

# PRODUCT OVERVIEW

[ RBX +PLUS IS  
THE GATEWAY TO  
TELEPHONY FOR  
MOTOTRBO  
RADIOS. ]

## Connecting MOTOTRBO Users to Telephony.

RBX +Plus (Radio Branch Exchange) is the first digital radio telephony system specifically designed to meet the needs of industries that require a customized private mobile telephony network. RBX +Plus brings all the benefits and functionality of corporate unified communications to digital radios, enabling enterprise customers to operate under one private business critical mobile telephony network. Specifically designed for MOTOTRBO radios, RBX +Plus provides companies with a cost effective solution for their mobile workforce while ensuring greater employee safety, security and situational awareness.

**RBX**<sup>+PLUS</sup>

**Teldio**

Communicating Beyond Frequencies™

**RBX +PLUS**

# Quick Facts.

## Key Features

- **RBX's Graphical User Interface** allows for intuitive navigation through familiar phone menu items: Caller ID, Phone Book, Contacts, and more
- **Call Transferring** allows users to transfer calls in progress right from the RBX menu on their radio
- **Custom Auto-attendant Menu** provides phone users dialing into the radio network an automated phone menu
- **Caller ID, Phone Book, Call History,** and other mobile-phone like features
- **Call Recording** enables system administrators to record, store, log and playback hours of conversations
- **IP Site Connect Roaming** allows RBX +Plus subscribers to roam between sites while maintaining the ability to initiate and receive calls
- **Password Protection** for channels, users and talkgroups prevents unwanted phone users from gaining access to secure radio channels
- **User Provisioning** gives system administrators the ability to limit users' access to certain numbers or features
- **TX Interrupt** emulates full-duplex for phone users ensuring that natural conversations can take place between radio and phone users

# Enhancing the power of MOTOTRBO radios.

## BROADCAST INTO TALKGROUPS

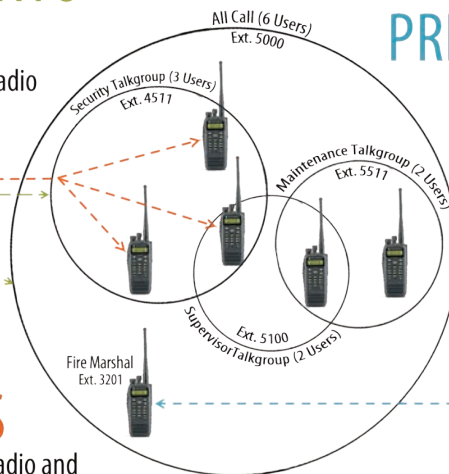
Transform the phone into a radio



Security Supervisor  
Extension 1435

## DIAL INTO CALL GROUPS

Transform the phone into a radio and bridges into a private call with a radio user



## PRIVATE CALLS

Transform the radio into a mobile phone



Fire Inspector  
1 (888) 555-0283

## Make Private Calls

Radio users with a RBX +Plus User License have the ability to place and receive private phone calls from their MOTOTRBO radio. The RBX +Plus software also unlocks a graphical user interface and a full set of advanced telephony features on the handheld. This virtually transforms the two-way radio into a phone. A Motorola Expansion Card is required for this solution.

## Dial Into Call Groups

Call groups are a simple solution to ensure calls are never missed. When a phone user calls into a call group, all radios in the group ring to alert of the incoming call. The first user to connect is bridged into a private call, while the other users are notified that the call has been answered. This solution requires a RBX +Plus User License and Motorola Expansion Card per radio in the group.

## Dial Into Talkgroups

The RBX +Plus application allows phone users to reach radio talkgroups from any phone, anywhere. By simply dialing an extension, the phone user becomes a member of the talkgroup and is able to interact with other radio users. This function essentially transforms the phone into a two-way radio. This solution requires one Talkgroup Extension per group of radios.

## Multiple Integration Options with the RBX +Plus

RBX +Plus is a software application installed on a server which connects digital two-way radios to the world of telephony. The server interfaces to the radio system using MOTOTRBO control stations (mobile radios), and can connect to telephony in multiple configurations. The RBX system is compatible with MOTOTRBO digital radios in Direct, Repeater, Capacity Plus and IP Site Connect modes as well as with analog two-way radios.



Whether the radio user is a Site Supervisor or Field Engineer, communicating with the right parties is an essential function. Allow mobile workers to do more with the tools given to them by enabling two-way radio telephony on MOTOTRBO radios.



# Bridging MOTOTRBO users to telephony...

## For significant cost savings.

The implementation of RBX +Plus eliminates recurring cell phone costs while extending the telephony network's footprint. Teldio's intelligent telephone interconnect provides a long-term solution with no recurring costs. An interconnected radio network is a cost effective alternative to expensive cellphone or Wi-Fi telephony systems. Cellphones are costly and provide no long term investments while Wi-Fi networks, on the other hand, need access points in every room. Two-way radios only require a repeater to cover a radius of up to 20 miles, penetrating effectively through walls and ceilings. No other communication solution can provide the benefits of a private system connected to your corporate communication network, while being mindful of infrastructure costs and eliminating recurring fees.

## For situational awareness.

RBX +Plus provides mobile telephony coverage where mobile phone providers cannot. By enabling telephony on the radio network, RBX +Plus leverages the powerful range and in-building radio penetration of digital radios. The solution allows users to place and receive calls anywhere within the radio infrastructure coverage. Greater control over the private mobile telephony network reduces dependency on cell phone carriers and allows employees to stay connected from anywhere, at all time. Whether it be from an underground parking lot or a remote campus where mobile companies do not provide coverage, the RBX +Plus offers workers greater situational awareness.

## For increased productivity.

Achieving high levels of productivity requires clear, reliable and flexible communication tools to keep personnel working efficiently through long shifts. RBX +Plus enhances the functionality of existing radio infrastructures to increase worker productivity. By using this advanced digital interconnect, supervisors and managers have the ability to reach employees on their radios from any phone, anywhere, anytime. Moreover, individual radio users and talkgroups can make and receive phone calls allowing them to stay connected at all times. RBX +Plus is also the only interconnect to provide workers with advanced mobile phone like functionality, which greatly increases the scope of features available on MOTOTRBO radios.

## For enhanced worker safety.

Access to communication can enable workers to gather critical information without compromising their safety or mobility. With Teldio's RBX +Plus application, workers are always connected right from their MOTOTRBO radios, and never left without means of communication. Workers in distress can call 911 or security channels within seconds. RBX +Plus also allows phone users to broadcast emergency messages to radio users over a private network, ensuring rapid communications to the group. Radio users in distress can also access emergency channels from locations with little to no cell-phone coverage, virtually eliminating the dangers of dead zones.



# Case Study: JW Marriott



JW MARRIOTT.

## The Company.

Located in the beautiful countryside of Cibolo Canyons in South Texas, the JW Marriott San Antonio Hill Country Resort is one of Marriott's largest facilities, with over 1,000 rooms, a conference center of 140,000 ft<sup>2</sup> of meeting space, a six-acre water park, 700 acre preserve, and a 36 hole TPC golf course.

## The Need.

With its newest resort opening its doors in early 2010, the JW Marriott Hill Country Resort wanted to ensure that its new flagship property maintained and even exceeded its already high standards for guest satisfaction. Given the sheer size of the resort, optimizing communications and streamlining operations while focusing on customer satisfaction were of prime concern.

## The Solution.

With Teldio's RBX +Plus, hotel management and employees working on-site or remotely can use mobile or land line phones to place calls that go directly to the radio users on the resort property. By choosing a RBX +Plus and MOTOTRBO solution over push-to-talk technology, the hotel has saved \$14,000 per month in service fees, significantly improved response time to guest requests, and expects to achieve a full return on investment within 18 months.

By leveraging the Teldio RBX's capabilities, third party convention services and other hotel services can directly contact radio users on their radio right from their cell phones or land lines, enabling hotel staff to decrease response times to guests' needs.



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