

Bittium

Bittium Tough VoIP Softphone™



Bittium Tough VoIP Softphone™ is a VoIP client for tactical communications. Softphone provides Bittium Tough VoIP Service™ functions to PC users from an easy to use graphical user interface.

Softphone supports VoIP calls, instant messaging and meeting rooms. Interoperability with a distributed call service like Bittium Tough VoIP Service™

and features like Push-to-Talk (PTT) functionality make it a perfect VoIP application for tactical network users.

Benefits

- › Easy to use and simple configuration
- › Functionalities for tactical network, such as Push-To-Talk button (PTT) and group messaging
- › Interoperability with third party SIP services in addition to Bittium Tough VoIP Service™ functions

Use case examples

- › Normal (p2p), group and priority calls
- › Several concurrent calls per user
- › Meeting rooms with chat and audio

FOR MORE INFORMATION, PLEASE CONTACT:

defense@bittium.com

Bittium Tough VoIP Softphone™

Technical Features

Functionalities

- › Showing status, contacts, meeting room, recent calls and settings views
- › User's personal telephone number and registration status to Bittium Tough VoIP Service or third party SIP service
- › Several simultaneous active calls in own windows
- › Presence status for contacts (RFC 3856)
- › Phonebook (LDAP)

CALL FEATURES WITH BITTIUM TOUGH VOIP SERVICE™

- › Normal calls (p2p)
- › Group calls (predefined, adhoc)
- › Priority calls
- › Multichannel calls

- › Call forward, transfer, on hold
- › Auto-answer and do not disconnect
- › PTT and DTMF signaling
- › Instant messaging (chat)
- › Meeting rooms with chat and audio

Technical specifications

SIGNALING PROTOCOLS

- › SIP (RFC 3261)
- › SDP (RFC 2327 / 4566)
- › Presence event package (RFC 3856)

VOICE SIGNALING

- › RTP/RTCP (RFC 3550)
- › Telephone events (RFC 2833)

MESSAGE SIGNALING

- › SIP messaging (RFC 3428)

AUDIO CODECS

- › G.711, G.729AB, GSM, Speex, MELPe 2400

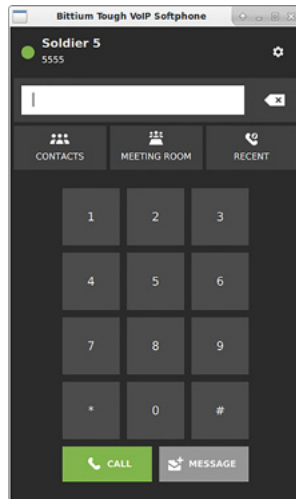
PHONEBOOK

- › LDAP (RFC 451)

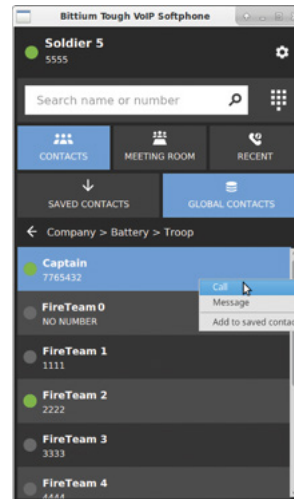
Supported platforms

- › Computers
 - › Installation packages for Linux and Windows platforms
- › Portability to Android platforms
- › Bittium Tough SDR™ on the roadmap

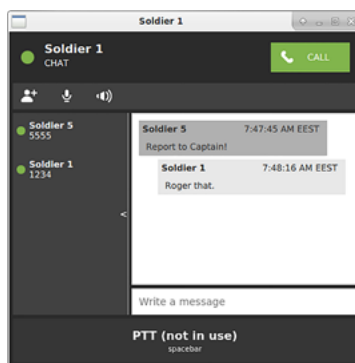
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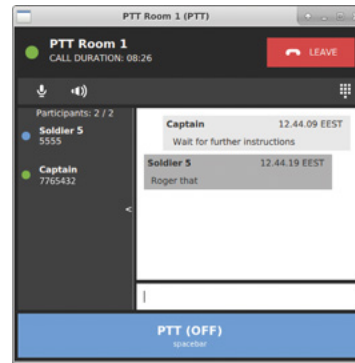
Soft keyboard



Contact view



Chat



Meeting room