

TRBOnet PLUS Wave PTX Configuration Guide

Version 6.3

Last revised on 30 April 2025

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1 Introduction

1.1 About This Guide

This document is intended for administrators setting up evaluation and proof-of-concept deployments of MOTOTRBO Dispatch over IP solutions. The document describes the minimum steps required to integrate Wave PTX service into TRBOnet software.

WAVE PTX is a Push-to-Talk (PTT) service that connects phones, computers, and radios together.

1.2 About TRBOnet

TRBOnet is a suite of professional applications for MOTOTRBO digital two-way radio networks. TRBOnet manages voice and data communication paths across network endpoints. It provides a unified graphical dispatcher workbench interface for the entire range of workforce fleet management tasks.

For more information about TRBOnet products, refer to our [website](#).

1.3 Contacts

Region	Phone	Email & Support
EMEA	+44 203 608 0598	info@trbonet.com — general and commercial inquiries
Americas	+1 872 222 8726	support@trbonet.com — technical support
APAC	+61 28 607 8325	https://trbonet.com/kb/ — online knowledge base

2 Configuring TRBOnet Software

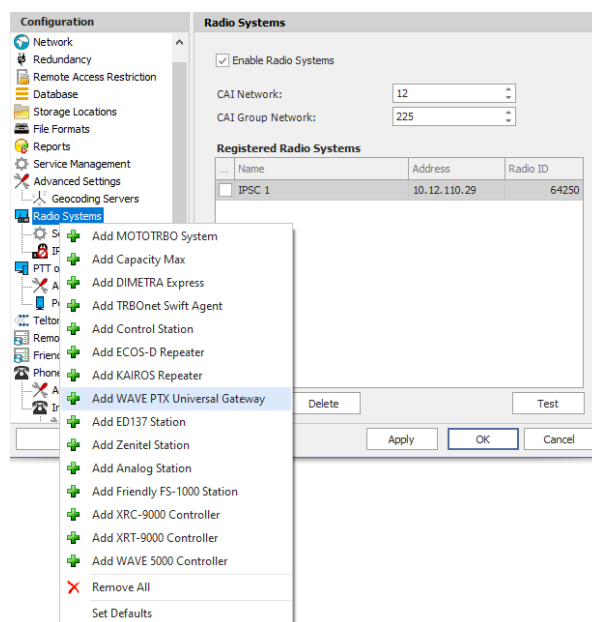
This section describes how to configure TRBOnet software.

2.1 TRBOnet Server

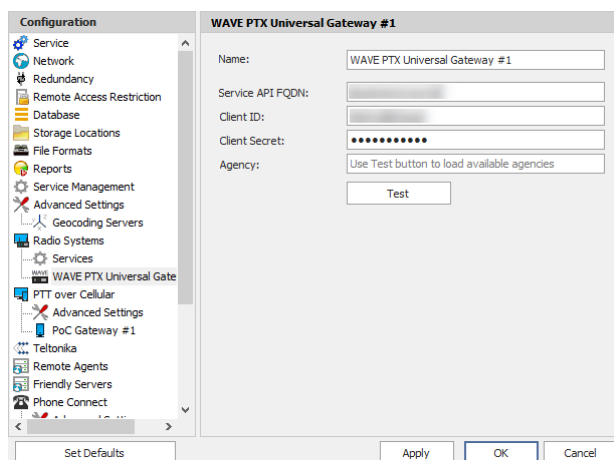
- Run *TRBOnet Server*.

Note: Make sure that your TRBOnet Software license includes Wave PTX.

- In the **Radio Systems** pane, click **Add**.
Or, in the **Configuration** pane, right-click **Radio Systems**.



- In the drop-down menu, click **Add WAVE PTX Universal Gateway**.
The gateway is used to send and receive GPS locations, online statuses, and text messages from Wave devices.



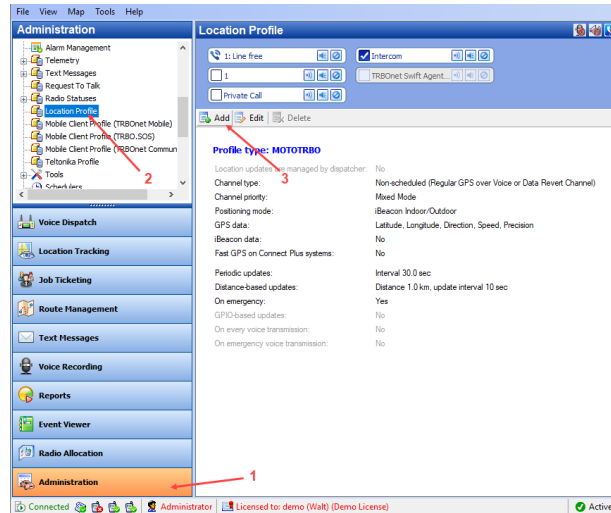
- In the **Wave PTX Universal Gateway** pane, specify the following Wave gateway-related parameters:
 - **Name**
Enter a name for the Wave PTX gateway. This name will be displayed in the Dispatch Console.
 - **Service API FQDN**
Enter the fully-qualified domain name of the service API.
 - **Client ID**
Enter the Client ID that will be used for authentication.
 - **Client Secret**
Enter the Client Secret that will be used for authentication.
 - **Agency**
Enter the name of the agency that will be used.
 - **Test**
Click this button and see the list of all available agencies.

2.2 TRBOnet Dispatch

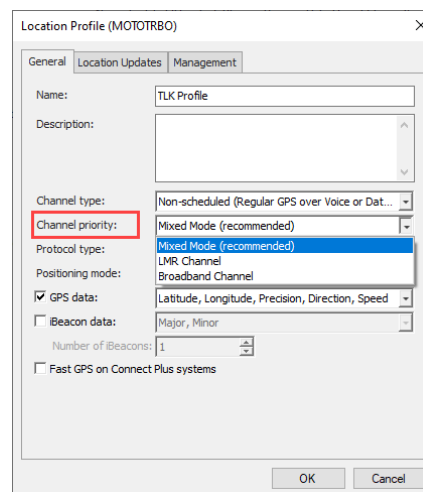
- Run *TRBOnet Dispatch*.

2.2.1 Location profile for WAVE radios

- Go to **Administration** (1), **Location Profile** (2).



- Click **Add** (3) to add a location profile for WAVE radios.



■ Channel priority

Select either **Mixed Mode** or **Broadband Channel**.

- **Mixed Mode**

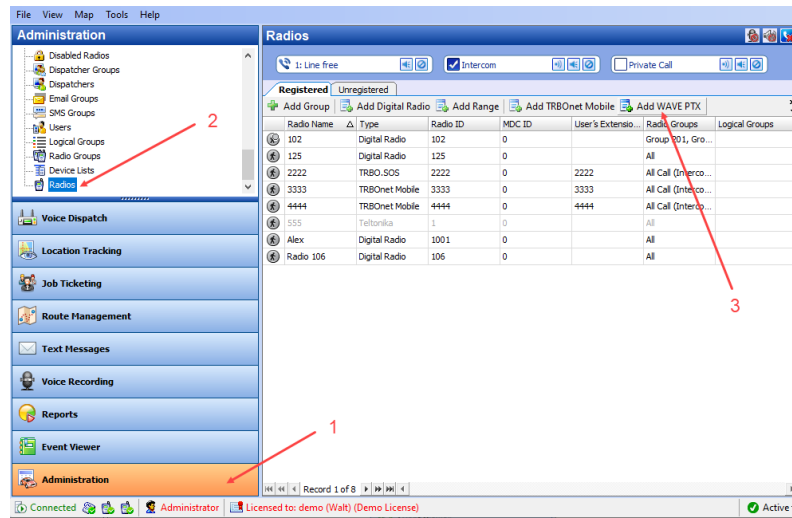
Select this option if the WAVE radio is a device that operates on both LMR and broadband networks (ION, etc.).

- **Broadband**

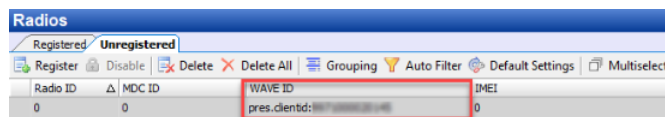
Select this option if the WAVE radio is a device that operates on broadband networks only (WAVE PTX, WAVE TLK, EVOLVE, etc.).

2.2.2 Adding WAVE radios

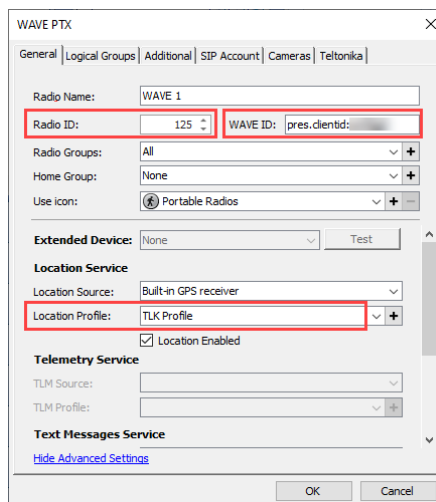
- Go to **Administration** (1), **Radios** (2).



- Click **Add WAVE PTX** (3) to add a new WAVE PTX Radio.
- OR:
- Click the **Unregistered** tab and find the radio with the populated **WAVE ID**.



On the **General** tab, specify the following settings:



WAVE PTX

General | Logical Groups | Additional | SIP Account | Cameras | Teltonika

Radio Name: WAVE 1

Radio ID: 125 WAVE ID: pres.clientid:...

Radio Groups: All

Home Group: None

Use icon: Portable Radios

Extended Device: None Test

Location Service

Location Source: Built-in GPS receiver

Location Profile: TLK Profile

Telemetry Service

TLM Source:

TLM Profile:

Text Messages Service

Hide Advanced Settings

OK Cancel

- **Radio ID**
Specify a Radio ID for the WAVE PTX radio. This ID is used to call this radio or send a text message to it.
- **WAVE ID**
Enter the WAVE ID (if not automatically populated) that corresponds to the user registered in the WAVE server's user database. This ID is used to send or receive data through the Wave PTX Universal Gateway.
- **Location Profile**
Select the specific location profile. See section [2.2.1, Location profile for WAVE radios](#).