

# List of SIP software

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This **list of SIP software** documents notable software applications which use Session Initiation Protocol (SIP) as a voice over IP (VoIP) protocol.

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## Servers

### Free and open-source license

- Asterisk
- Cipango SipServlets 1.1 application server
- FreeSWITCH
- FreePBX
- GNU SIP Witch
- ISSABEL, fork of Elastix
- Kamailio, formerly OpenSER<sup>[1]</sup>
- Mobicents Platform (JSLEE<sup>[2]</sup> 1.0 compliant and SIP Servlets 1.1 compliant application server)
- Mysipswitch
- OpenSIPS, fork of OpenSER
- SailFin

- SIP Express Router (SER)
- Enterprise Communications System sipXecs
- Yate
- YXA, based on Erlang

## Proprietary license

- 3Com VCX IP telephony module: back-to-back user agent SIP PBX
- 3CX Phone System, for Windows, Debian 8 GNU/Linux
- Aastra 5000, 800, MX-ONE
- Alcatel-Lucent 5060 IP Call server
- Aricent SIP UA stack, B2BUA, proxy, VoLTE/RCS Client
- AskoziaPBX
- Avaya Application Server 5300 (AS5300), JITC certified ASSIP VoIP
- Bicom Systems IP PBX for telecoms
- Brekeke SIP Server, SIP proxy, SIP registrar, SIP NAT, TCP/UDP
- Cisco SIP Proxy Server, Cisco unified border element (CUBE), Cisco Unified Communication Manager (CUCM)
- CommuniGate Pro, virtualized PBX for IP Centrex hosting, voicemail services, self-care, ...
- Comverse Technology softswitch, media applications, SIP registrars
- Creacode SIP Application Server Real-time SIP call controller and IVR solution for carrier-class VoIP networks
- Dialogic Corporation Powermedia Media Servers, audio and video SIP IVR, media and conferencing servers for Enterprise and Carriers.
- Dialexia VoIP Softswitches, IP PBX for medium and enterprise organizations, billing servers.
- IBM WebSphere Application Server - Converged HTTP and SIP container JEE Application Server
- Interactive Intelligence Windows-based IP PBX for small, medium and enterprise organizations
- Kerio Operator, IP PBX for small and medium enterprises
- MERA Systems VoIP softswitches with sbc, H.323/SIP proxy
- Microsoft Lync Server 2010 & 2013
- Mitel Communications Director
- NEC SV7000 back-to-back user agent SIP PBX
- NEC UNIVERGE 3C Unified Communications and Collaboration software
- Nokia Siemens Networks hiQ8000
- Nortel SCS500
- Nortel SIP Multimedia Communication Server 5200
- Objectworld UC Server
- Oracle Communications Converged Application Server (OCCAS)
- Oracle WebLogic SIP Server
- Spirent SIP Server Platform
- ShoreTel IP phone systems with unified communications and contact center built in
- Unify OpenScape Voice, OpenScape 8000 SIP softswitch, mediaserver, ... (SIP)

- Snom One free/blue/yellow (Snom acquired and renamed pbxnsip) (SIP)
- Speedflow Communications VoIP class 4/5 softswitches with integrated billing, transcoding, SIP-H.323 converter.
- Sun Microsystems Sun GlassFish Communication Server
- Tadiran Telecom Coral Ipx family and Aeonix softswitch
- Tandberg Video Communication Server - SIP application server, media server and H.323 gateway
- TrueConf Server - video conferencing server software, SIP gateway
- Unison Unified communications software
- Voice Elements Inventive Labs' .NET Voice Development software and SIP stack platform.
- Zultys MX250/MX30 IP PBXs for SMB and enterprise
- Wildix WGW series Unified communication platform up to 5000 users on a single server. Up to 65535 users on WMS network
- REVE Systems Mobile VoIP, Class 4/5 Softswitch with integrated billing and Bandwidth Optimization solutions

## Clients

### Free and open-source license

- Blink, OSX, Linux, and Windows
- Ekiga, formerly named GnomeMeeting, GPL
- Empathy, using GTK+ libraries and Telepathy framework, GPL
- Jitsi, a Java VoIP and Instant Messaging client with ZRTP encryption, for FreeBSD, Linux, OS X, Windows; LGPL
- KPhone, using Qt libraries, GPL, for Linux
- Linphone, with a core/UI separation, the GUI is using GTK+ libraries, for Linux, OS X, Windows, and mobile phones (Android, iPhone, Windows Phone, BlackBerry)
- MicroSIP, lightweight softphone, using PJSIP stack, for Windows
- QuteCom, formerly named OpenWengo, using Qt libraries, GPL, for Windows, Mac, and RPM- DEB-based Linux<sup>[2]</sup>
- Ring, with GTK+/Qt GUI, also supports IAX2 protocol, for Linux, OS X, Windows GPL
- Telephone, OS X softphone written in Cocoa/Objective-C
- Twinkle, using Qt libraries, GPL, for Linux
- Yate client, using Qt libraries,<sup>[3]</sup> GPL<sup>[4]</sup>

### Proprietary license

- Blink, for Mac
- eyeBeam and X-Lite, for Windows, OS X
- LifeSize Desktop, for Windows
- Phoner and PhonerLite, for Windows, Voice: G.711, G.722, G.726, GSM, iLBC, Speex, Opus; security: TLS, SRTP, ZRTP
- Polycom PVX, for Windows. Voice: G.711, G.722, G.722.1, G.728, G.729A, Siren Codec; Video: H.261, H.263, H.264; Data: T.120, People+ Content, H.239, H.323 Annex

Q far-end camera control

- Windows Messenger versions 4 and 5 (not to be confused with Windows Live Messenger or MSN Messenger which do not support SIP)

## Discontinued

- Gizmo5, formerly PhoneGaim, based on Pidgin

## Mobile clients

### Free and open-source license

- Sipsdroid for Android, GPL v3
- Linphone for Android, BlackBerry, iPhone, Windows phone; GPL v2
- CSipSimple for Android, GPL v3
- Ring for Android, GPL v3

### Proprietary license

- Acrobats for iOS and Android

## Session border controllers

- Acme Packet Session Director
- Audiocodes Mediant
- Genband Quantix SBC
- Ingate Systems Ingate SIParators
- Metaswitch Perimeta
- Sonus Networks NBS (Sonus acquired NET)
- Kamailio

## Enabled firewalls

- Check Point VPN-1 firewalls, include complete SIP support for multiple vendors
- Intertex SIP transparent routers, firewalls and ADSL modems, for broadband deployments and SOHO market
- IPFire Linux-based firewall distribution which comes with Quality of service (QoS) to prefer VoIP communications as well as with Asterisk.
- Cisco PIX/ASA firewalls include complete SIP support
- The firewall feature in Cisco IOS includes complete SIP support
- Secure Computing, *SnapGear* firewall includes siproxd SIP proxy, *Sidewinder 7* firewall includes a SIP proxy
- SonicWall, supports SIP
- D-Link Firewall DFL-210/260/800/860/1600/2500 supports SIP (SIP-ALG) with firmware

2.20.01.05 and above

- ZyXEL ZyWALL P1, 2Plus, 5 UTM, 35 UTM, 70 UTM, 1050, USG 100, USG 200, USG 300, USG 1000 supports SIP-ALG
- Fortinet, all FortiGates running v280/v300 builds
- Linux Netfilter's SIP conntrack helper fully understands SIP and can classify (for QoS) and NAT all related traffic
- Juniper Networks Netscreen and SRX firewalls include complete SIP Application Layer Gateway support
- Netopia Netopia supports ALG
- PF, built-in OpenBSD firewall PF can handle the NAT through the "static-port" directive and the bandwidth control through the built-in queuing system of SIP connections
- pfSense, a firewall/router distribution based on FreeBSD and PF; has QoS that properly tags VoIP traffic and a SIP proxy package that is available for NATed endpoints. Its functionality can be expanded with packages like FreeSWITCH, a free/open source software communications platform for making SIP, voice and chat driven products.

## Libraries

- oSIP

## Test tools

- Ixia (company) commercial SIP-VoIP and Video test and emulation and load test platform
- Mu Dynamics: commercial SIP-VoIP, RTSP-IPTV Triple Play service assurance platform
- Codenomicon Defensics: commercial test automation framework

## See also

- Comparison of VoIP software
- List of video telecommunication services and product brands
- Mobile VoIP

## References

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3. "Yate client page" (<http://www.yate.null.ro/pmwiki/index.php?n=Main.YateClient>). Retrieved 2011-12-01.
4. "Yate official page" (<http://www.yate.null.ro/pmwiki/index.php>). Retrieved 2011-12-01.

## External links

- SIP (<https://dmoztools.net/Computers/Internet/Protocols/SIP>) at DMOZ

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