

TRBOrecorder

Wireline Voice Recorder

TRBOrecorder is a robust software solution to record group and private voice calls directly from MOTOTRBO repeaters. It enhances security and offers liability protection to radio users.

Set it and forget it: it is the ideal companion of single-site conventional, IP Site Connect, Capacity Plus single-site, and Capacity Plus multi-site (LCP) systems. It is an easy-to-deploy software-only solution and runs securely in the background, even after a power failure, until needed.

Simple to use

The user interface is very intuitive and can be operated by non-technical personnel using the group and radio names to sort through the records.

Unlimited channels and radios

No need to reconfigure the software when adding talkgroups and radios: TRBOrecorder does it automatically.

Robust

It has been load-tested on systems with thousands of calls per hour.

No donor radios!

Its wireline interface means that it communicates with the repeaters over the network providing a more reliable operation and a cleaner deployment without multiple control stations, power supplies, and antennas.

Search and Sorting Capabilities

- Historical records are retrieved within a date and time range and filtered by group name or ID, subscriber radio name or ID, or just display private calls.
- They can then be sorted by timestamp, call length destination name or type, and repeater ID

Secure Unattended Operation

TRBOrecorder runs in the background as a Windows Service: it automatically starts as soon as the computer is turned on and does not require a user login for additional security.

Single and Multi-select Records

TRBOrecorder allows to select a single or multiple records:

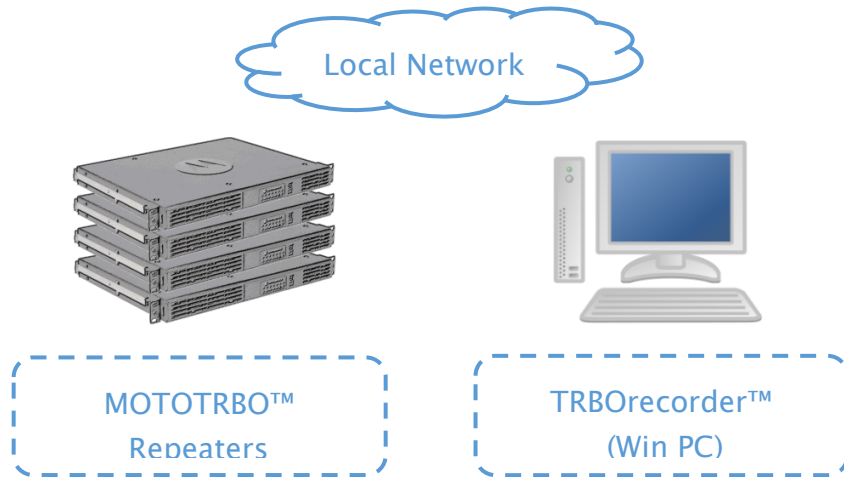
- Single record mode: play, add notes, export to a WAV file or delete individual calls
- Conversation mode: select multiple calls and play them sequentially or export them all to a single WAV file

Integrated SQL database

No external database needs to be installed, increasing the search speed and operational reliability.

Timestamp	Radio ID	Destination	Repeater ID	Length (s)
2022-03-26 23:11:12.257	xpr2010	AllCall	1024	2.08s
2022-04-15 12:12:57.286	xpr2010	AllCall	1024	1.08s
2022-04-10 22:59:34.798	xpr2010	AllCall	1024	2.16s
2022-04-10 23:05:09.785	xpr2010	AllCall	1024	1.08s
2022-04-15 09:07:15.992	xpr2010	AllCall	1024	3.50s
2022-04-15 12:02:44.733	xpr2010	AllCall	1024	
2022-04-15 12:08:52.302	xpr2010	AllCall	1024	
2022-03-17 00:32:26.086	AG xpr59	P 64248	1024	
2022-03-17 00:33:18.706	AG xpr59	P 64248	1024	
2022-03-08 09:58:02.358	AG xpr59	P 64248	1024	
2022-04-16 09:05:38.903	AG xpr59	P 2010	1024	1.38s
2022-04-16 09:05:27.022	AG xpr59	P 2010	1024	2.04s
2022-04-16 09:05:34.582	AG xpr59	P 2010	1024	2.04s
2022-04-16 09:05:42.562	AG xpr59	P 2010	1024	2.04s
2022-04-16 09:05:31.223	xpr2010	P 59	1024	1.08s
2022-04-16 09:05:22.462	xpr2010	P 59	1024	1.80s
2022-03-08 09:58:28.879	AG xpr59	Security	1024	4.20s
2022-04-17 16:58:28.148	xpr2010	Transportation	1024	3.24s
2022-04-17 16:52:10.620	xpr2010	Transportation	1024	2.52s
2022-04-17 16:51:35.938	xpr2010	Transportation	1024	4.32s
2022-04-17 16:50:20.096	xpr2010	Transportation	1024	4.68s
2022-04-17 13:35:37.708	xpr2010	Transportation	1024	4.32s
2022-04-17 13:16:41.463	xpr2010	Transportation	1024	3.24s
2022-04-17 13:16:15.061	xpr2010	Transportation	1024	3.24s
2022-04-17 13:15:02.880	xpr2010	Transportation	1024	3.60s
2022-04-17 13:10:58.554	xpr2010	Transportation	1024	3.60s
2022-04-17 13:08:21.830	xpr2010	Transportation	1024	2.88s
2022-04-17 13:07:02.389	xpr2010	Transportation	1024	3.24s
2022-04-17 13:04:39.767	xpr2010	Transportation	1024	3.24s
2022-04-17 13:03:38.624	xpr2010	Transportation	1024	3.24s
2022-04-17 13:02:15.452	xpr2010	Transportation	1024	3.96s
2022-04-17 12:56:31.894	xpr2010	Transportation	1024	4.32s

System Architecture: on premise software client



Selected features	Details
Search and filtering	Date and time range
	Group name or ID, subscriber radio name or ID, private calls
	Individually select which talkgroups and subscribers to record
Sort	By timestamp, call length, group or subscriber radio (by name or ID), and call type
Aliasing	Talkgroups and subscriber radios
Export	Individual calls or multiple calls into a single WAV file
Notes	Add notes to individual calls
Secure	Password protect management of all settings
Windows Service	Runs unattended in the background and does not require a user login
	Optional: runs as a standard Windows application
Purging	Records are automatically deleted to free available storage

Requirements	Details
On-premise	PC with Windows 10 or newer OS, 4GB RAM, Celeron-class CPU, any size SSD
	DVSI USB-3000 AMBE+2 codec
	Network connectivity to all repeaters.
	Motorola MOTOTRBO repeater(s) operating in conventional, IPSC, and Capacity Plus (single-site and multi-site) mode



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