



Nuvoiz Communicator



Nuvoiz Communicator is the ideal unified communications client for small to large businesses. It is an enterprise-class client with a rich array of features that ensure mobility, ease-of-use, interoperability through standards compliance, and excellent voice quality using advanced technologies. These features and capabilities collectively position Nuvoiz Communicator beyond and ahead of other unified communications systems in the market.

Superior Voice Quality

Nuvoiz Communicator employs an advanced sound engine, the eSound Engine™ from OKI Electric Industry Co., Ltd. of Japan. It employs a wider bandwidth voice encoding methodology. This is combined with improved jitter buffer management and packet loss concealment techniques to deliver unparalleled voice quality.

Intuitive User Interface

Nuvoiz Communicator has an easy-to-use mobile phone style interface that is designed to be more intuitive than a typical Windows VoIP application. The UI comes initially with two basic skins with more to be available in the near future.

is easily customizable for an even more differentiated or personalized look.

SIP and XMPP Compliant

Nuvoiz Communicator is SIP and XMPP compliant, which ensures that it has the highest level of interoperability with other SIP and XMPP servers and

clients. This makes it interoperable with other clients such as Google Talk.

Works in WiFi and 3G Networks

Mobility is an important requirement in unified communications. Nuvoiz Communicator enables users to be highly mobile by supporting WiFi and cellular 3G broadband wireless networks. Users can talk and instant message on the go, whether their device or laptop is connected to a local WiFi network or wide area 3G cellular network.

Optimal Peer-to-Peer Connectivity

Nuvoiz Communicator uses Nuvoiz's patent-pending NAT and firewall traversal technology for 100% VoIP call connectivity through peer-to-peer connections as first goal, or media relay as backup. With this optimal peer-to-peer approach, call quality is assured to be very high.

Automatic Provisioning

Nuvoiz Communicator clients can be automatically provisioned so that users need not manage complex client settings. User profiles are centrally managed by administrators.

Security

Nuvoiz Communicator can automatically authenticate provisioned clients when they first connect. SIP messages between Nuvoiz Communicator and Nuvoiz VoIP Network Controller can be SSL encrypted.



Overall Features

- Multi-platform support for PCs and PDAs (Windows XP/2K, Windows Mobile 5.0, Windows Mobile 2003)
- Support for WiFi and 3G and faster networks
- Multilingual support – English, Japanese
- Auto-provisioning and software updates
- Single login to SIP and XMPP servers
- Modular design – plugins can be added/removed for features
- Changeable skin color
- Customizable event sounds and ringtones

Telephony/Call Features

- SIP compliant – works with other SIP clients
- One-click real-time voice recording with permission
- On-demand voice recording playback
- DTMF dialing (PBX interoperability)
- Call holding and call transfer
- Caller ID (SIP ID)
- Call blocking
- Call history – outgoing, incoming, missed (filterable)
- Voice mute
- Voice activity indicator – local and remote
- Active call and call recording timers
- Click-to-call from Web browsers
- Call from Microsoft Outlook with Nuvoiz add-in

Audio Features

- Adaptive jitter buffer
- Packet loss concealment

- Dynamic real-time CODEC switching (G711, G729, G722, G723)
- Automatic gain control
- Echo cancellation
- Selectable system audio (if more than one is available)

Contact List Features

- XMPP server auto-sync
- Add, delete, modify contact
- Contact watching and blocking
- Contact presence status – online, busy, away, invisible
- Direct dial contacts with PSTN numbers

Instant Messaging Features

- XMPP compliant – interoperates with other XMPP services
- Selectable presence status – online, busy, away, invisible
- Simultaneous talk and instant message
- File transfer over HTTP including non Nuvoiz services

Network Features

- Intelligent NAT and firewall traversal with Nuvoiz VoIP Network Controller
- 100% call connection through NAT and firewalls
- Auto selection of UDP, TCP, HTTP, RTP for best case connection – protocol tunneling supported
- Key-based authentication support into service provider network
- Diagnostic logging for connection troubleshooting
- No supernode function

Minimum System Requirements

PC: <ul style="list-style-type: none">• 1GHz or higher processor clock speed recommended• Intel Pentium/Celeron family, AMD K6/Athlon/Duron family, or compatible processor recommended• Windows 2000/XP• Minimum 128MB of RAM• 10MB available hard disk• Good quality speakers and microphone — built-in or headset• Broadband internet connection (wired or wireless)	Mobile Device: <ul style="list-style-type: none">• Intel CPU with 520MHz clock speed or equivalent• Windows Mobile 5.0• 64MB of RAM• 128MB of ROM• 320x240 display size• Good quality speakers and microphone — built-in or separate headset• Broadband internet connection (wired or wireless)
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Nuvoiz, Inc. is a privately held independent software developer and handset integrator in the mobile VoIP over Wi-Fi market headquartered in Mountain View, California, with a subsidiary in Tokyo, Japan.

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