



New to SDK 1.9

- Linux SDK support for creating voice calling applications
- 64-bit Android support
- Additional SIP push documentation and sequence diagrams have been published in the SDK Developer Guide

Key Features

- SIP C++ SDK, with wrappers available for .Net, Java, Objective-C, Swift and Xamarin
- Superior quality voice calling with stellar audio test results
- Highly customizable for deploying voice, video, messaging and presence features
- Voice Quality Enhancement (VQE) capabilities
- Support for IMS capabilities, such as REGEVENT
- Secure with signaling and media encryption using TLS and SRTP
- Additional voice codecs include G.711, G.722, G.729, SILK and OPUS

Key Benefits

- Includes product support and sample applications for developers to ensure success in application design and deployment
- Scalable with support for multiple programming environments to offer flexible developer capabilities
- Advanced interoperability with leading standards-based IP PBX systems
- Exclusive access to dedicated Engineering resources through SDK Extended Support Plan

Overview

Enterprises, operators, and solution vendors can use CounterPath's Softphone Software Development Kit (SDK) to accelerate the integration of voice over IP (VoIP), video and messaging into their own applications for desktop and mobile devices. Robust and scalable, the Softphone SDK is a SIP C++ SDK, with wrappers available for .NET, Java, Objective-C, Swift and Xamarin, and can be used to develop highly customized voice, video and messaging solutions, and build their own graphical user interface. Access CounterPath's core softphone libraries to develop complex applications that facilitate IMS-compliant voice and video calling, as well as instant messaging and presence capabilities.

Reliable, Superior Quality, Secure Communications

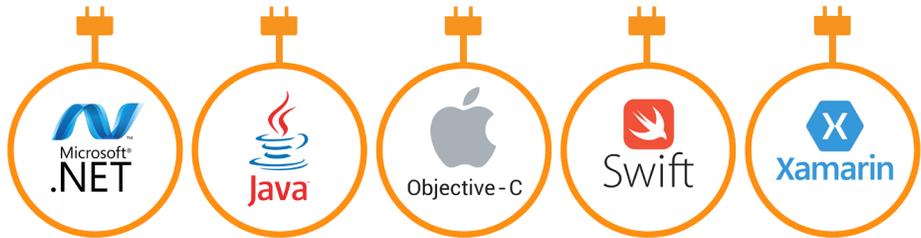
Engineers and developers can quickly integrate and customize communications tools with confidence. Unsurpassed testing and reliability, its core SDK code is already deployed to millions of endpoints via CounterPath's Bria and X-Lite products. When building SIP/IMS compliant applications, engineers can expect excellent voice and audio quality from the SDK through a broad range of Voice Quality Enhancement (VQE) capabilities, such as Acoustic Echo Cancellation, Adaptive Jitter Buffer, Packet Loss Concealment and Noise Reduction. Additional voice codecs enabling HD voice calls are also supported, including G.711, G.722, G.729, SILK and OPUS. The SDK can also establish secure signaling and encrypted media via TLS and SRTP.

Let's Start Talking

For more information or to purchase our product, please visit www.counterpath.com or contact your CounterPath sales representative.

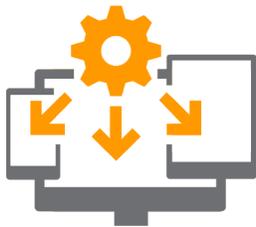


CounterPath Softphone SDK



SDK Platforms

- Java for Android
- C++, Objective-C and Swift for iOS
- C++, .NET and Java for Windows
- C++ and Objective-C for Mac
- Xamarin



Multi-Platform Support

CounterPath offers a single, common SDK across desktop, tablet, and smartphone devices, yielding substantial benefits to multi-platform developers. Through the use of a common SDK, developers can leverage the same core set of methods and parameters – regardless of the underlying OS. Using a common signaling stack, media stack, NAT traversal, etc. across all platforms provides a significant reduction in interoperability testing effort.

Requirements

Hardware and system requirements are heavily dependent on the type of application being created using the Softphone SDK. Please review the Development Environment and Runtime Environment requirements at <http://www.counterpath.com/sdk>.

CounterPath SDK Extended Support

When developing software within tight deadlines, programmers cannot afford to wait for weeks for trouble tickets to be resolved. The Softphone SDK is backed up by CounterPath's SDK Extended Support Plan and provides exclusive access to dedicated Engineering resources, including SLA-based trouble tickets with response time guarantees.

Interoperability

CounterPath's Softphone SDK is compliant with SIP and XMPP standards, and has more certifications than any other SDK on the market. CounterPath's softphone clients have proven interoperability with many of the industry's IP PBX, SBC and Unified Communications platforms, including these vendors and many others:

- | | | | |
|-------------|-----------|-------------------|-------------|
| • Asterisk | • FreePBX | • Mavenir Systems | • Panasonic |
| • Avaya | • GENBAND | • Metaswitch | • Polycom |
| • BroadSoft | • Genesys | • Mitel | • Sonus |
| • Cisco | • HP | • Lync | • Toshiba |
| • Digium | • Huawei | • NEC | • Unify |
| • Ericsson | • Ingate | • Oracle | |

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