



Sigma® Client for Windows®

Secure unified communications app

The only softphone on the DISA Approved Products List (APL)*

The REDCOM® Sigma® product family is a complete software-based unified communications (UC) solution with features and capabilities particularly useful for government and military users. With the REDCOM Sigma Client, you can now gain access to powerful UC functions — including voice, video, and chat — from the convenience of a Windows® PC or tablet.



Full MLPP support

The Sigma 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.



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 Windows PC or tablet with the Sigma Client.



Secure communications

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



Intuitive user interface

The Sigma Client's customizable user interface is easy to learn and can be easily adapted to meet your requirements.



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.



Dual registration for survivability

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



REDCOM Sigma® Client 3.3 for Windows® 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)
- Call recording
- Three-way calling
- Calling number delivery
- Missed call notifications
- 12 programmable speed dial buttons
- Configurable color-coded banner for NIPR, SIPR, and coalition network connections
- Audio conference bridge
- Audio level display
- Attended transfer
- Blind transfer
- Support for ICE (XMPP)
- Noise suppression
- Echo cancellation
- Support for LDAP directories
- Provisioning via configuration file
- RFC 2833: DMTF for IP networks
- Push-to-talk (PTT)¹

UNIFIED COMMUNICATIONS FEATURES

- Real-time voice
- Point-to-point video
- Desktop streaming
- Full XMPP support, including:
 - ◆ Presence
 - ◆ One-to-one chats
 - ◆ Persistent and ad-hoc multi-user chats
 - ◆ Group administration
 - ◆ OTR encryption

SUPPORTED AUDIO CODECS

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

SUPPORTED VIDEO CODECS

- H.264
- VP8
- RED and ULPFEC support

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

- 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

* Sigma is the only softphone on the DISA UC Approved Products List as of June 24, 2016

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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