



# SIP Communication Center

The combination of IP phone, video, IM and presence will inspire users to communicate and enjoy the benefits of VoIP communications.

MV SIP communication Center is a complete java-based PC software package addressing residential users, corporate users and Telecom Infrastructure Vendors. IP telephony is a strong complement and substitute to traditional telephony. IP video telephony enables seeing the one you talk to, facial expressions and appearance.

## Advanced features

- **Multiple Lines-** supports up to 10 concurrent incoming and outgoing calls
- **Multiple SIP Accounts-** Support multiple SIP Providers (proxies) definitions.
- **Built-In NAT Solution-** Supports STUN, TURN, ICE, Comedia (draft-09), and more.
- **IM and Presence-** Enables instant connection from your buddy list.
- **Video-** supported codec's: H.261, H.263, H.263+, H264
- **Call Recording-** record your incoming and outgoing calls
- **Built-In Voice Mail-** Send calls to the Voice-Mail on several pre-defined situations (No answer, Unconditional, Busy, or user select)
- **Multiple conferencing-** combines up to 10 connections simultaneously
- **QoS-** configure Media and Signaling TOS/DiffSrv values
- **SRTP-** Encrypted RTP streams for secure communication
- **Internal Address Book**
- **Call logs-** Incoming, Outgoing and Missed

## Standards and RFCs

### Signaling

- (RFC3261) SIP
- (RFC2976) SIP INFO Method
- (RFC3262) Reliability of Provisional Responses.
- (RFC3263) Locating SIP Servers
- (RFC3264) An Offer Answer Model with SDP
- (RFC3265) SIP-Specific Event Notification
- (RFC3311) UPDATE
- (RFC3361) DHCP support for SIP Servers
- (RFC3428) SIP Extension for IM.
- (RFC3515) SIP REFER Method.
- (RFC3581) Symmetric Response Routing
- (RFC3725) Best Current Practices fro 3PCC
- (RFC3842) Message Waiting Indication

And more...

### Media

- (RFC3550, RFC3551) RTP/RTCP
- (RFC3711) Secure RTP
- (RFC 2327) SDP
- (RFC 2833) RTP Payload for DTMF digits, Telephony tc and Telephony signals.





### *Call Control Features (SIP):*

- Fully complies with SIP (RFC 3261)
- Incoming and Outgoing calls
- Multiple SIP Proxy server support
- Registration support
- Attended Redirect support
- Caller ID and Caller ID block
- Hold
- Proxy (Local/Remote) Authentication Support.
- URL dialing
- IP-to-IP Calls
- Transfer
- Multiple line Conference
- Forward incoming calls
- Click-2-Dial from any web page

### *Media Control (RTP)*

- **SRTP:** Secure Real Time Transport Protocol Provides confidentiality to the media stream.
- **Audio Codecs supported:**
  - G.711 PCMU/PCMA
  - GSM-FR
  - G.729a/b
  - G.723.1
  - iLBC
  - Speex
  - And more

### *User Interface*

- Easy branded GUI.
- Modern user interface.
- Easy Localizable messages (English, Spanish, Hebrew and Russian included).

### *Sound Control (Sound Card)*

- Selection of the audio device used by the soft-phone
- Headset support
- USB Headset devices support
- Volume and Gain control
- Mute and Speaker
- Local signalization files: Ringing-tone, Ring back-tone, Busy-tone, DTMF-tones



## *Video Specifications*

### *Video codecs information:*

	<b>H.263+</b>	<b>H.263</b>	<b>H.261</b>	<b>H.264</b>
CPU consumption	High	Average	Low	Very High
Compress quality	High	Average	Reasonable	Very High
Picture quality	High	Average	Reasonable	Very High

### *Video Standards*

Supported video codecs:

H.261, H.263, H.263+, H.264

**(Note: H.264 requires HT based CPU, or 1.2 GHz Centrino CPU)**

### *Live video resolution*

CIF (352X288 pixels in size)

### *Video frame rate*

Up to 15 frames/sec: 64 Kbps – 128 Kbps

Up to 20 frames/sec: 192 Kbps

Up to 30 frames/sec: 256 Kbps and higher

## *Minimum PC Requirements*

- Pentium III 1GHz PC
- Windows 2000, XP
- 25 MB available disk space
- 64 MB memory for Windows 2000
- 128 MB memory for Windows XP
- Available USB port for video device



## *About MailVision*

**MV** develops and markets SIP enhanced services platforms for Wireless, Telco's and NGN service providers.

**MV brings to the market a value proposition that offers both technological and commercial benefits:**

- Enabling technology architecture developed to the prevailing VOIP standard uniquely suited for NexGen Networks and VoIP applications
- Telco-grade product platform that is affordable for small networks
- Highly scalable platforms for both small and large deployments while maintaining an aggressive ROI model.

Deployed systems already generating revenues (First class customer reference sites).

Founded in 1997, MailVision has offices in Sunnyvale, California and an R&D center in Haifa, Israel.

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