



# Sigma® Client for Android™



Secure Unified Communications app

The REDCOM Sigma® Client for Android 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 Sigma Client, users gain access to powerful UC functions — including voice, video, and chat with presence — from the convenience of an Android smartphone or tablet.



## Full MLPP Support

The Sigma Client for Android 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.



## Built on open standards

As a SIP-based softphone, Sigma Client is interoperable with industry-standard devices. Extend the value of REDCOM's Sigma Core software or HDX/SLICE® platforms by bringing the power of Unified Communications to your Android device with the Sigma Client.



## Integrated Push-to-Talk (PTT)

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



## Intuitive user interface

The Sigma Client's user interface places common functions on an easily-accessible dashboard. Multitasking support enables you to receive incoming calls on the Sigma Client while using other apps.



## Secure communications

Protect critical communications by taking advantage of the Sigma Client's powerful 2048-bit RSA encryption for voice, video, and chat.



## Dual registration for survivability

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



# REDCOM Sigma® Client for Android™ 1.0 Features

## GENERAL FEATURES

- True dual registration to two independent SIP servers
- Call Forwarding with MLPP
- Call Transfer with MLPP
- Call Hold
- Call History
- Calling Number Delivery
- Three-Way Calling
- Missed call notifications
- TLS/SRTP support for secure calls
- Attended transfer
- Blind transfer
- Support for ICE (XMPP)
- Noise suppression
- Echo cancellation (device dependent)
- Provisioning via configuration file
- Integrates with your device's contact list
- RFC 2833: DMTF for IP networks
- Push-to-Talk (PTT)<sup>1</sup>

## UNIFIED COMMUNICATIONS FEATURES

- Audio calls
- Video Calls
- Full XMPP support, including:
  - ◆ Presence
  - ◆ One-to-one chats

## SUPPORTED AUDIO CODECS

*Here is a sample of some of the audio codecs we support. For more information, contact REDCOM Sales at 585-924-6500.*

- G.711 (A-law and  $\mu$ -law)
- Opus
- Speex

## SUPPORTED VIDEO CODECS

- H.264
- VP8

## 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 4.4 (KitKat) through 5.1.1 (Lollipop)

<sup>1</sup> To take full advantage of PTT features, we recommend connecting through a REDCOM HDX or SLICE softswitch. Contact REDCOM for more information.

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