Commend RTP Interface



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

General CCT 800 configuration

Basically, there a 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

- L-IP-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

ė- t	Subscriber A	5	RTP Co	nfigurati	ion														
	General Entitlements	ſ	Lic		I/S-P	Call number	Description	RTP Server IP	RTP port	Reserved RTCP port	Quality	Reduction	RTCP - interval [s]	Mode	VOX-Control	VOX-Follow up time [s]	Interface synchronization	SNTP	1
	All Calls / Group Calls / Zones Group Call with feedback protection	ľ	•	1/1-1	SIS-IP-8P (D)	101	Station 101	10.10.1.222	5004	5005	3,5 kHz 💌 A-Law	0 –	Off 🝷	Conversation + tones ~			Exacq 💌	On via IS	•
	Call Disabling Direct Dialling	Lľ.		1/1-2	SIS-IP-8P (D)	102	Station 102							Only conversation Conversation + tones					
	Audio - Features DSP-Features	lŀ		1/1-3	SIS-IP-8P (C)	103	Station 103												
	Signal Tones - DSP Stations Audio recording	lh																	
	User Login																		
	Calling history																		
-	Bonding	/																	

2. Streaming from a subscriber card

Requirements

- L-IP-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".

Call Disabling	Co	mmor	Extended Settings [Direct dialling but	tons Handset	Voice activity d	detection Additional of	levic	e									
 Direct Dialling 		1		-				-		1	Offline		Kau	Invert	Invert	Line monitoring		Ē
 Audio - Features 		Lic	I/S-P	Call number	Description	Series	Station type		Mutation	Additional device	mode	Audio	debounce time [s]	key 0	key T	delay time [s]	Software v	
 DSP-Features 	11-	-	1/1-1 SIS-IP-8P (D)	101	Station 101	EE 9xx	- EE 900A	-	a	🔻	Off	Digital 16 kHz 👻	0.000 -			0 +	06.2 Test 04	
 Signal Tones - DSP Stations 	11-		1/1-2_SIS-IP-8P (D)	102	Station 102	FE Ovy	- FE 900A				Off	Digital 16 kHz	0.000 -			0 -	05.3	1
 Audio recording 			1/1-2 313-1F-0F (D)	102	Station 102		- LL SOUA	-	<u> </u>	•			•.000			• •	03.5	4
• User Login			1/1-3 SIS-IP-8P (D)	103	Station 103	EE 9xx	EE 900A	-	<u></u>	•	Off	Digital 16 kHz 💌	0.000 💌			•	06.2 Test 06	4
• RTP Configuration			1/1-4 SIS-IP-8P (D)	104	Station 104	RTP server	 RTP server 	\sim			Off	Digital 16 kHz 💌	0.000 💌			0 🗸		1
Calling history	1		1/1-5 SIS-IP-8P (D)	105	Station 105	WS digital	 RTP server 				Off	Digital 16 kHz 👻	0.000 👻			0 👻		1
 Bonding 			1/1-6_SIS-IP-8P (D)	106	Station 106	WS digital	WS 800F D	τl			Off	Digital 16 kHz 👻	0.000 -			0 -		1
🗄 🍋 Station properties		-	1/1 7 CIC ID OD (D)	407	0	we in	Luc conv. ch.	=			0//	D	0.000		-	-		1
👝 Alarm triggering			1/1-7 SIS-IP-8P (D)	107	Station 107	WSIP	- WS 500V I CM	-			011	Digital 16 kHz	0.000			•	4	1
🗉 늘 Speech recording			1/1-8 SIS-IP-8P (D)	108	Station 108	WS IP	WS 200P I family	-		•	Off	Digital 16 kHz 💌	0.000 🔫			0 🗸		1
🕀 👝 Feed-in		1	1/2-1 SIS-IP-8P (C)	109	Station 109	WS IP	 WS 810F I 	-		🔻	Off	Digital 16 kHz 💌	0.000 👻			0 🗸	×	1
- Control Desks 🗸	<																>	1



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

- • Entitlements	^ F	TP Co	nfiguration														
All Calls / Group Calls / Zones Group Call with feedback protection		Lic	I/S-P	Call number	Description	RTP Server IP	RTP port	Reserved RTCP port	Quality	Reduction	RTCP - interval [s]	Mode	VOX-Control	VOX-Follow up time [s]	Interface synchronization	SNTP	^
Call Disabling Direct Dialling			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 ~			Exacq	On via IS 👻	1
Audio - Features DSP-Features Singel Tanage DSD Sections			1/1-1 SIS-IP-8P (D)	101	Station 101							RTP server					
Audio recording			1/1-2 SIS-IP-8P (D)	102	Station 102												
RTP Configuration Calling history			1/1-3 SIS-IP-8P (D)	103	Station 103												
Bonding Station properties	, -		1/1-7 SIS-IP-8P (D)	107	Station 107												
< >	Ŀ		1/1.0 CIC ID 00 (D)	100	Ca-41 100								_				×

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).

Call Disabling	^	Audio o	hannel - allocation				
 Direct Dialling 				1			
 Audio - Features 		Lic	I/S-P	Call number	Description	In parallel to Attendant contact ICX messages	Ĥ
 DSP-Features 			1/1-4 SIS-IP-8P (D)*	104	Station 104	Station 104 V V	
 Signal Tones - DSP Stations 							
 Audio recording 			1/1-1 SIS-IP-8P (D)	101	Station 101		
• User Login							
 RTP Configuration 			1/1-2 SIS-IP-8P (D)	102	Station 102		
 Calling history 							
• Bonding			1/1-3 SIS-IP-8P (D)	103	Station 103		
🗄 🍋 Station properties		_	1/1-5_SIC-ID-0D (D)	105	Station 105		
			1/1-5 SIS-IF-OF (D)	105	Station 105		
📥 🏊 Speech recording			1/1-6 SIS-IP-8P (D)	106	Station 106		
Audio channel - allocation							
Recording			1/1-7 SIS-IP-8P (D)	107	Station 107		- V

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).

	 Bonding Station properties 	^ [Li	c	I/S-P	Call number	Description	Conversation	Mandatory recording	Alarm	Mandatory recording	All/Group Call	Mandatory recording	Conferen	ice	Mandatory recording	^
-	Alarm triggering	lr		1/1	I-1 SIS-IP-8P (D)	101	Station 101	Station 104 🗸				💌			-		
	늘 Speech recording	1		1/1	I-2 SIS-IP-8P (D)	102	Station 102					•			-		
	Audio channel - allocation			1/1	-3 SIS-IP-8P (C)	103	Station 103	Station 104				•			-		
	Recording			1/1	-4 SIS-IP-8P (C)	104	Station 104	···· •				····· •			-	_	
	Feed-in		_			105	Station 101							-	<u> </u>		
⊕ (Control Desks			1/1	1-5 SIS-IP-8P (C)	105	Station 105	•				···· •			-		
	Call Request	_11		1/1	I-6 SIS-IP-8P (C)	106	Station 106	•				•			-		
	Video	11		1/1	I-7 SIS-IP-8P (C)	107	Station 107	•				···· •			-		
	 Remote Stations 	. Ib		1/1		109	Station 109										
	 Receiver Music / Radio conference 				1-0 313-1F-0F (C)	100	Station 100	•				•			-		
	 Predefined conferences 			1/2	2-1 SIS-IP-8P (C)	109	Station 109	•				•					
-(Attendant contacts			1/2	2-2 SIS-IP-8P (C)	110	Station 110	•				•			-		
	늘 Door opener	v L		1/2	2-3 SIS-IP-RP (C)	111	Station 111	.				···· •					×