TELEPIXELS
Telecom,Technology,Results

Telepixels VoIP Dialer

We, at Telepixels, make every effort to provide high quality, feature-rich products along with the requisite services at reasonable prices and also to ensure that our customers are wholly satisfied with the products and the services.

- CEO, Telepixels

CONTACT US

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OVERVIEW

VoIP Tunneling technologies used to bypass firewall blockages on VoIP.

NAT Traversal facility.

Hard coded IP address; user registration requires only username and password.

Telepixels VoIP Dialer is a custom-developed software application, which when installed on a mobile phone, facilitates the mobile phone to make calls to another mobile phone using VoIP. Our dialer makes use of the Session Initiation Protocol (SIP) as the signaling protocol and Secure Real-time Transfer Protocol (SRTP) for transmitting voice across the network.

Our dialers are developed using various development platforms to make it compatible with the Operating System of the preferred mobile device like Android, Symbian, Windows Mobile, iOS, Blackberry, etc. It is also compatible with various OS on a PC.

The installation of our dialer application is extremely easy requiring bare minimal steps. The application provides good voice quality with minimum delay. The User-Interface for our dialer is very pleasant and clear-cut and is loaded with features like auto-login and direct phone book integration among others.

In addition to developing the dialer application based on customer requirements, we provide the requisite training to the customer to make them comfortable with it.

FEATURES & SPECIFICATIONS

SPECIFICATIONS

- Session Initiation Protocol (SIP) for signaling
- Secure Real-time Transfer (SRTP) Protocol for voice transport
- Supports 5,000 concurrent calls
- Compatible with 2G/GPRS, EDGE, 3G, Wi-Fi connections
- The audio codecs supported include GSM, G729 and G723.1
- The compatible OS for mobile devices include:
    - Android OS V 2.0 and above
    - BlackBerry V 4.0 and above
    - iOS – all versions
    - Symbian S60 3rd edition, 5th edition, S60 3 Feature Pack 1 and Feature Pack 2
    - Windows Mobile V 4.0 and above
- The compatible OS for Personal Computers include Linux, MAC, Windows XP & above
- Technologies like RTP Encryption, HTTP tunneling, XOR algorithms and Media relays ensures that it works on networks that block VoIP
- NAT Traversal or Private IP address
- Hardcoded IP address ensures user registration only with username and password.

FEATURES

- Easy Installation and friendly user-interface
- Supports Incoming and Outgoing calls
- Auto login functionality
- Direct Integration with Phone Address Book
- Application is capable to changing access code at any point of time
- Application can be locked to one provided and blocked while the user is roaming
- Compatible with all softswitches supporting SIP
- Keeps track of the connectivity to the server with appropriate notification to the user in case of registration failure, along with the reason for failure like low balance, incorrect PIN, etc.
- Minimal delay with good Voice quality
- Ability to select the Numbers from the contact list, History, and to see people in the network

CUSTOMIZED DEVELOPMENT

- The entire application will be custom developed based on the specific requirements of the customer
- The GUI details, Test Login, SIP server and other documentations related to the requirements are to be provided by the customer

ADDITIONAL SERVICES

WHITE LABELING & CUSTOMIZATION

The VoIP SIP dialer will be a custom-developed application, based on the specific input requirements from the customer, and shall be provided as a white labeled product. The cost and delivery timelines will depend on the specifics of the customer requirement and shall be agreed upon mutually.

TRAINING THE CUSTOMER & USER MANUAL

We provide the requisite training to our customer to get acquainted with the application. A user manual shall also be provided, if required.

PRODUCT SUPPORT & TROUBLESHOOTING

We provide technical support to help the customer with any kind of technical difficulties and also assist in troubleshooting to diagnose the source of an issue and fix them.

If interested or for any further queries, please email us at:

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