TRBONET
Dispatch Systems

neocom software

AUTHORIZED APPLICATION PROVIDER
DIMETRA™
MOTOROLA SOLUTIONS

AUTHORIZED APPLICATION PROVIDER
MOTOTRBO™
MOTOROLA SOLUTIONS

TRBOnet PLUS

Wave PTX

Configuration Guide

Version 6.5

Last revised on 16 June 2026

USA Office
Neocom Software
150 South Pine Island Rd., Suite 300
Plantation, FL 33324, USA

Sales
EMEA: +44 203 608 0598
Americas: +1 872 222 8726
APAC: +61 28 607 8325

www.trbonet.com
info@trbonet.com

© Neocom Software Corporation

Contents

1 Introduction 3
1.1 About This Guide 3
1.2 About TRBOnet 3
1.3 Contacts 3
2 Configuring TRBOnet Software 4
2.1 TRBOnet Server 4
2.2 TRBOnet Dispatch 6
2.2.1 Location profile for WAVE radios 6
2.2.2 Adding WAVE radios 7

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 support@trbonet.com — technical support https://trbonet.com/kb/ — online knowledge base
Americas	+1 872 222 8726	
APAC	+61 28 607 8325	

2 Configuring TRBOnet Software

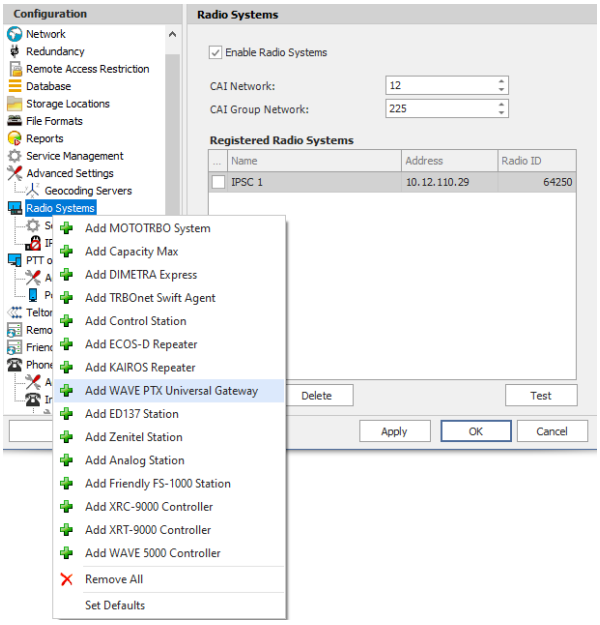
This section describes how to configure TRBOnet software.

2.1 TRBOnet Server

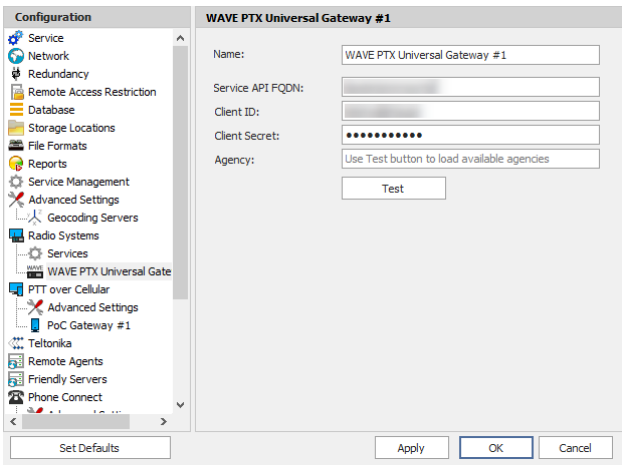
- Run *TRBOnet Server*.

> 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.



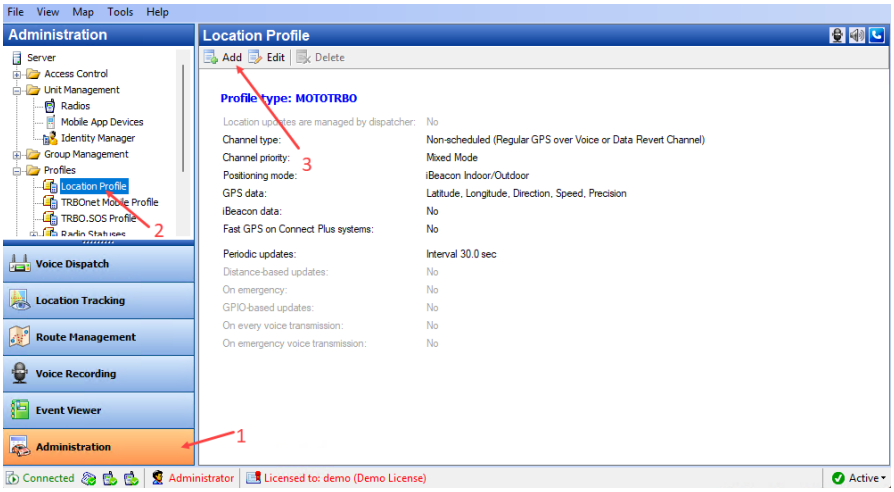
- In the **Wave PTX Universal Gateway** pane, specify the following Wave gateway-related parameters:
  - **Name**
    Enter a name for the Wave PTX gateway. This name will be displayed in the Dispatch Console.
  - **Service API FQDN**
    Enter the fully-qualified domain name of the service API.
  - **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

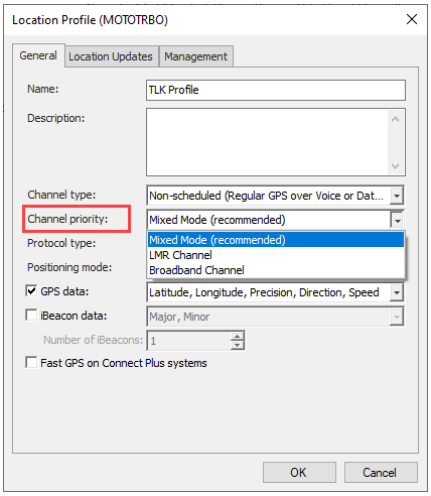
- Run *TRBOnet Dispatch*.

2.2.1 Location profile for WAVE radios

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



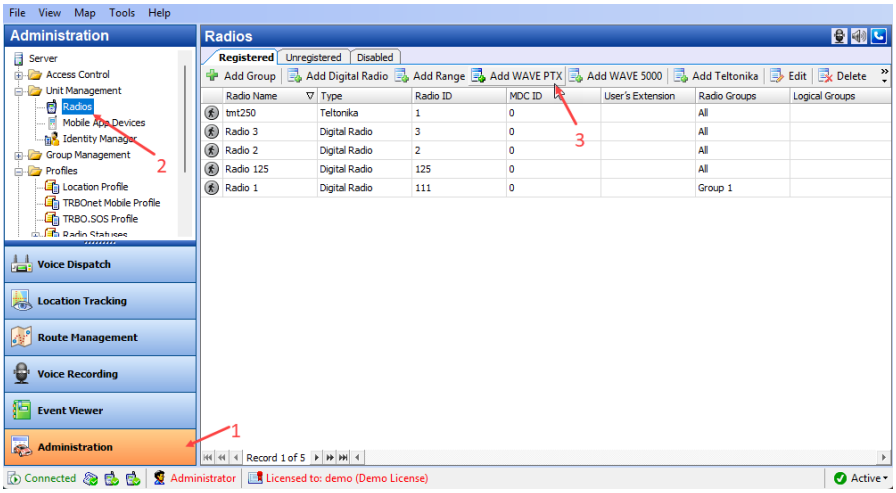
- Click **Add** (3) to add a location profile for WAVE radios.



- **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

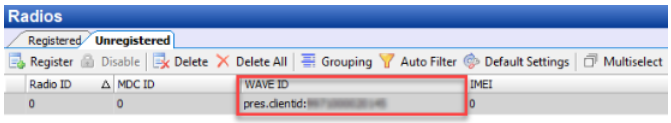
- Go to **Administration** (1), **Unit Management > Radios** (2).



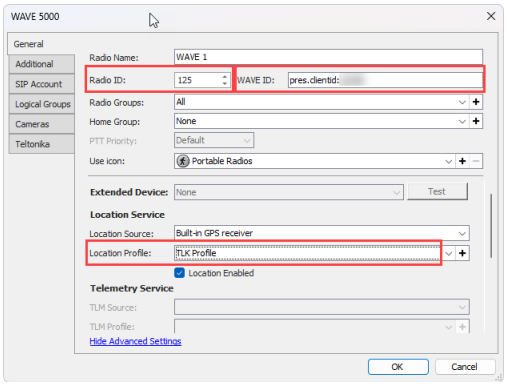
- Click **Add WAVE PTX** (3) to add a new WAVE PTX Radio.

OR:

- Click the **Unregistered** tab and find the radio with the populated **WAVE ID**.



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



- **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.