CONNECT PLUS !!!

phone@trbo™: telephone interconnect

Intelligent phone patch for Motorola MOTOTRBO™ 2-way radios

Use your radios to make and receive phone calls

The phone@trbo™ system allows radios to connect to corporate office phone systems (PBX) or even the public switched telephone network (PSTN). Incoming calls can be to individual or groups of radios.

- Pre-program a button to make emergency 911 calls
- After hours transfer calls to security guard's radios while and dispatch-assisted call patching
- Use the company's phone system to dial a specific radio or talkgroup
- Make emergency calls to the AllCall talkgroup
- Man-down emergency support for unmonitored lone worker
- Record telephone conversation

Simple to configure, flexible and affordable

phone@trbo™ offers the features of a traditional analog phone patch while adding the benefits of both VoIP telephony and MOTOTRBO™ radios. For instance, text messaging is used for signaling, not only to make and hang up a call, but also to notify the caller-ID of an incoming call. In case the call is missed, it is easy to call back by simply replying to the caller-ID text message.

phone@trbo™ is flexible in handling incoming calls: it can be configured to either route a call to a predefined talkgroup or individual radio, or to send it to the integrated interactive voice response system (IVR) where the user can dial a specific radio or talkgroup.

When deploying phone@trbo™, it acts as a simple telephone extension of an IP-based PBX connected through the LAN. It can also support legacy analog telephone systems using an inexpensive external analog FXO gateway adapter. With VoIP PBX you can assign individual extensions to individual radios or groups

Unlike other solutions, it does not require option boards to be installed in the radio or entitlement ID for the repeaters, it supports any MOTOTRBO™ architecture (conventional, IP Site Connect and Capacity Plus), and it is very affordable. To allow such flexibility and reduce deployment costs, only one control station is required. MOTOTRBO's Transmit Interrupt makes ¾ duplex operation very friendly to phone callers.

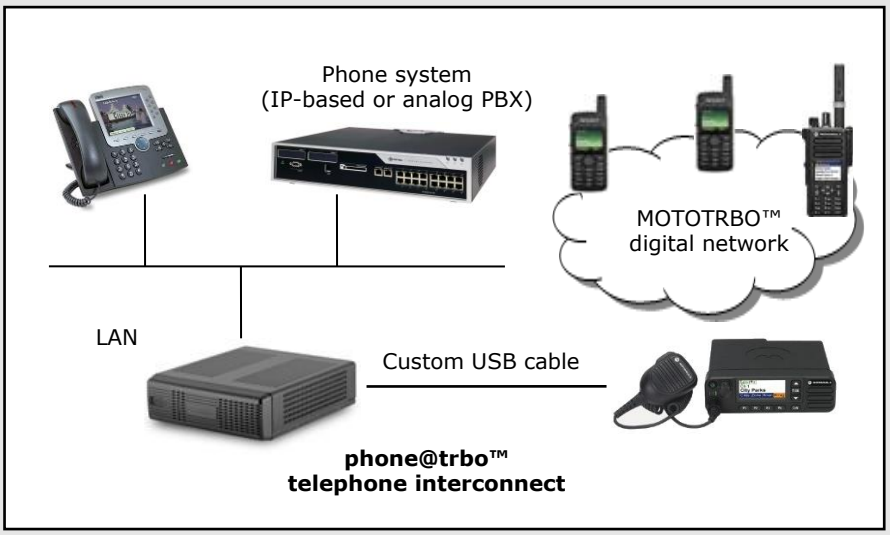
The phone@trbo™ system includes the iTalkie™/RG radio gateway software which allows expansion to all the features of the iTalkie™ solution, including email, dispatch, fleet management, SCADA and logging. It is shipped in a pre-configured system with tools to simplify deployments and custom audio/data cable.

Selected Features

- Private, group calls and AllCall
- IETF SIP compliant
- Supports IP-PBX and legacy analog PBX
- Text and voice based signaling
- Route incoming calls
- Single line, single channel (one slot)
- Half-duplex (+ TX interrupt)
- Advanced voice activation, noise canceling and other signal processing
- Last caller redial
- FCC 90.483 compliant
- Rapid deployment
- MOTOTRBO™ radio interface
- Expandable solution

Typical Applications:

- Security
- Manufacturing
- Public utilities
- Government
- Education
- Health care
- Other commercial markets



phone@trbo™
telephone interconnect

MOTOROLA
PartnerSelect
ISV
partner

MOTOROLA SOLUTIONS
GOLD CHANNEL PARTNER
Professional and Commercial Radio Application Specialist

TABLETmedia

phone@trbo™ – MOTOTRBO™ phone interconnect

Features

- Private calls to individual radios, group calls to multiple radios and AllCall
- Direct patch to talkgroups or individual radios
- Voice-menu or SIP-trunk based automatic call routing
- Use touch-tones to over dial a specific radio or talkgroup
- Emergency dialing to predefined number with pre-recorded message
- Text messaging-based dial, hang-up and incoming call notification with caller-ID
- Hot-keypad DTMF dialing and hang-up
- Return calls by replying to caller-ID text messages
- Support non-keypad radios and MOTOTRBO Transmit Interrupt
- Optional delayed phone answer when subscriber answer
- IETF SIP complaint telephony signaling
- FCC 90.483 compliant timeouts
- Program radios with 1-button dial
- Extensive signal processing to reduce noise and adjust audio levels
- Small form factor turnkey system, about the size of a mobile radio
- Easily expandable with services such as email, SCADA, dispatch, logging, etc.

Easy to deploy

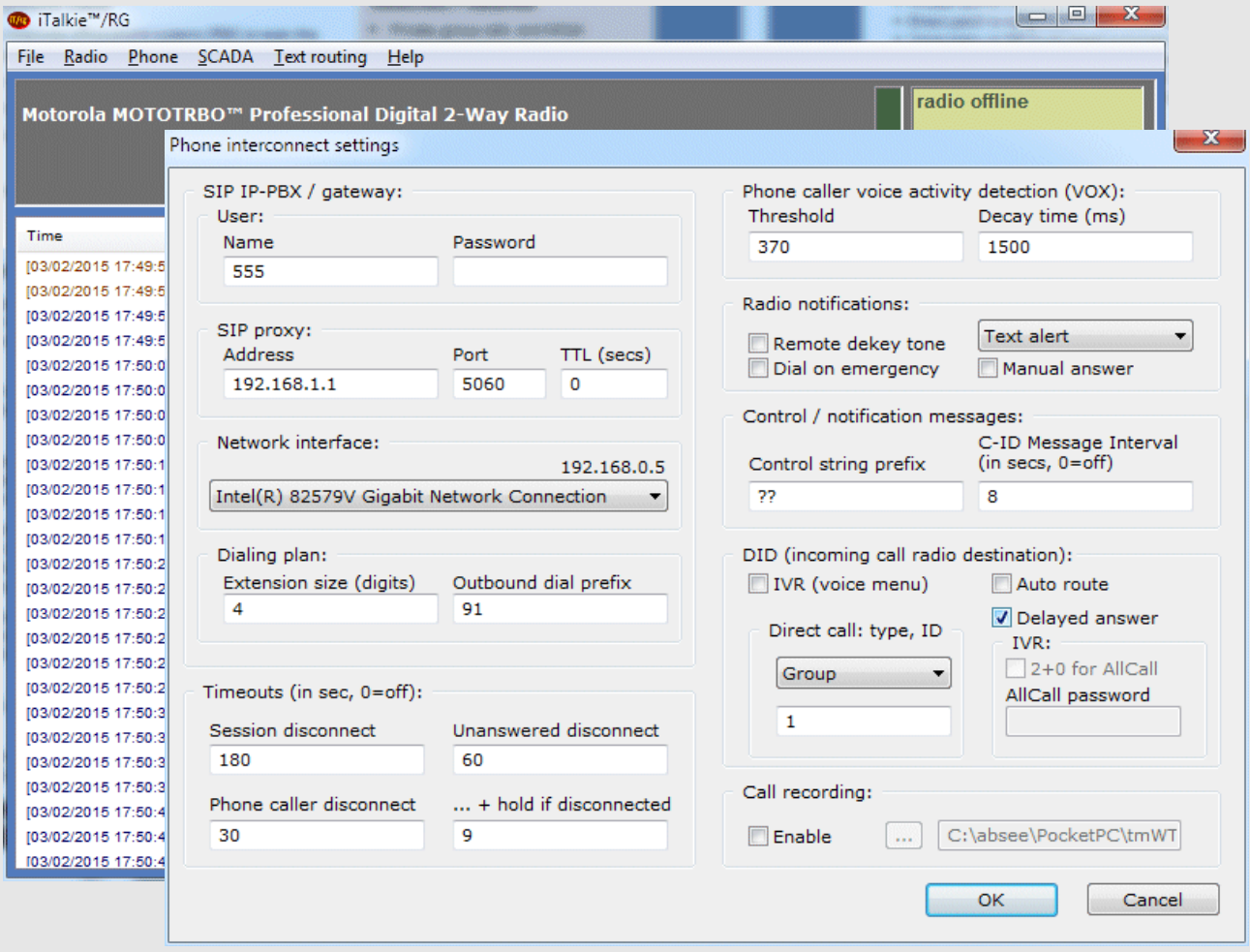
- Acts as an normal telephone extension
- Turnkey system with remote management
- Network connection to PBX or to analog FXO gateway
- Radio connection: standard MOTOTRBO™ mobile USB programming cable with custom audio cables

Professional services:

- Customizations available for special requirements

FCC compliance:

- Telephone interconnects require specific FCC licensing



TABLETmedia, Inc.
3035 Scott Street
San Francisco, CA 94123
Tel: +1 (415) 567-8100

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