

# Commend RTP Interface

## Configuration guide



This configuration guide helps to configure a Commend system with RTP streaming function.

## General CCT 800 configuration

Basically, there are two ways to get an RTP stream from the Intercom System:

- Direct streaming from a device
- Streaming from a subscriber card

Following, you will find the steps how to configure it.

### 1. Direct streaming from a device

#### Requirements

- LIP-REC-1 licence on the used RTP recording client – in the following example: on Intercom Server “#1”; slot “1” and client “1” (“1/1-1”)

#### Example

“Station 101” is a usual subscriber and streams directly to the configured RTP server. There is no further configuration necessary because all conversations and tones in combined with “Station 101” will be sent via RTP.

Follow the steps below to configure the streaming mode:

- **Subscriber > RTP Configuration > tab RTP Configuration**
- Right click on the Intercom station to be configured and select the option “add function”.
- In the drop-down list **Mode**, select the desired streaming mode. The following three modes are available:
  - Off
  - Only conversation
  - Conversation + tones

Lic	I/S-P	Call number	Description	RTP Server IP	RTP port	Reserved RTP port	Quality	Reduction	RTCP-interval [s]	Mode	VOX-Control	VOX-Follow up time [s]	Interface synchronization	SNTP
1/1-1	SIS-IP-8P (D)	101	Station 101	10.10.1.222	5004	9005	3,5 kHz A-Law	0	Off	Conversation + tones	<input type="checkbox"/>		Exacq	On via IS
1/1-2	SIS-IP-8P (D)	102	Station 102							Only conversation	<input type="checkbox"/>			
1/1-3	SIS-IP-8P (C)	103	Station 103							Off	<input type="checkbox"/>			

### 2. Streaming from a subscriber card

#### Requirements

- LIP-REC-1 licence on the used RTP recording client – in the following example: on Intercom Server “#1”; slot “1” and client “4” (“1/1-4”)

#### Example

“Station 104” is configured as a RTP streaming server. In the first step, a subscriber on an IP card has to be configured as a RTP server.

Follow the steps below to configure the IP card:

- **Subscriber > Station properties > tab Common**
- In the drop-down list **Series**, select the option “RTP server”.
- In the drop-down list **Station type**, select the option “RTP server”.

Lic	I/S-P	Call number	Description	Series	Station type	Mutation	Additional device	Offline mode	Audio	Key debounce time [s]	Invert key 0	Invert key T	Line monitoring delay time [s]	Software version
1/1-1	SIS-IP-8P (D)	101	Station 101	EE 9xx	EE 900A	----	----	Off	Digital 16 kHz	0.000	<input type="checkbox"/>	<input type="checkbox"/>	0	06.2 Test 04
1/1-2	SIS-IP-8P (D)	102	Station 102	EE 9xx	EE 900A	----	----	Off	Digital 16 kHz	0.000	<input type="checkbox"/>	<input type="checkbox"/>	0	05.3
1/1-3	SIS-IP-8P (D)	103	Station 103	EE 9xx	EE 900A	----	----	Off	Digital 16 kHz	0.000	<input type="checkbox"/>	<input type="checkbox"/>	0	06.2 Test 04
1/1-4	SIS-IP-8P (D)	104	Station 104	RTP server	RTP server	----	----	Off	Digital 16 kHz	0.000	<input type="checkbox"/>	<input type="checkbox"/>	0	
1/1-5	SIS-IP-8P (D)	105	Station 105	WS digital	RTP server	----	----	Off	Digital 16 kHz	0.000	<input type="checkbox"/>	<input type="checkbox"/>	0	
1/1-6	SIS-IP-8P (D)	106	Station 106	WS digital	WS 800F D	----	----	Off	Digital 16 kHz	0.000	<input type="checkbox"/>	<input type="checkbox"/>	0	
1/1-7	SIS-IP-8P (D)	107	Station 107	WS IP	WS 500V I CM	----	----	Off	Digital 16 kHz	0.000	<input type="checkbox"/>	<input type="checkbox"/>	0	
1/1-8	SIS-IP-8P (D)	108	Station 108	WS IP	WS 200P I family	----	----	Off	Digital 16 kHz	0.000	<input type="checkbox"/>	<input type="checkbox"/>	0	
1/2-1	SIS-IP-8P (C)	109	Station 109	WS IP	WS 810F I	----	----	Off	Digital 16 kHz	0.000	<input type="checkbox"/>	<input type="checkbox"/>	0	

# Commend RTP Interface

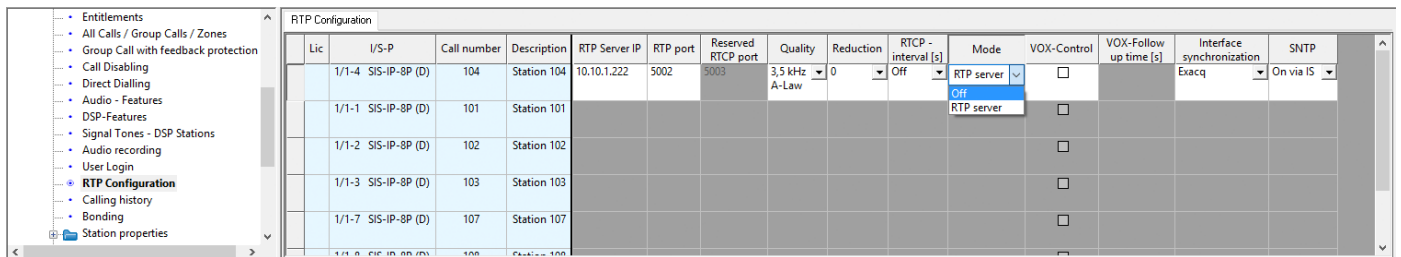
## Configuration guide



In the next step, the streaming mode has to be defined.

Follow the steps below to configure the streaming mode:

- **Subscriber > RTP Configuration > tab RTP Configuration**
- Right click on the Intercom station to be configured and select the option "add function"
- In the drop-down list **Mode**, select the desired streaming mode. The following two modes are available:
  - Off
  - RTP server

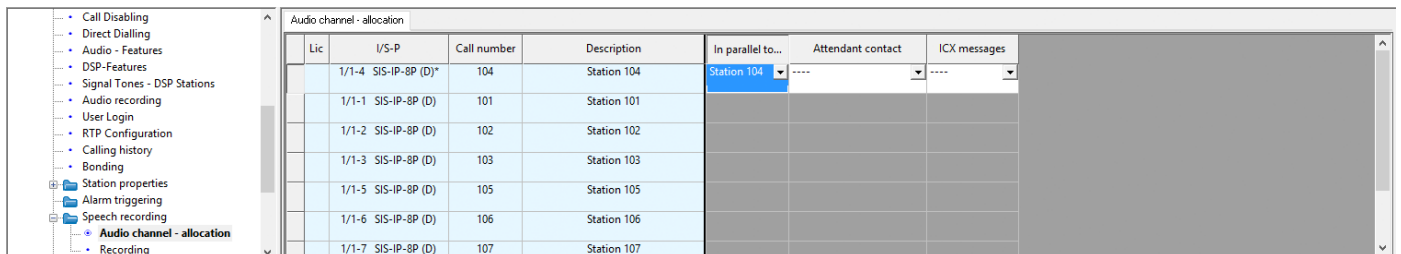


Lic	I/S-P	Call number	Description	RTP Server IP	RTP port	Reserved RTP port	Quality	Reduction	RTCP - interval [s]	Mode	VOX-Control	VOX-Follow up time [s]	Interface synchronization	SNTF
	1/1-4 SIS-IP-8P (D)	104	Station 104	10.10.1.222	5002	5003	3,5 kHz A-Law	0	Off	RTP server	<input type="checkbox"/>		Exacq	On via IS
	1/1-1 SIS-IP-8P (D)	101	Station 101							Off	<input type="checkbox"/>			
	1/1-2 SIS-IP-8P (D)	102	Station 102								<input type="checkbox"/>			
	1/1-3 SIS-IP-8P (D)	103	Station 103								<input type="checkbox"/>			
	1/1-7 SIS-IP-8P (D)	107	Station 107								<input type="checkbox"/>			

In the next step, the audio channel has to be defined.

Follow the steps below to configure the audio channel:

- **Subscriber > Speech recording > Audio channel - allocation > tab Audio channel - allocation**
- Right click on the subscriber, which is configured as RTP server, and select the option "add audio channel - allocation"
- In the drop-down list **In parallel to...**, select the RTP streamer that has to be allocated to the audio channel (in this example, "Station 104" is selected).

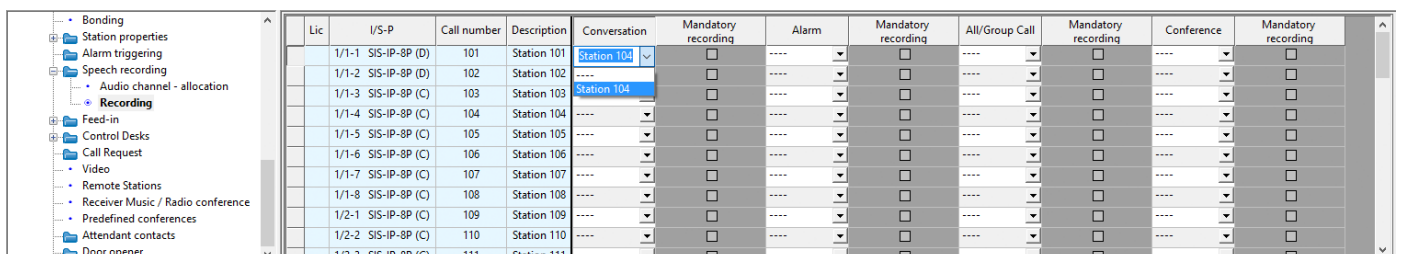


Lic	I/S-P	Call number	Description	In parallel to...	Attendant contact	ICX messages
	1/1-4 SIS-IP-8P (D)*	104	Station 104	Station 104	----	----
	1/1-1 SIS-IP-8P (D)	101	Station 101			
	1/1-2 SIS-IP-8P (D)	102	Station 102			
	1/1-3 SIS-IP-8P (D)	103	Station 103			
	1/1-5 SIS-IP-8P (D)	105	Station 105			
	1/1-6 SIS-IP-8P (D)	106	Station 106			
	1/1-7 SIS-IP-8P (D)	107	Station 107			

In the next step, the subscriber to be recorded has to be defined. In this example, "Station 101" will be recorded and "Station 104" (RTP streamer) streams the audio of all conversations with "Station 101" to the configured RTP server IP ("Exacq" system).

Follow the steps below to configure the subscriber to be recorded:

- **Subscriber > Speech recording > Recording**
- In the drop-down list **Conversation** of the subscriber to be recorded, select the RTP server via which the conversation of the appropriate subscriber shall be recorded (in this example, "Station 104" is selected).



Lic	I/S-P	Call number	Description	Conversation	Mandatory recording	Alarm	Mandatory recording	All/Group Call	Mandatory recording	Conference	Mandatory recording
	1/1-1 SIS-IP-8P (D)	101	Station 101	Station 104	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>
	1/1-2 SIS-IP-8P (D)	102	Station 102	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>
	1/1-3 SIS-IP-8P (C)	103	Station 103	Station 104	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>
	1/1-4 SIS-IP-8P (C)	104	Station 104	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>
	1/1-5 SIS-IP-8P (C)	105	Station 105	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>
	1/1-6 SIS-IP-8P (C)	106	Station 106	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>
	1/1-7 SIS-IP-8P (C)	107	Station 107	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>
	1/1-8 SIS-IP-8P (C)	108	Station 108	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>
	1/2-1 SIS-IP-8P (C)	109	Station 109	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>
	1/2-2 SIS-IP-8P (C)	110	Station 110	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>
	1/2-3 SIS-IP-8P (C)	111	Station 111	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>	----	<input type="checkbox"/>