下载](#) [GitHub](#) [集成指引](#) [运行 Demo](#)

## 跨平台 SDK



## Electron SDK

基于 Electron 框架封装，让您基于 Web 技术快速构建 Windows 和 Mac 平台上的应用。

[ZIP 下载](#) [GitHub](#) [集成指引](#) [运行 Demo](#)



## Flutter SDK

基于 Flutter 框架封装的 TRTC SDK，让您用一套代码快速构建出能够运行于各平台的 App。

[ZIP 下载](#) [GitHub](#) [集成指引](#) [运行 Demo](#)



## uni-app SDK

基于 uni-app 插件封装的 TRTC SDK，让您快速便捷集成实时音视频服务。

[GitHub](#) [运行 Demo](#)