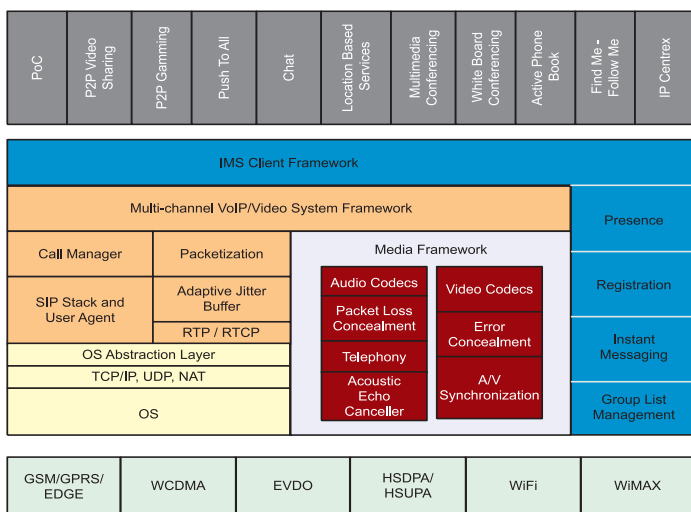


HelloSoft's Video-Enabled IMS Client for Personal Computers

Enabling the deployment of next generation voice and multimedia applications, HelloCommunicator™ provides carrier-grade VoIP and comprehensive IMS client framework with rich media features. The product can be licensed as a downloadable ready to use client on the PC.

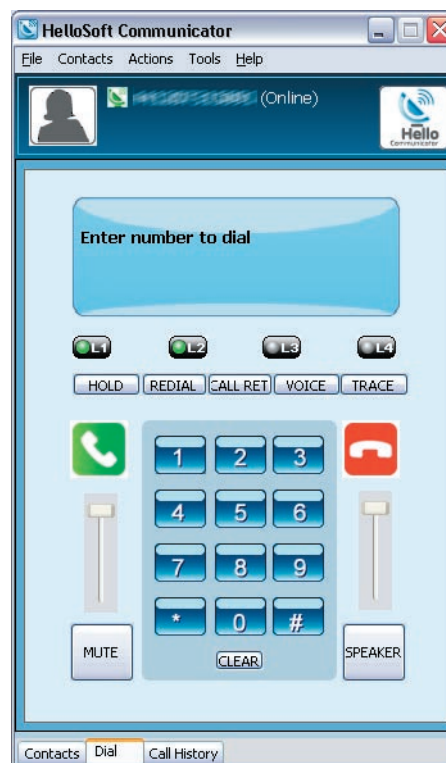
HelloCommunicator client is a standards-based complete IMS solution for the PC. HelloSoft's award-winning and commercially deployed comprehensive SIP-based VoIP stack forms the core component of the product. The 3GPP compliant IMS client framework provides reusable multimedia service enablers such as – IM, Presence, Group List Management, for fast and easy deployment of innovative applications. The complete product with customizable GUI support for voice, chat, messaging, phone book, contact list and video telephony applications enables service providers to extend their IMS service offerings to the PC.

IMS Application Framework



Benefits

- Superior voice quality
- High quality full-duplex Acoustic Echo Canceller (AEC)
- Enables new business model using multimedia application with fast time-to-market



Features

VoIP

- Signaling and Transport: Comprehensive standards based SIP, RTP/RTCP
- Media Processing Components:
 - ◇ Narrow band codecs: G.711, G.729AB, G.723.1, G.726
 - ◇ GSM - AMR NB and iLBC
 - ◇ Wide band codecs: G.722, G.722.1
- QoS Components:
 - ◇ Acoustic Echo Canceller
 - ◇ Automatic Gain Control
 - ◇ Noise Suppressor
 - ◇ Voice Activity Detection
 - ◇ Comfort Noise Generation
 - ◇ Packet Loss Concealment
 - ◇ Adaptive Jitter Buffer
- Call Features
 - ◇ Call Mute
 - ◇ Call Forwarding
 - ◇ Call Hold/Resume
 - ◇ Blind Call Transfer, Attended Call Transfer
 - ◇ Bridge Conferencing
 - ◇ Caller ID with Blocking
 - ◇ Call Waiting with Cancel option on 'per call' basis

Video

- Video codecs: H.263, H.264, MPEG4
- A/V Synchronization
- CIF/QCIF upto 30 fps
- Start/Stop video

IMS

- Service enablers: IM, Presence, GLM, Registration
- Mobility Management
- OMA compliant OTA provisioning and upgrades

Security

- TLS
- SRTP
- IPSec and VPN support

NAT traversal

- STUN
- TURN (STUN Relay)

HelloCommunicator specifications

- 3GPP IMS
- TS 24.228, Release 5/6 - IMS call control with SIP & SDP
- TS 24.229, Release 6 - IMS SIP, SDP usage
- TS 24.841, Release 6 - Presence Service
- Ts 22.940, Release 6 – Messaging
- 3GPP TS 23.206: "Voice call continuity between Circuit Switched (CS) and IP Multimedia Subsystem (IMS); Stage 2"
- OMA SIMPLE
- IETF
- RFC 3261 – SIP
- RFC 3263 - Locating SIP servers
- RFC 3262 - PRACK support
- RFC 3264 - Offer/Answer
- RFC 3265 - SIP event notification
- RFC 3311 - UPDATE method

Availability

- OS – Windows 2K, Windows XP and Windows Vista
- Platform – Intel, AMD
- IOT – Tested with multiple IMS infrastructure partners

For further information, please contact us at info@hellosoft.com