

## WORKSTATION CONFIGURATION WITH TOPSKY ATC

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## Document history

Version	Date	Name	Status
1	2018-02-23	SMA	Initial draft
1.1	2020-03-09	PS	Modified



## Prerequisite

The devices must be synchronized by time, recorder, workstation and the Air Situation Playback computer (ASPB).

The recorder dongle must be configured properly with at least the option “Radar sync. protocol” and one Workstation client license

First of all be sure that the following account exists in the recorder:

User name: **thales**

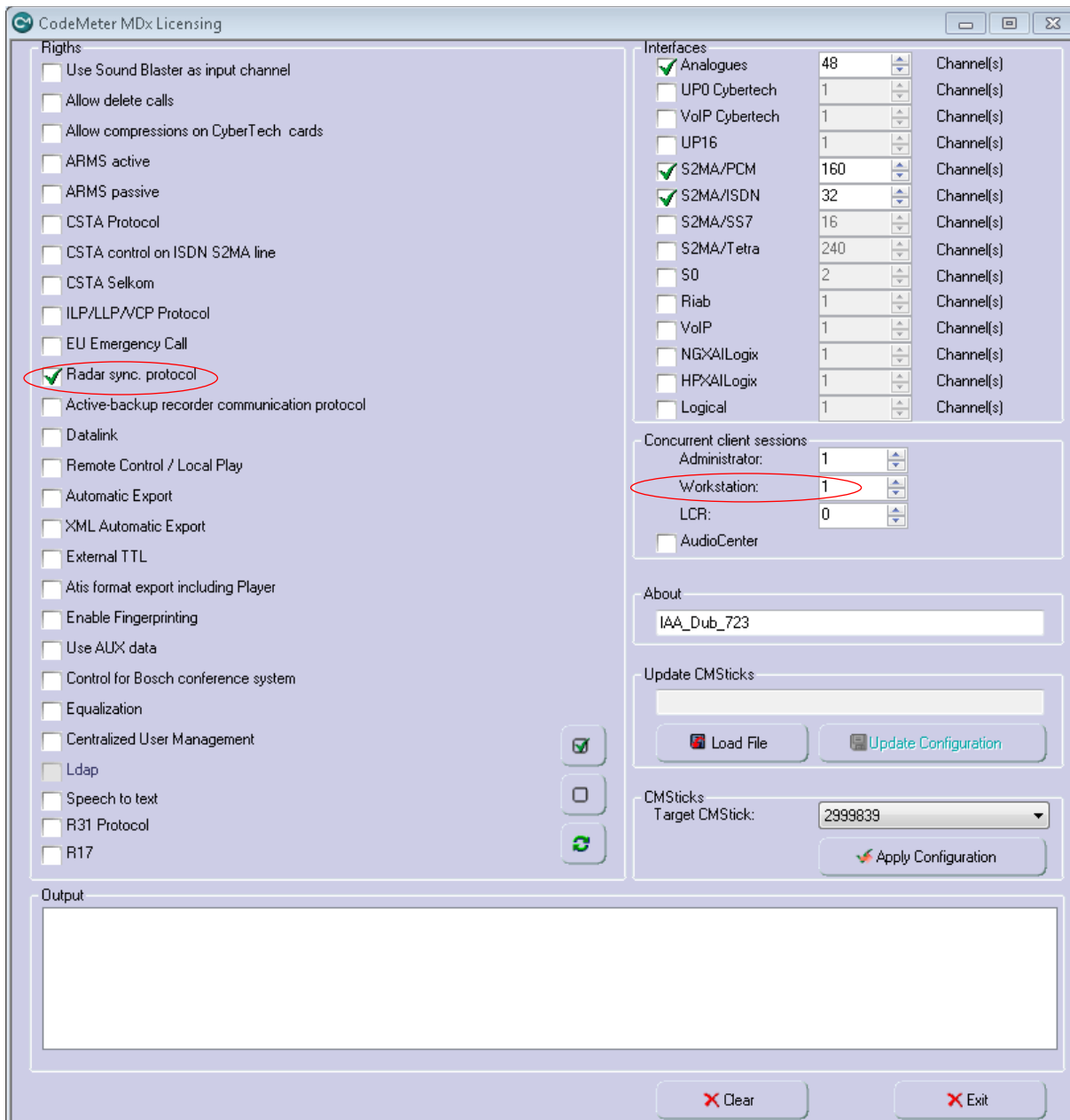
User type account: user

Permitted channels: from CH1 to CH64

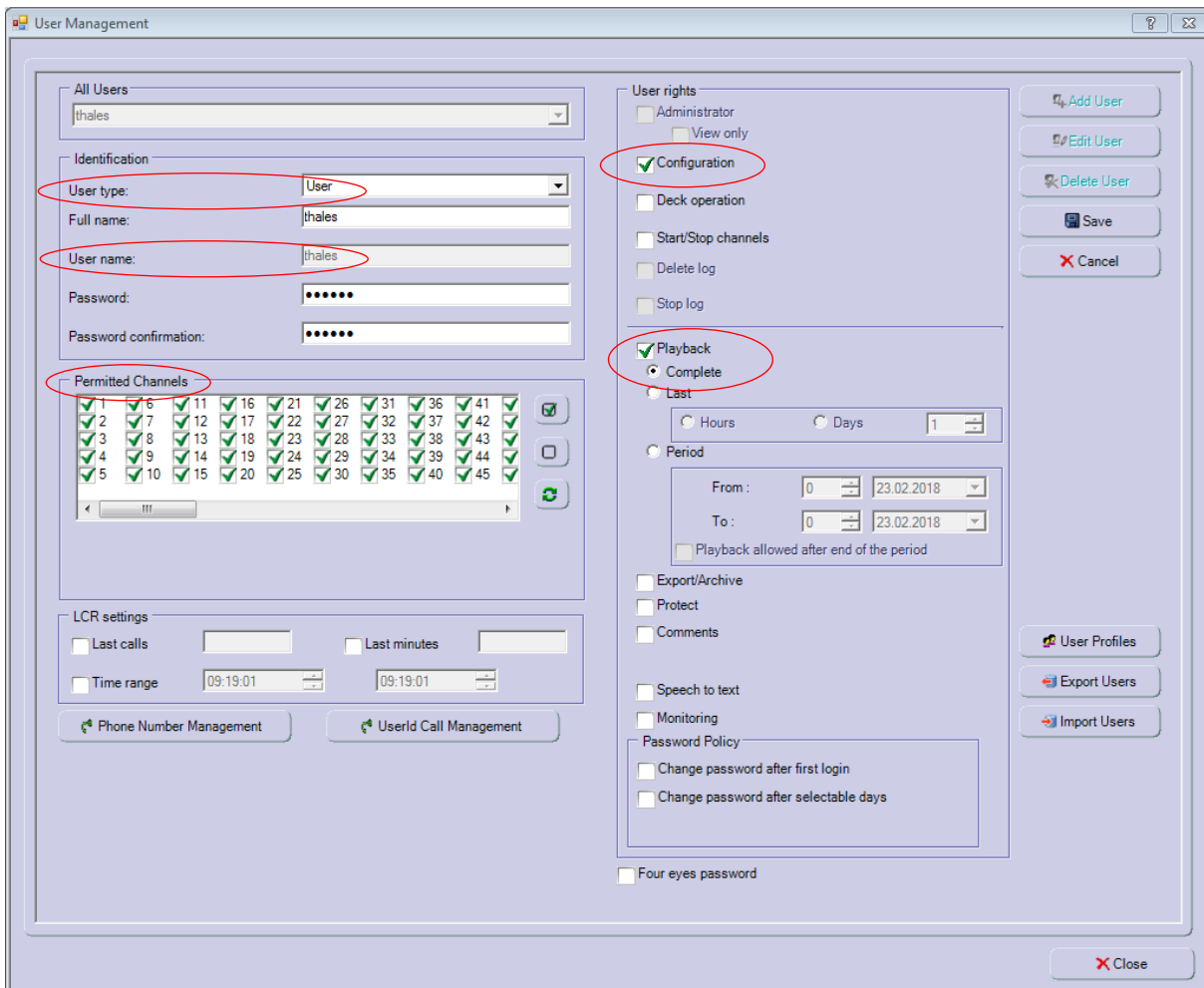
“**Playback complete**” privilege

“**Configuration**” privilege (possibility to change the recorder target)

## Dongle configuration



# Recorder account



## Workstation configuration

The screenshot displays the 'Application Settings' dialog box within the VoiceCollect Workstation application. The 'VOICEDATA settings' section is active, showing the following configuration:

- Enable VoiceData
- Port: 2006
- Recorder Name, IP c...: 192.168.102.55

Two callout boxes highlight these settings:

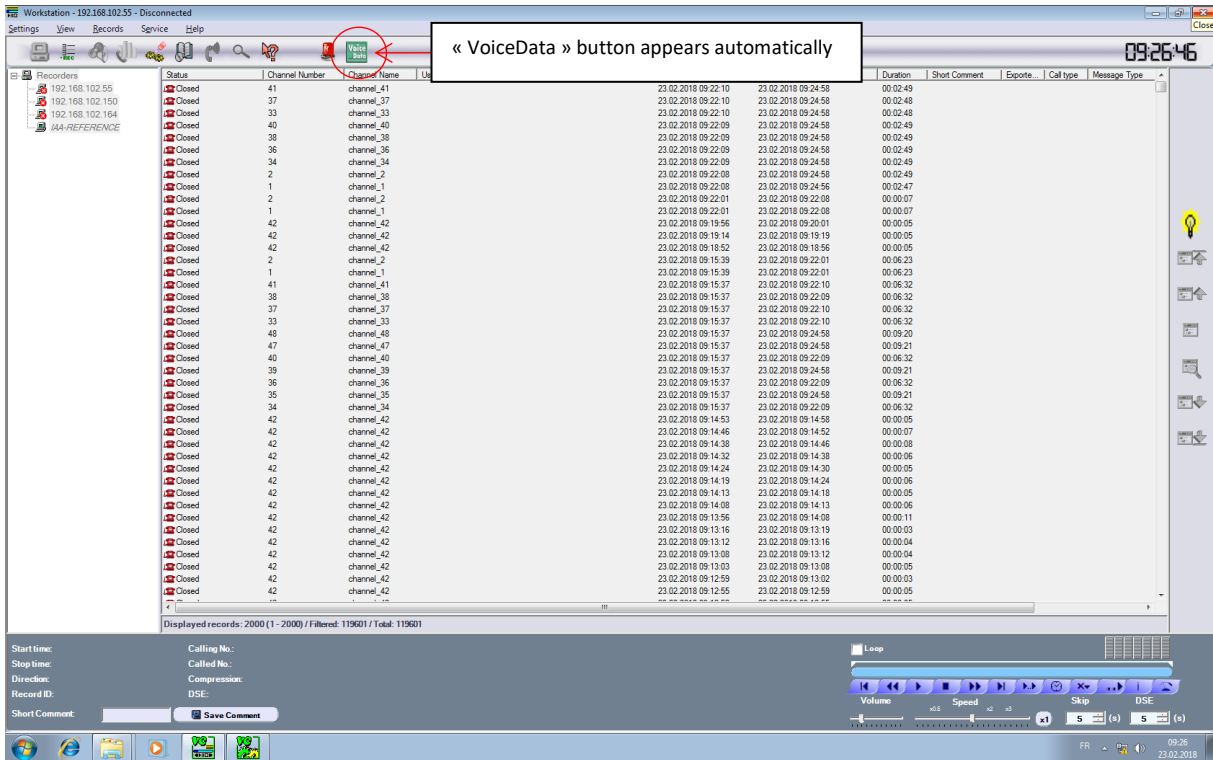
- A box labeled 'Default communication port (2006)' points to the 'Port' field.
- A box labeled 'Recorder IP address (to be targeted)' points to the 'Recorder Name, IP c...' field.

The background interface shows a list of recorders on the left and a table of call records. The table has columns for Status, Channel Number, Channel Name, User ID, Called Number, Calling Number, Direction, Start Time, Stop Time, Duration, Shot Comment, Exporte..., Call type, and Message Type. The status of recorders varies between 'Active' and 'Closed'. The table shows several call records with start and stop times around 23.02.2018 09:15:39.

Be sure that there is no user connected to the recorder from the workstation application.

As soon as the LOG-IN is sent by the ASPB side and the Workstation answers successfully, the “VoiceData” icon appears in the VC-MDx Workstation application.

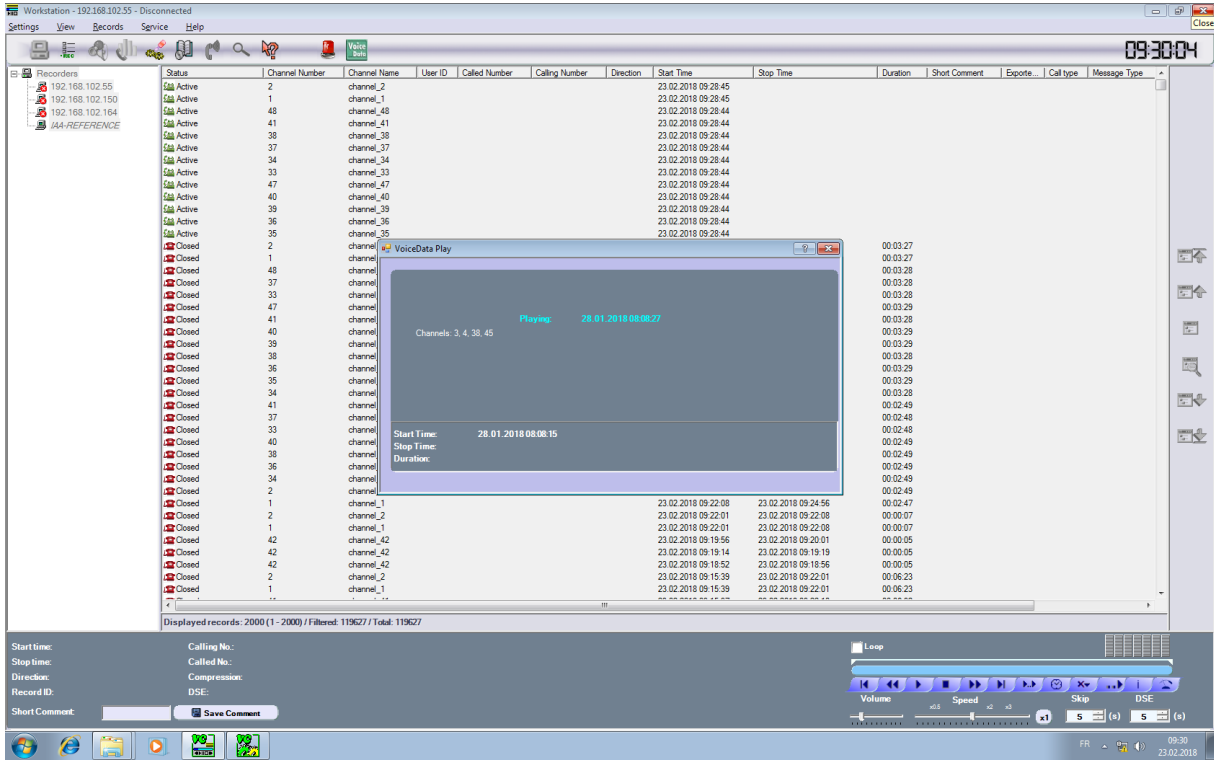
## VoiceData connection for the VC-MDx Workstation application



Proceed, the different commands are sent by the ASPB.



# Replaying 4 channels simultaneously



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## Topsky ATC simulator settings

**IP address:** this is the IP of the Topsky Workstation

**LOG\_IN:** this is the LOG\_IN name, by default -> thales

**SET\_REPLAY\_CHANNEL:** enter the channels which have to be replayed, from one to four channels (from channel 1 to 64)

**SET\_REPLAY\_TIME:** start date/time to be replayed by the workstation

## Scenario executed from the Topsky ATC simulator

“Project” realized:

```
CLI_LOG_IN
CLI_REQUEST_REPLAY_RESOURCE
CLI_REPLAY_REQUEST_MODE
CLI_REPLAY_REQUEST_CHANNEL
CLI_REPLAY_REQUEST_TIME
CLI_REPLAY
```

You can create a “project” in order to do a scenario or you can proceed step by step and send command by command.

For each command sent by the ASPB, the workstation answers, see below under the window “Event”.

## Topsky ATC simulator, view 1

TopSky-ATC Simulator panel

Commands

- CLI\_QUERY\_REPLAY\_TIME
- CLI\_REPLAY
- CLI\_REQUEST\_REPLAY\_RESOURCE
- CLI\_FREE\_REPLAY\_RESOURCE
- CLI\_SEARCH
- CLI\_SET\_REPLAY\_CHANNEL
- CLI\_SET\_REPLAY\_MODE
- CLI\_SET\_REPLAY\_TIME
- CLI\_STOP
- CLI\_STOP\_SEARCH

Project

- CLI\_LOG\_IN
- CLI\_REQUEST\_REPLAY\_RESOURCE
- CLI\_SET\_REPLAY\_MODE
- CLI\_SET\_REPLAY\_CHANNEL
- CLI\_SET\_REPLAY\_TIME
- CLI\_REPLAY

Setup

- IP address
- LOG\_IN
- SET\_REPLAY\_CH
- SET\_REPLAY\_TIME
- SEARCH

Login Request\_replay\_resource Replay

Logout Set\_replay\_mode Query\_replay\_time RUN project

Search Set\_replay\_channel Stop

Stop\_search Set\_replay\_time Free\_replay\_resource

No	Event
56	2018/02/23 10:31:37 SVR_REPLAY_TIME: Date & Time = 20180128080815
55	2018/02/23 10:31:36 CLI_SET_REPLAY_TIME: Date & Time = 20180128080815
54	2018/02/23 10:31:36 SVR_REPLAY_CHANNEL: Channel number = 3,4,38,45
53	2018/02/23 10:31:36 CLI_SET_REPLAY_CHANNEL: Channel number = 3,4,38,45
52	2018/02/23 10:31:36 SVR_REPLAY_MODE
51	2018/02/23 10:31:36 CLI_SET_REPLAY_MODE
50	2018/02/23 10:31:36 SVR_REPLAY_RESOURCE
49	2018/02/23 10:31:36 CLI_REQUEST_REPLAY_RESOURCE
48	2018/02/23 10:31:36 SVR_LOGGED_IN
47	2018/02/23 10:31:33 CLI_LOG_IN: Account name = thales

Connected

Disconnect

Delete all events

EXIT

## Topsky ATC simulator, view 2

TopSky-ATC Simulator panel

Commands

- CLI\_QUERY\_REPLAY\_TIME
- CLI\_REPLAY
- CLI\_REQUEST\_REPLAY\_RESOURCE
- CLI\_FREE\_REPLAY\_RESOURCE
- CLI\_SEARCH
- CLI\_SET\_REPLAY\_CHANNEL
- CLI\_SET\_REPLAY\_MODE
- CLI\_SET\_REPLAY\_TIME
- CLI\_STOP
- CLI\_STOP\_SEARCH

Project

- CLI\_LOG\_IN
- CLI\_REQUEST\_REPLAY\_RESOURCE
- CLI\_SET\_REPLAY\_MODE
- CLI\_SET\_REPLAY\_CHANNEL
- CLI\_SET\_REPLAY\_TIME
- CLI\_REPLAY

Setup

IP address


LOG\_IN

SET\_REPLAY\_CH

SET\_REPLAY\_TIME

SEARCH

Login	Request_replay_resource	Replay	RUN project
Logout	Set_replay_mode	Query_replay_time	
Search	Set_replay_channel	Stop	
Stop_search	Set_replay_time	Free_replay_resource	



Connected

Disconnect

Delete all events

EXIT

No	Event
58	2018/02/23 10:31:37 SVR_REPLAY_TIME: Date & Time = 20180128080815
57	2018/02/23 10:31:37 CLI_REPLAY
56	2018/02/23 10:31:37 SVR_REPLAY_TIME: Date & Time = 20180128080815
55	2018/02/23 10:31:36 CLI_SET_REPLAY_TIME: Date & Time = 20180128080815
54	2018/02/23 10:31:36 SVR_REPLAY_CHANNEL: Channel number = 3,4,38,45
53	2018/02/23 10:31:36 CLI_SET_REPLAY_CHANNEL: Channel number = 3,4,38,45
52	2018/02/23 10:31:36 SVR_REPLAY_MODE
51	2018/02/23 10:31:36 CLI_SET_REPLAY_MODE
50	2018/02/23 10:31:36 SVR_REPLAY_RESOURCE
49	2018/02/23 10:31:36 CLI_REQUEST_REPLAY_RESOURCE
48	2018/02/23 10:31:36 SVR_LOGGED_IN