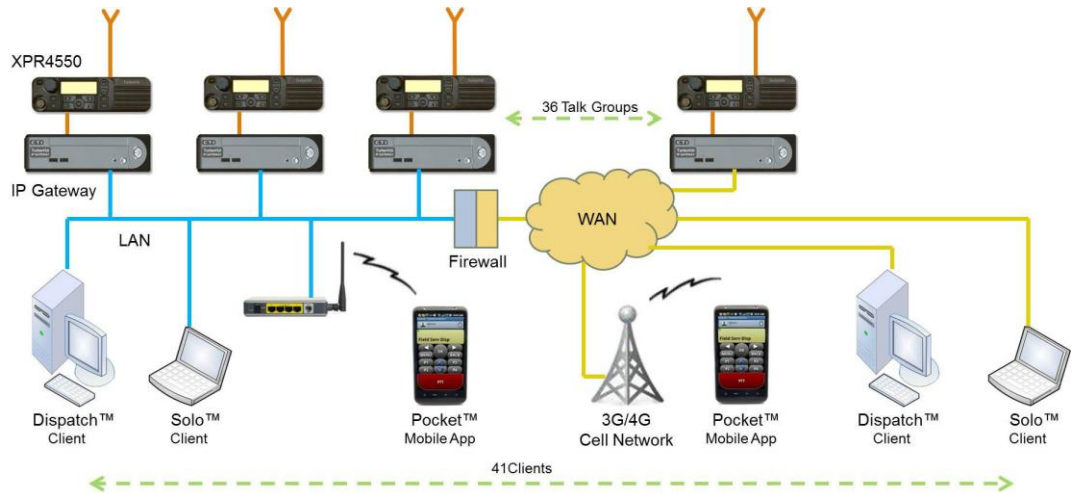




TurboVUI™ for MOTOTRBO™ Professional 2-Way Radio Systems

Voice-over-IP Dispatch Consoles for PCs and iPhone™/iPad™/Android™ mobile devices

TurboVUI provides remote access and VoIP to **MOTOTRBO** radios via IP and cell networks. Client software provides users with a PC-based console for dispatching simultaneous radio channels (**TurboVUI Dispatch**), a virtual radio head that duplicates the full functionality of a control station (**TurboVUI Solo**), or a mobile app that runs on Android phones/tablets and iPhones/iPads (**TurboVUI Pocket**). As shown in the diagram below, a system may have a mixture of all three clients/apps. The IP Gateways interface the radio system to an IP network, ensuring easy wide-area deployment without purchasing and configuring server PCs.



TurboVUI combines flexibility to solve any Radio-Over-IP challenges, ease of system expansion, and cost savings over other solutions.

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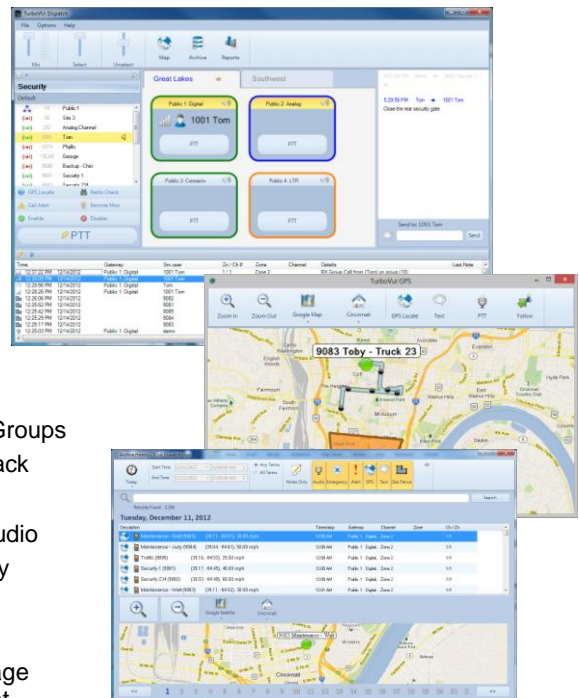
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TURBOVUI DISPATCH CLIENT WITH PROVUI GPS

The **TurboVUI Dispatch** client offers a console-type solution for applications requiring connection to many **MOTOTRBO** radios (control stations). It is designed with an intuitive user interface to minimize learning time and maximize a user's efficiency. The IP Gateways and control station radios can be scattered among different locations, or centrally located. A host of accessories are available to implement an enterprise solution; including desk microphones, headsets, footswitches, and touch screens – all with PTT capabilities.

- Voice Dispatching for 1 to 36 Talk Groups
- Voice and Event Logger and Playback
- Text Messaging
- Multi-Select with Select/Unselect Audio
- All-Call, All-Text, and All-Emergency
- General Purpose I/O
- GPS Mapping of Radio Users
- **ProVUI GPS** optional feature package adds Geo-Fencing, Management Reports, Crumb Trails with Snap-to-Road technology, and Map Image Overlays



TURBOVUI SOLO CLIENT

The **TurboVUI Solo** client presents a virtual radio on a PC's desktop. With a PC or Laptop, and a network connection, group or private calls are as easy as making a selection from the subscriber list, then clicking the Push-to-Talk button.

Use **TurboVUI Solo** client for simultaneous radio sharing instead of tone remotes; this simpler solution allows users of the shared radio to have push-to-talk and listen capabilities, as well as access to all other radio functions. **TurboVUI Solo** can also be used for situations when someone is outside of radio coverage, yet still needs to communicate on the radio system, such as:

- Supervisory remote monitoring of radio channels
- Underground or building facilities that prevent radio communications
- A home office that is beyond the coverage area of a radio system



TURBOVUI POCKET MOBILE APP

TurboVUI Pocket is available for **iPhone**, **iPad**, and **Android** phones and tablets. **TurboVUI Pocket** is useful over cellular networks when you are on-the-go and outside the coverage of your radio system, yet still need radio communications. It can also be used within a Wi-Fi network to lower monthly cellular charges. (**TurboVUI Pocket** places demands on the mobile device's power, so should not be used as a full-time replacement of a radio.)

Features include:

- PTT for Transmit and Receive
- Text Messaging
- Group and Private calls
- GPS Maps of Radio Users
- Connection via Cell or Wi-Fi Network



TURBOVUI IP GATEWAY

The **TurboVUI IP Gateway** provides the hardware interface between a **MOTOTRBO** control station radio and an IP network. (Refer to the **TurboVUI** System diagram on previous page.) In lieu of purchasing and configuring server PCs for this function, the TurboVUI IP Gateway enables **lower cost** and **quicker installation**.

Features include:

- Pre-configured Audio
- Audio Compression
- Small Size
- Remote Interface
- Watch-dog Circuitry



TURBOVUI CLIENT COMPARISON

<i>Feature</i>	<i>Dispatch</i>	<i>Solo</i>	<i>Pocket</i>
Simultaneous Talk Groups	1 – 36	1	1
Clients	1 – 12	1 – 41	1 – 41
Private and Group Calls	Yes	Yes	Yes
Control Station Display		Yes	Yes
Radio ID Aliases	Yes	Yes	Yes
PTT Device Support	Yes	Yes	
Cross-Muting	Acoustic and RF	Acoustic	
Select & Unselect Volume	Yes		
Multi-Select	Yes		
Tx VU Meter	Yes	Yes	
Subscriber Groupings	Yes		
Subscriber Sort & Search	Yes		
All Call, All Text, All Emerg.	Yes		
Radio Check (Find Radio)	Yes		
Call Alert to Radio	Yes	Yes	
Remote Monitor of Radio	Yes		
Radio Remote Disable/Enable	Yes		
Custom Action Buttons	Yes		
Text Messages, Free-Form	Yes	Yes	Yes
Text Messages, Pre-formatted		Yes	
ARS Status	Yes	Yes	Yes
Voice and Event Logger	Hard Disk Capacity	24 Hours	
Dockable Panels	Yes		
Windows Operating System	XP Pro, 7 Pro, 8 Pro	XP, 7, 8	Android ≥1.5 ,iOS ≥4
License Location	Local PC	IP Gateway	IP Gateway
License Method	File & USB Key	Encrypted File	Encrypted File
GPS On-Line Map	Yes		Yes
GPS Off-Line Map	Yes		
GPS Map Service Options	Google, Bing, OpenStreet, Yahoo		Google
GPS Map Location Presets	Yes		
ProVUi GPS option includes:			
Geo-fences	Yes		
Enhanced Trail Crumbs with STR™	Yes		
Management Reports	Yes		
Map Image Overlays	Yes		

INFRASTRUCTURE REQUIREMENTS

<i>IP and Radio Network</i>	<i>Requirement</i>
IP Network	Bandwidth per Channel 22k Bytes/s - High Quality Audio Mode Transport Unicast IP Gateway Fixed IP Address, TCP Port # 48222
MOTOTRBO Radio System	Conventional Digital, Analog, IP Site Connect, Capacity Plus, Linked Capacity Plus, (Connect Plus 1Q2013)

WHY BUY TURBOVUI? FEATURES AND BENEFITS SUMMARY

<i>Support</i>	<i>Benefits</i>
Free Technical Support	Speak directly with product developers Normal hours 8:30am to 5pm EST After-hours 2-hour call-back available

<i>Pricing</i>	<i>Benefits</i>
Channel Based	Never an additional charge when adding subscribers

<i>IP Gateway</i>	<i>Benefits</i>
Designed for Distributed Architecture	Easy, wide-area deployment
Pre-configured Audio	Quick, low-cost installation and unsurpassed audio
Audio Compression	IP network bandwidth requires only 2.2kBytes/s per channel
Small Size	Installation in limited spaces
Remote Interface	Eliminate need for monitor, keyboard, and mouse
Watch-dog Circuitry	Install in remote, unattended facilities

<i>System Accessories</i>	<i>Benefits</i>
Microphones	USB, Analog, and Bluetooth
PTT Switches	Desk Mic or Footswitch (Dual and Triple)
Other	Touch Screen Monitors, Desk Speakers, Rack Shelves

