



Sigma® Client for Android™



Secure unified communications app

Secure. Fast. Easy.

The REDCOM® Sigma® 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 Sigma Client, users gain access to powerful UC functions — including voice, video, and chat — 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 focuses on human ergonomics for maximum accessibility. Multitasking support enables you to receive incoming calls on the Sigma Client while using other apps.



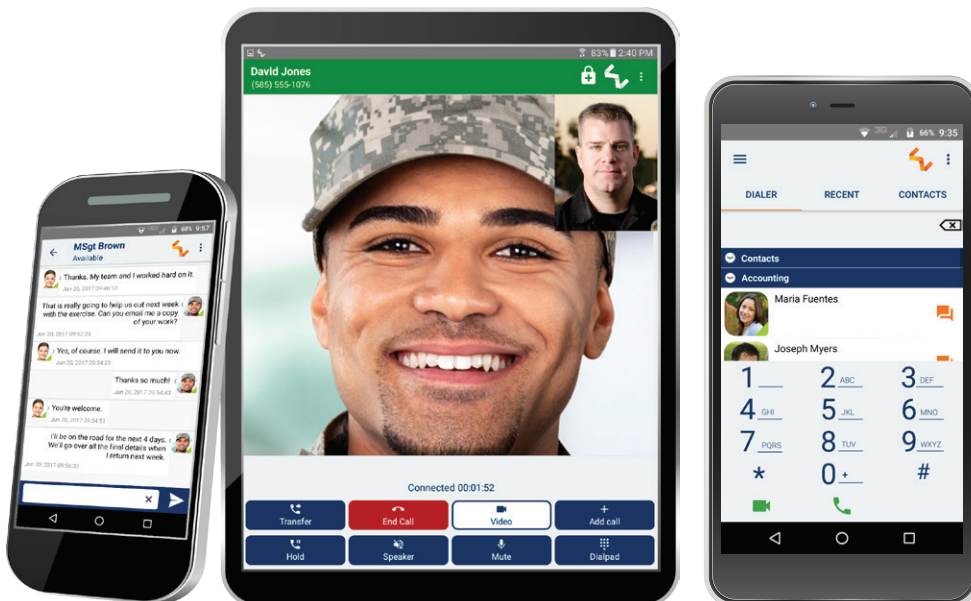
Secure communications

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 1.1 for Android™ 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 (XMPP)
- 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: DMTF for IP networks
- Push-to-talk (PTT)¹
- Emergency call handling by native dialer

UNIFIED COMMUNICATIONS FEATURES

- Real-time voice
- Point-to-point video
- 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
- Mutual authentication
- TLS/SRTP support for secure calls

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 & above



¹ To take full advantage of PTT features, we recommend connecting through a REDCOM HDX, SLICE, or Sigma Core. Contact REDCOM for more information.
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