REDCOM® Secure Client

Secure Unified Communications app for Android™, iOS™, and Windows®

The REDCOM® Secure Client bridges the worlds of telephony and IT by providing the means for seamless secure communications in an increasingly mobile and web-centric world. With the REDCOM Secure Client, users gain access to powerful UC functions — including voice, video, and chat — from the convenience of a PC, smartphone, or tablet.

Secure communications

Protect critical communications by taking advantage of the REDCOM Secure Client's powerful 2048-bit RSA encryption for voice, video, and chat. The REDCOM Secure Client for Android™ also features FIPS 140-2 validated encryption.

Built on open standards

As a SIP-based softphone, the REDCOM Secure Client is interoperable with industry-standard devices. Extend the value of REDCOM Sigma® call control software or HDX/SLICE® platforms by bringing the power of unified communications to your PC or mobile device.

Integrated push-to-talk (PTT)

Built-in push-to-talk technology enables the REDCOM app to key a radio in the network. Where the endpoint isn't a radio gateway, the PTT function can mute/unmute communications, ideal for noisy environments.

Intuitive user interface

The REDCOM Secure Client's user interface focuses on human ergonomics for maximum accessibility. Multitasking support enables you to receive incoming calls on the REDCOM Client while using other apps.

Full MLPP support

The REDCOM Secure Client features support for industry-standard Multi-Level Precedence and Preemption (MLPP), including call forwarding and call transfer, to ensure that the most important calls get through during crisis situations.

Dual registration for survivability

The REDCOM Secure Client supports true dual registration to two independent SIP servers.

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REDCOM Secure Client Features

GENERAL FEATURES

- True dual registration to two independent SIP servers
- Call forwarding with MLPP
- Call transfer with MLPP
- Call hold
- Call history (view & delete)
- Calling number delivery
- Three-way calling
- Missed call notifications
- Attended transfer
- Blind transfer
- Support for ICE (SIP)
- Noise suppression
- Echo cancellation (device dependent)
- Provisioning via configuration file
- Integrates with your device's contact list
- Dial plan rules
- Auto start on bootup
- RFC 2833: DTMF for IP networks
- Push-to-talk (PTT)[1]
- Emergency call handling by native dialer (Android™ and iOS™)
- Voice Mail message management[2]

UNIFIED COMMUNICATIONS FEATURES

- Real-time voice
- Point-to-point video
- Desktop streaming (Windows® only)
- Full XMPP support, including:
  - Presence
  - One-to-one chats

SUPPORTED AUDIO CODECS

- G.711 (A-law and μ-law)
- G.722
- G.729
- Opus
- Speex

SUPPORTED VIDEO CODECS

- H.264
- VP8

SECURITY FEATURES

- Call encryption (TLS/SRTP)
- Mutual authentication
- FIPS 140-2 validated encryption (Android™)

REAL-TIME NETWORK/ PERFORMANCE TROUBLESHOOTING:

- Caller identity
- Call duration
- Codec/frequency
- Local & remote IP/port
- Bandwidth usage
- Loss rate
- FEC decoding packet count
- Discarded packet count
- Jitter buffer status

SYSTEM REQUIREMENTS

- Google Android™
  - Android 4.4 (KitKat) or newer
- Apple iOS™
  - iOS 10 or newer
  - iPhone 6 or newer
- Microsoft® Windows®
  - Runs on a standard Windows® 7 or Windows® 10 PC (64 bit)
  - Processor: dual/quad core (x64)
  - Memory: 4GB RAM
  - Compatible with REDCOM HDX, SLICE®, SLICE® 2100, SLICE® 2100 Micro, SLICE® IP, SLICE® IP Micro, and Sigma Core
  - LAN Interface: 10/100/1000 Mb Ethernet

GET IT ON Google Play

Download on the App Store

1 To take full advantage of PTT features, we recommend connecting through a REDCOM HDX, SLICE, or Sigma. Contact REDCOM for more information.
2 Requires REDCOM Sigma 2.1 or later.
This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (http://www.openssl.org/).
This product includes cryptographic software written by Eric Young (eay@cryptsoft.com).

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