TRBOnet
Phone Interconnect
for IPSC, Capacity Plus and LCP Systems

To configure TRBOnet Phone Interconnect for Wireline Systems

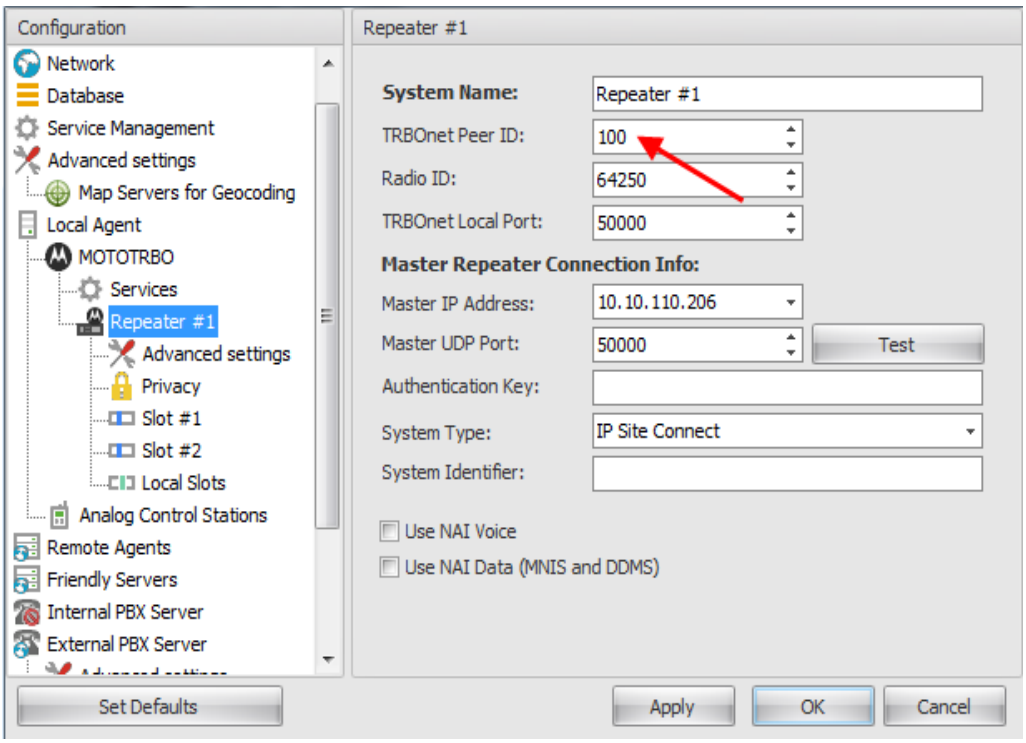
To configure **TRBOnet Phone Interconnect** for IPSC, Capacity Plus and Linked Capacity Plus systems **TRBOnet Server** requires direct IP connection to repeater and integration with digital PaBX device supporting **SIP 2.0** protocol.

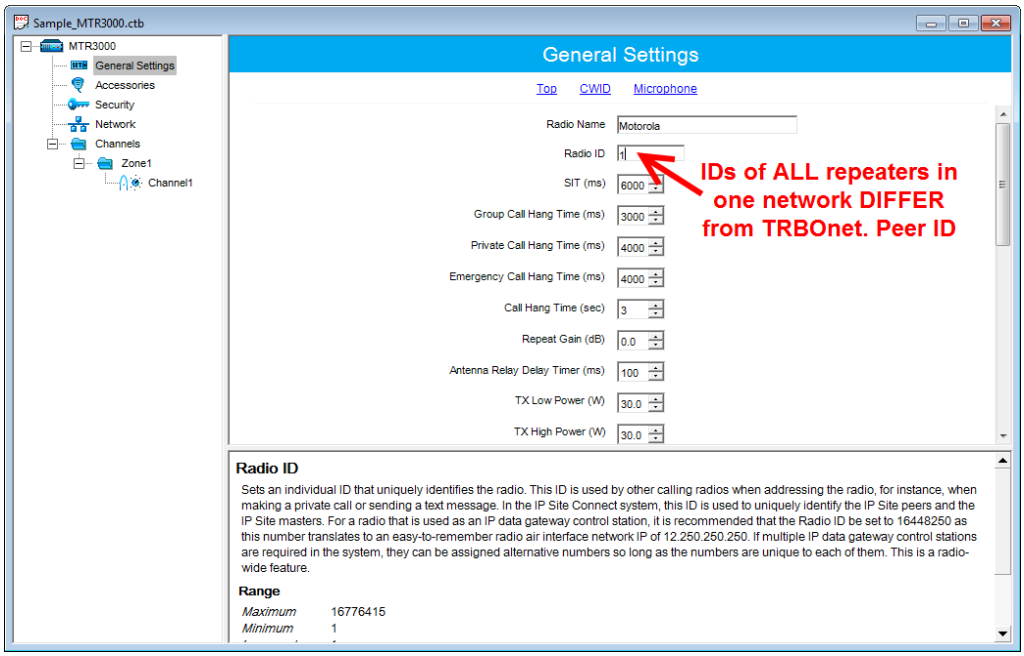
Note 1: no extra license (Digital Phone Patch) for repeater is required

Note 2: Capacity Plus and Linked Capacity Plus systems require NAI Voice and Data licenses, 2.3A repeater firmware.

TRBOnet Server and Dispatch Console Configuration

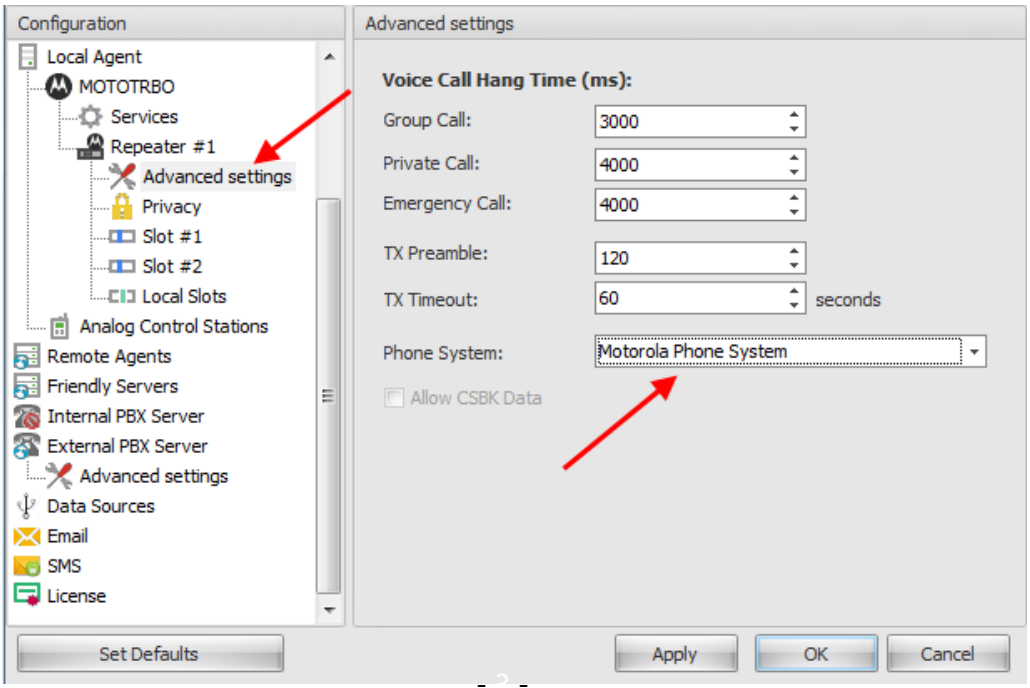
1. Open **TRBOnet RadioServer** and make sure that **TRBOnet Peer ID** is unique and does not match any of the Radio ID of the repeaters in the network:



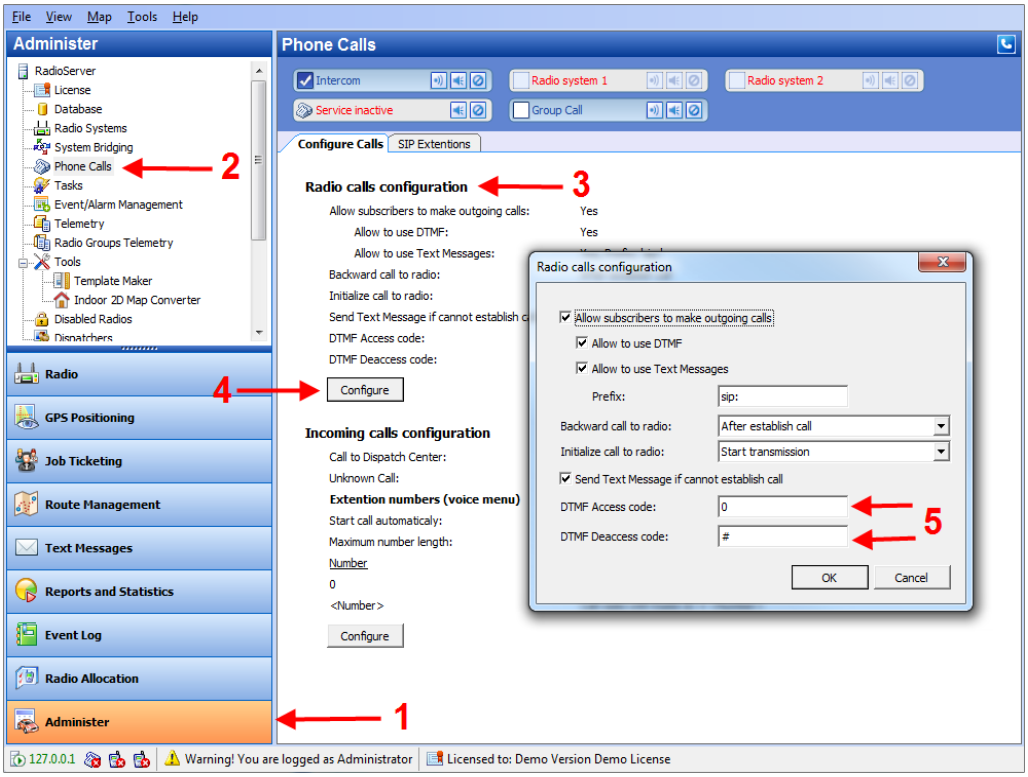


Note: the actual **Radio ID** of repeaters in CPS **MUST DIFFER** from **TRBOnet Peer ID**. **TRBOnet** acts as another virtual peer repeater having its own **Peer ID** (e.g. You have an IPSC network consisting of 1 master and 3 peers. **The Repeaters IDs** (**Radio IDs** in CPS code plugs for repeaters) would be 1, 2, 3, 4. **TRBOnet Peer ID MUST DIFFER** from **ALL** repeaters (master and all peers) otherwise a conflict will happen in network as peers have the same ID).

2. Go to **Advanced Settings** of the repeater and select **Motorola Phone System**:



3. Open **TRBOnet Dispatch Console**. Go **Administer - Phone Calls - Radio Calls Configuration - Configure** and set **DTMF Access** and **DTMF Deaccess** codes as 0 and # :

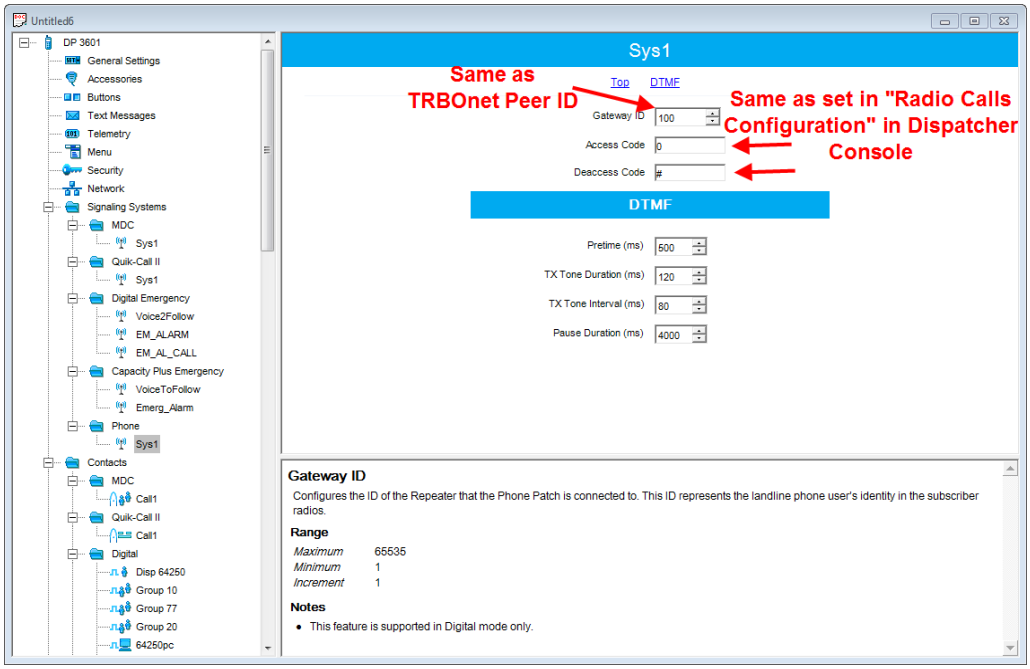


Note: **DTMF Access/Deaccess** codes need to be specified in all Dispatch Consoles in the system.

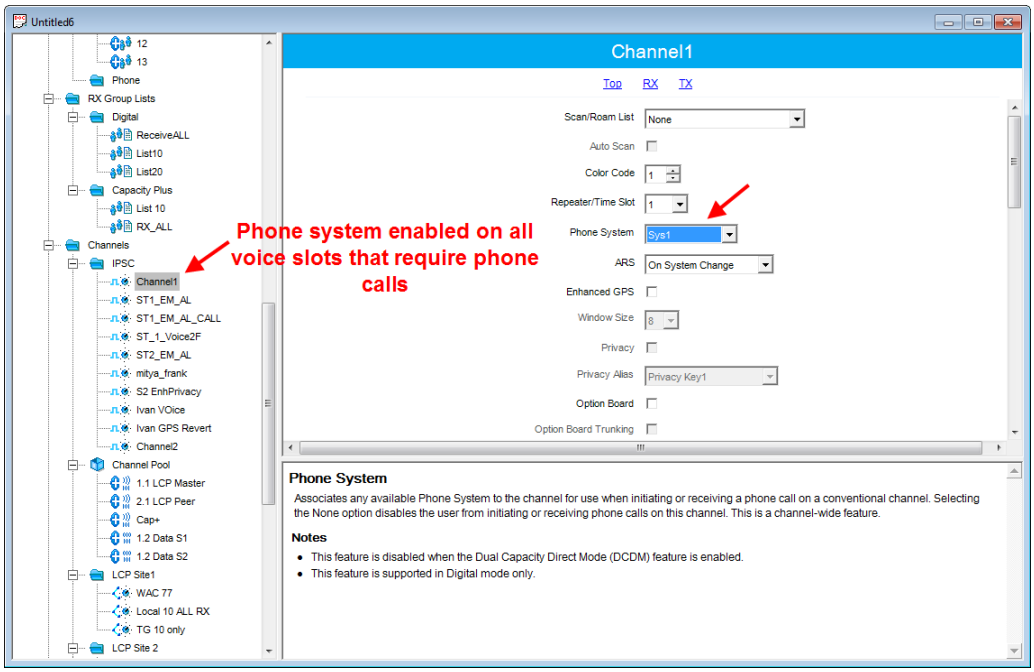
Programming radios

Additional set up is required for radios in MOTOTRBO CPS:

1. Read a subscriber radio in CPS and go to **Phone Systems** under **Signaling Systems**. Make sure that **Gateway ID** is equal to **TRBOnet Peer ID** specified in **TRBOnet RadioServer**:
2. Set access and deaccess code as 0 and # (same as in **TRBOnet Dispatch Console**):



3. Go to repeater channels and specify the phone system you have set up:


Untitled6
12
13
Phone
RX Group Lists
Digital
ReceiveALL
List10
List20
Capacity Plus
List 10
RX_ALL
Channels
IPSC
Channel1
ST1_EM_AL
ST1_EM_AL_CALL
ST_1_Voice2F
ST2_EM_AL
mitya_frank
S2 EnhPrivacy
Ivan VOice
Ivan GPS Revert
Channel2
Channel Pool
1.1 LCP Master
2.1 LCP Peer
Cap+
1.2 Data S1
1.2 Data S2
LCP Site1
WAC 77
Local 10 ALL RX
TG 10 only
LCP Site 2
Phone system enabled on all voice slots that require phone calls
Channel1
Top RX TX
Scan/Roam List None
Auto Scan
Color Code 1
Repeater/Time Slot 1
Phone System Sys1
ARS On System Change
Enhanced GPS
Window Size 8
Privacy
Privacy Alias Privacy Key1
Option Board
Option Board Trunking
Phone System
Associates any available Phone System to the channel for use when initiating or receiving a phone call on a conventional channel. Selecting the None option disables the user from initiating or receiving phone calls on this channel. This is a channel-wide feature.
Notes
This feature is disabled when the Dual Capacity Direct Mode (DCDM) feature is enabled.
This feature is supported in Digital mode only.