TRBONET ENTERPRISE INSTALLATION GUIDE

To install and configure TRBOnet Enterprise 3.0 do the following:

1. DISABLE USER ACCOUNT CONTROL

To disable User account Control do the following:

- For Windows 7 see the following manual:

  http://windows.microsoft.com/en-US/windows7/Turn-User-Account-Control-on-or-off

- For Windows Vista see the following manual:

  http://technet.microsoft.com/en-us/library/cc709691%28WS.10%29.aspx#BKMK_S3

2. INSTALL SQL 2008 R2 EXPRESS

1. Download the installation file:

- For 32-bit OS:
  https://www.microsoft.com/betaexperience/pd/getkeynoppt.aspx?product=SQLEXPDBMT32&lcid=1033
- For 64-bit OS:
  https://www.microsoft.com/betaexperience/pd/getkeynoppt.aspx?product=SQLEXPDBMT64&lcid=1033

2. Run the installation file and follow the prompts for default installation.

3. INSTALL .NET FRAMEWORK 4.0

1. Download the installation file:

   http://go.microsoft.com/fwlink/?linkid=182804

2. Run the installation file and follow the prompts for installation.

4. INSTALL MOTOTRBO CPS

NOTE: To set up MOTOTRBO™ master radios connected to server PC use MOTOTRBO CPS. You can get your copy of the software from your Motorola dealer.

1. Launch the installation of MOTOTRBO™ CPS.
2. Follow the prompts to complete the installation.

NOTE: CPS is not required if you use direct connection to repeater.

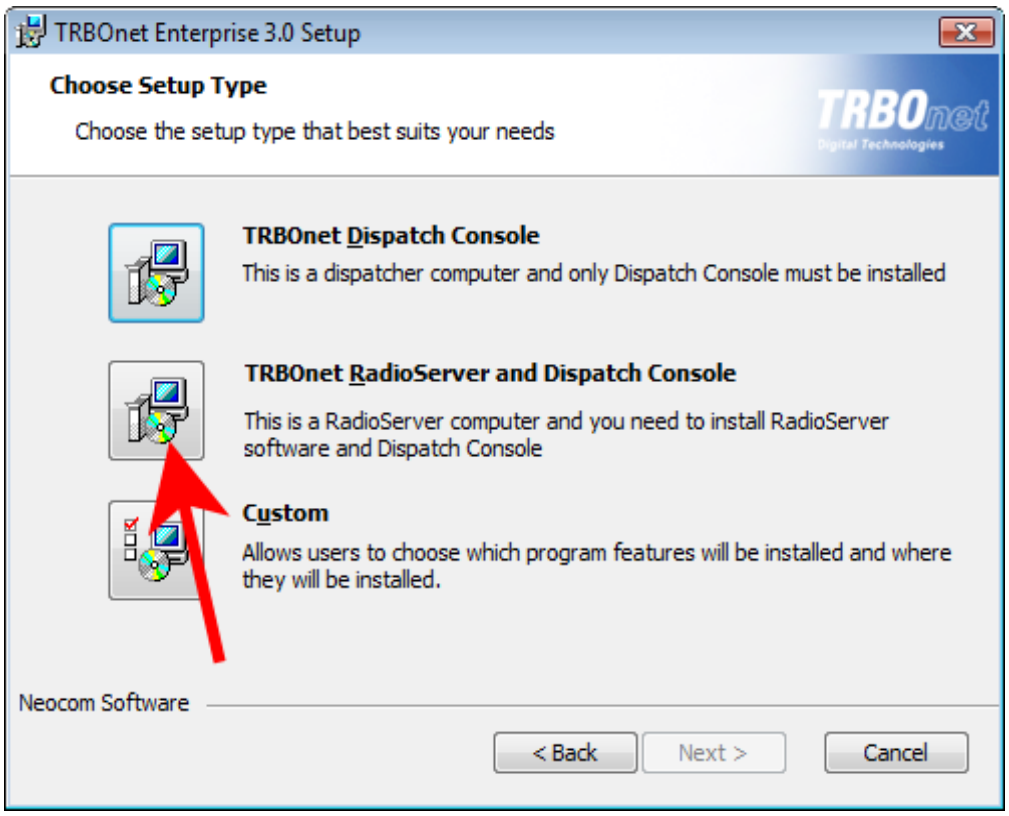
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5. INSTALL TRBONET ENTERPRISE v3.0 RADIOSERVER AND DISPATCHER

1. Download the latest software version from:

   http://trbonet.com/download/

2. Run the installation file and follow the prompts to install **TRBOnt Enterprise 3.0**. Click to install Server and Dispatcher.



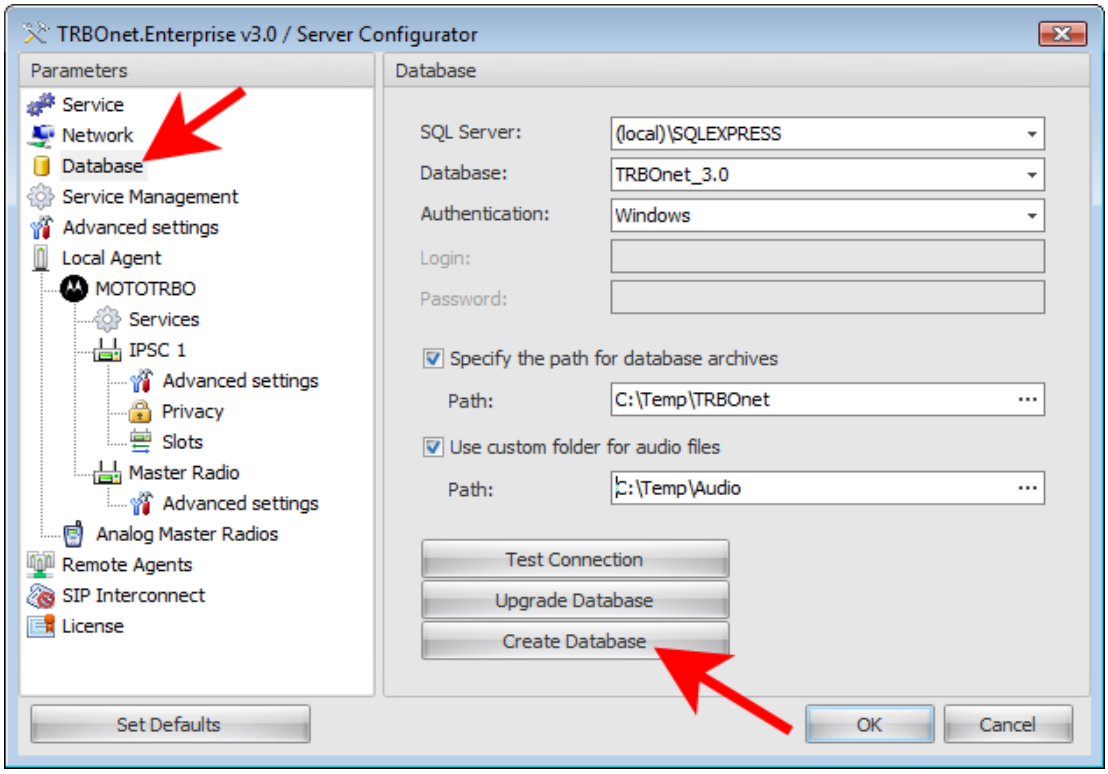
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6. CREATE DATABASE

1. To open the **TRBOnet Enterprise v3.0 / Server Configurator**, do one of the following:

- Use the Configure **Configure TRBOnet Enterprise RadioServer v3.0** shortcut on your desktop
- In the **Start** menu, select **All Programs | Neocom Software | TRBOnet Enterprise 3.0 | Configure TRBOnet Enterprise RadioServer v3.0**

2. Select **Database** in the navigation tree.



3. To create a new database, specify the database connection parameters including SQL Server name, authentication type, login and password, and a name for the database to create:

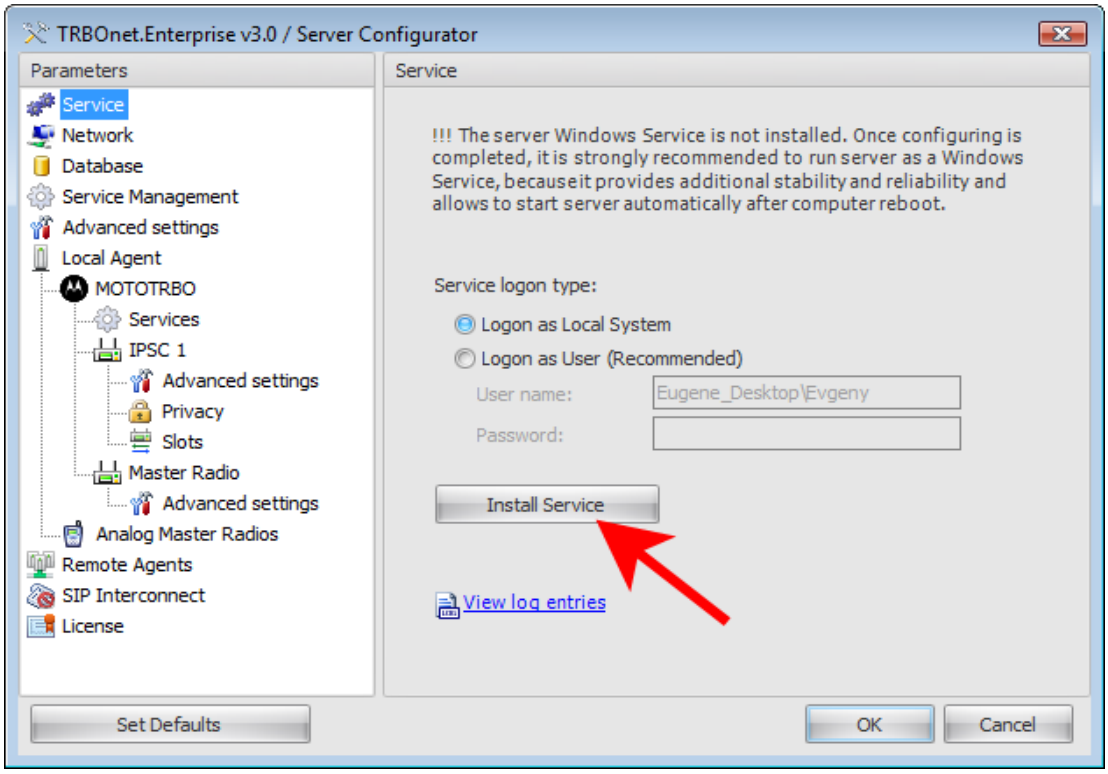
- **SQL Server** – name of the server (default is (local)\SQLEXPRESS)
- **Database** – name of the TRBOnet RadioServer database (default is TRBOnet)
- **Authentication** – we recommend using Windows authentication
- **Specify the path for database archives** – it is recommended to specify a directory for database backups
- **Use custom folder for audio files** – it is recommended to specify a directory for storing the recorded audio

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3. Click **Create Database**.
4. Click **OK**.

7. INSTALL TRBONET RADIOSERVER SERVICE

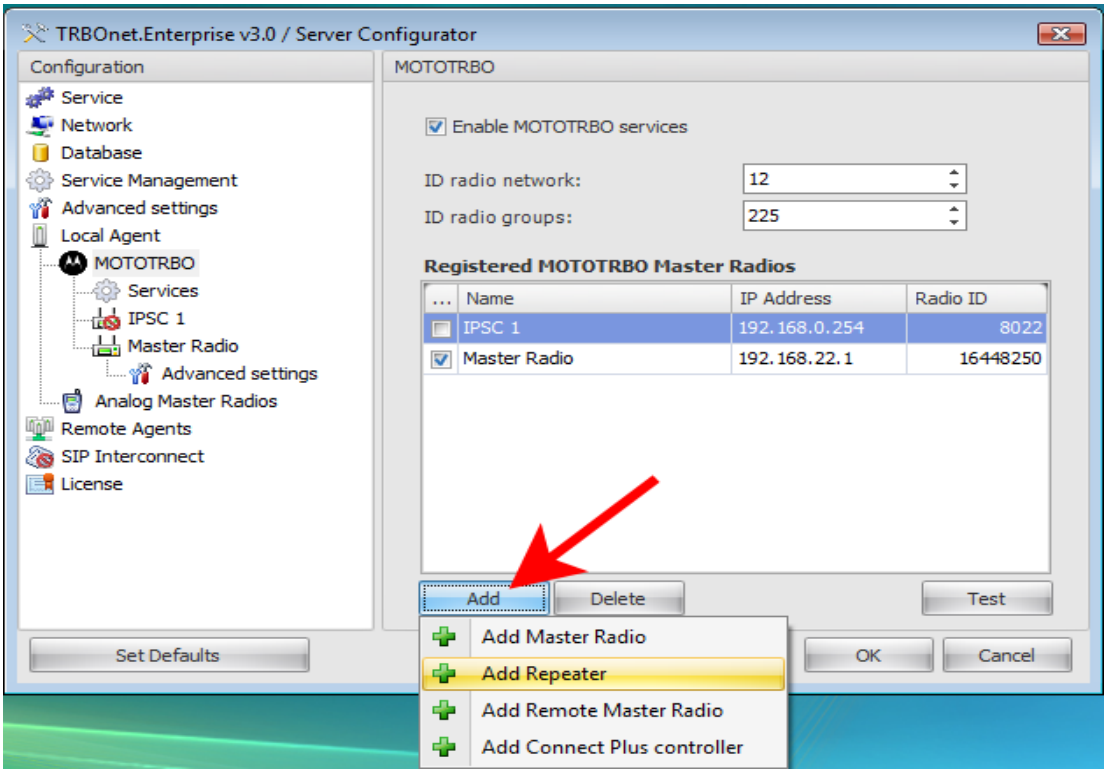
1. Open the **TRBOnet.Enterprise v3.0 Server Configurator** using one of the following options:
   - Use the Configure **Configure TRBOnet Enterprise RadioServer v3.0** shortcut on your desktop
   - In the **Start** menu, select **All Programs | Neocom Software | TRBOnet Enterprise 3.0 | Configure TRBOnet Enterprise RadioServer v3.0**
2. If required, specify the connection parameters to the TRBOnet RadioServer database (select **Database** in the navigation tree).
3. Select **Service** in the navigation tree. To start the RadioServer as a Windows service on startup select **Logon as Local System**. Click **Install service**.



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8. ADD A REPEATER

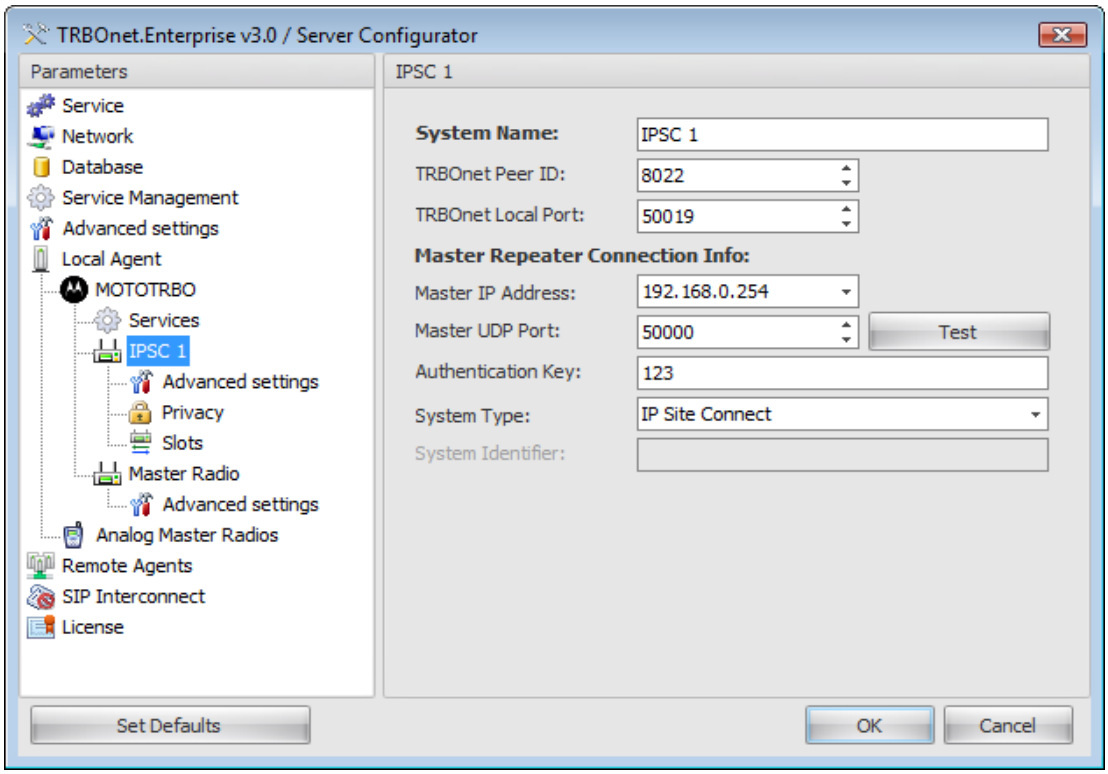
1. To manage master stations select **MOTOTRBO** in the navigation tree.
2. Click **Add** and select **Add Master Radio**, **Add Remote Master Radio** or **Add Repeater**, and configure the respective parameters



NOTE: TRBOnet allows connecting via IP network to a master repeater of IPSC or Capacity Plus system. Once you connect to the master you are connected to all the system.

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9. CONFIGURE THE REPEATER'S PARAMETERS



You can configure the following parameters of a repeater:

- **System Name** - specify the system's name
- **TRBOnet Peer ID** - specify a random unique ID

  NOTE: The ID should be unique for each connection to a repeater. For example, for connecting with TRBOnet Enterprise use 80000, for TRBOnet Watch - 80001 and for RDAC - 80002. Use different ID's for connecting to a repeater from different PC's as well.

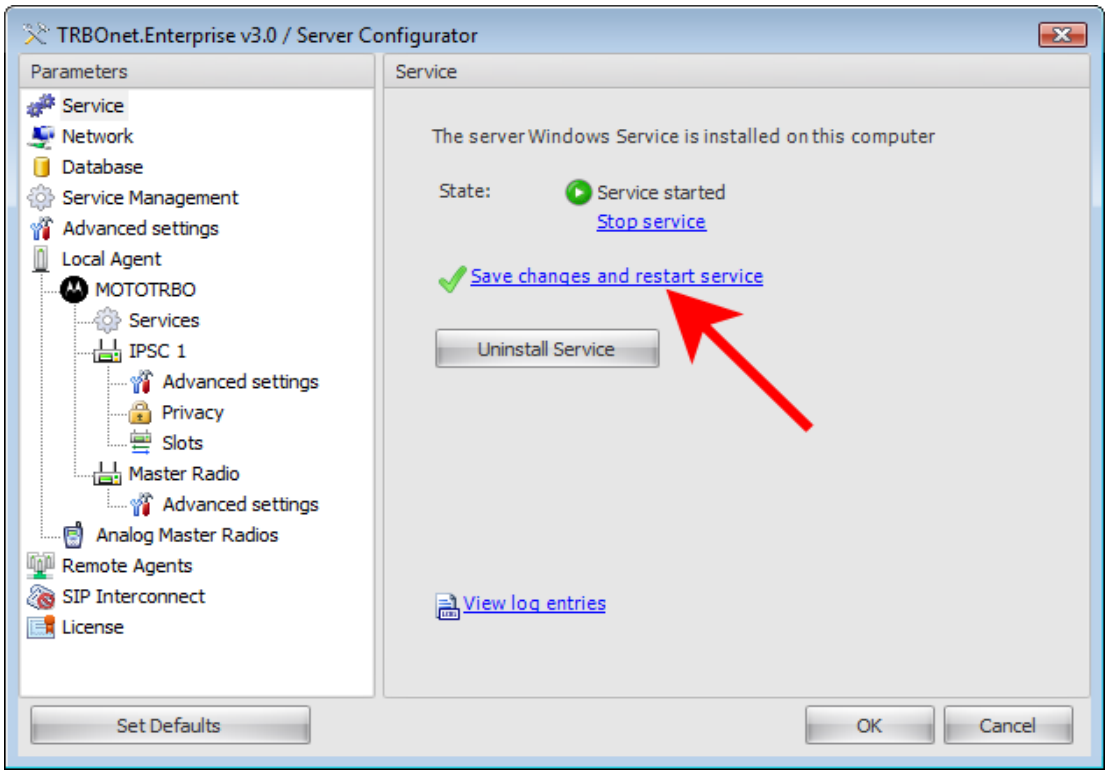
- **TRBOnet Local Port** - the default port is 50000, use unique ports for different repeater connections if there are several repeaters connected
- **Master IP Address** - specify the repeater's ETHERNET IP address from CPS configuration
- **Master UDP-Port** - the default port is 50000. Port should be same as UDP Port in the repeater's CPS configuration.
- **Authentication Key** - Specify the repeaters authorization key if it is used
- **System Type** - specify the system type (**Capacity Plus** or **IP-Site**)

  NOTE: Currently direct connection to a Capacity Plus system only allows receiving voice and data. For transmitting at least one master radio is required.

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10. START RADIOSERVER SERVICE

After making all the configuration start the service or restart it by clicking **Save changes and restart service**.



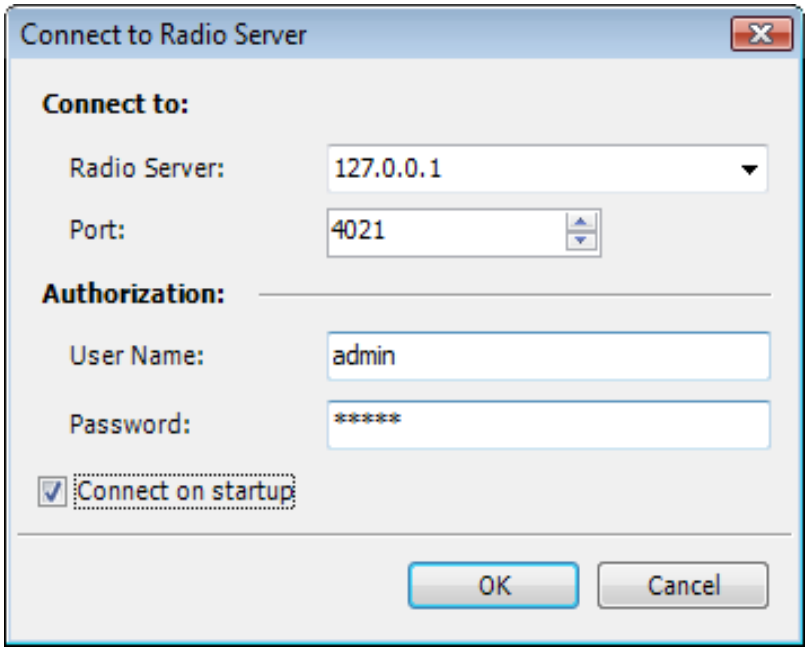
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11. CONFIGURE CONNECTION TO RADIOSERVER

1. Run TRBOnet Remote Dispatcher. The connection form displays.
2. Enter bonding parameters to the TRBOnet RadioServer you want to connect using the Remote Dispatcher:

- **Radio Server** – an IP address or DNS name of the computer where the RadioServer resides.
- **Port** – a connection port used by the RadioServer for interaction with remote TRBOnet Dispatcher Consoles (the default is 4021).
- **User name** – the user account provided to you by the system administrator.
- **Password** – the password provided to you by the system administrator.

NOTE: The default user name and password is **admin**. Use the default account to configure the system. You can change the password when setting up the system.



3. The connection dialog displays every time you launch TRBOnet Remote Dispatcher. To save the connection settings and display the TRBOnet Remote Dispatcher main window immediately after you launch the application, select **Connect on startup**. Later, you can view the connection dialog and modify bonding settings from the menu.
4. After entering the parameters, click **OK**. If the bonding parameters are correct, the main TRBOnet Remote Dispatcher window displays.

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