
Mindshare Integration

Integration Paper

MMS Version 12.0
Revision 10.2022

Revcord – Mindshare Integration

Revcord support to record Mindshare console systems. Rvcord has implemented interface to support Mindshare protocol. The interface is a network based that utilizes the same network data used by the Mindshare console system. Rvcord monitors the data exchanged between the Mindshare consoles and the Mindshare radio interfaces. Specifically, this is standard RTP and metadata packets.

Simply connect the Rvcord recorder to the network used by the Mindshare system. Some end users route Mindshare data over their standard office network, other end customers use a separate Mindshare only network. If a separate network is used a second network interface (NIC card) is needed on Rvcord recorder. Rvcord's standard hardware comes with two network interfaces.

Revcord distinguishes each Mindshare channel by the data's sending IP and port number. This is how the Mindshare system works. In many cases all channels use the same IP, but in more complicated situations, different IPs are used. This data is configurable within Rvcord. As long as the end-customer can route the audio packet to the recorder, Rvcord can record the audio. Usually, it is as simple as plugging the Rvcord recorder into the same network router or network switch as an existing Mindshare console.

Each Rvcord recording includes any metadata provided by Mindshare. This includes radio IDs, talkgroup ID, Frequency, Location and call statuses. This metadata is fully integrated into the Rvcord system and can be used for filtering and searching.

Revcord supports Mindshare audio provided in the standard RTP packet with the g711 codec. Please contact Rvcord if other codecs are required.

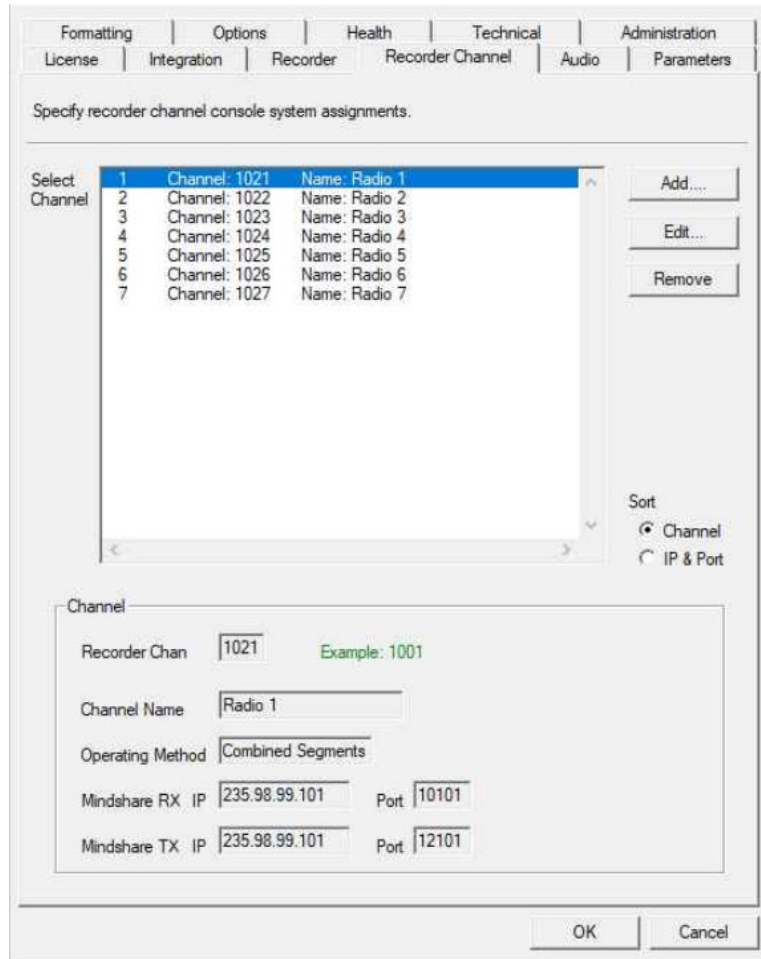
Below: Metadata configuration screen for the Mindshare integration. Metadata Fields can be enabled/disabled fields as required.

The screenshot shows a configuration window titled "Specify recorder and recorder database settings." with several tabs: Formatting, Options, Health, Technical, Administration, License, Integration, Recorder, Recorder Channel, Audio, and Parameters. The "Recorder" tab is selected. The window is divided into three main sections:

- Recorder Database Access:** Contains text boxes for Database Server (localhost\REVCORD), Database Name (VoiceRec), Database Login (sa), and Database Password (masked with asterisks).
- Recorder Database Fields:** A list of fields with checkboxes and text boxes. All checkboxes are checked. The fields and their values are:
 - Call Type: Tag5 (Default: Tag5)
 - Source Alias: Tag6 (Default: Tag6)
 - Source ID: Tag7 (Default: Tag7)
 - FREQ: Tag8 (Default: Tag8)
 - Dest Alias: Tag9 (Default: Tag9)
 - Dest ID: Tag10 (Default: Tag10)
 - Squelch Code: Tag11 (Default: Tag11)
 - Key ID: Tag12 (Default: Tag12)
 - Emergency: Tag13 (Default: Tag13)
 - Location: Tag4 (Default: Tag4)
- Recorder System Release:** A dropdown menu for System Release, currently set to "10.2 and Newer".

At the bottom right, there are "OK" and "Cancel" buttons.

Below: Channel configuration screen showing entry of specific Mindshare configuration data. The "Radio 1" recorder channel is displayed.



For every channel configuration the following details are needed.

1. RX IP and Port
2. TX IP and Port
3. Operation Method – Combined Segments should be used.