The document describes the following topics:

- 1. Connection to VM machines with installed Cisco IP Communicator via Remote Desktop client
- 2. Audio Settings Configuration for Cisco IP Communicator

1. Connection to VM machines with installed Cisco IP Communicator via Remote Desktop client

It is important to use Remote Desktop client for connection to virtual machines with installed Cisco IP Communicator according to instructions described below otherwise a virtual sound card is not detected on a remote computer and Cisco IP Communicator fails to start.



Picture 1 - Sound Card is not Detected if Audio is not Played on Remote Computer

1a) **RDP client installed on Windows**

To connect to spx.voip.bluex.ex using Windows Remote Desktop client, please configure your RDP client – *Show Options – Local Resources* (tab) – *Settings* (Configure remote audio settings) and choose option *Play on remote computer*.

neral Di	play Local Resources Programs Experience Adva	nced
emote au	dio	1000000
	Configure remote audio settings.	
	Settings	
emote D	esktop Connection	L
	Domoto Dockton	
4	Remote Desktop Connection	
Remote	Remote Desktop Connection	
Remote	Remote Desktop Connection audio playback Play on this computer	
Remote	Remote Desktop Connection audio playback Play on this computer Do not play	
Remote	A Remote Desktop Connection audio playback Play on this computer Do not play Play on remote computer	
Remote Remote	A Remote Desktop Connection audio playback Play on this computer Do not play Play on remote computer audio recording	
Remote	Remote Desktop Connection audio playback O Play on this computer Do not play Play on remote computer audio recording Record from this computer	

Picture 2 - Remote Desktop Client Configuration on Windows

1b) **RDP client installed on Linux**

To connect to spx.voip.bluex.ex using Remote Desktop client installed on Linux, please start your RDP client with parameter – *r* sound:remote.

\$ rdesktop 10.x.3.2 -r sound:remote

2. Audio Settings Configuration for Cisco IP Communicator

Audio settings must be configured using Audio Tunning wizard once Cisco IP Communicator is first time started.

Click **Next** to continue.



Do not change default settings and click *Next*.

🐕 vcenter.c-lab.int - v5p 🛃 sp1.voip.blue1.ex on esx-t08.c-	-lab.int			_ _ 5 ×
File Edit View Inventor File View VM				
🖸 🖸 💁 Home 🔳 🚺 🕨 🧐 🔯	1 🖪 🔛 🗇 🤛			Q
E G Blue				
H 😥 Blue H 🔗 Blue Recycle Bin				
E CI14TES				
Cisco IP	() Audio Turino Missod - Cale	and Audia Devices		
Č	Qg Audio Tuning Wizard - Sele			
	Select Audio Devices	much select the device you woull Communicate to use if you as a field updatabandies		
į 🗾	audio devices and modes, s	see the user guide.		
j Mozilla Firefox				
Č				
0	1			
ΞĞ	Headset:	Line 1 (Virtual Audio Cable)		
ć	Speakerphone:	Line 1 (Vitual Audio Cable)		
E 😔 BLUE	Handset:	Line 1 (Virtual Audio Cable)		
H @ :	Hinger:	Line I (Virtual Audio Cable)		
				_
Recent Tasks		Back Next Cancel		Clear ×
Name				ad Time
Tasks 🞯 Alarns				C-LAB\michal sadion1
🍂 🛃 🚔 🏉 🖉 🗸			EN 🛠 [P 🔁 ゆ 13:44

Click *OK* to continue.

🥐 vcenter.c-lab.int = v5r 🔗 sp1.voip.blue1.ex on esx-t08.c-lab.int 💽 🗇	× •
File Edit Wew Inventor File Wew VM	
🖬 🖬 🛕 Home 🗧 👪 🕨 🧐 🔯 🎲 🎲 🤣 🤣	Q
III Image: State in the	×
Image: Second	
B BUL Ranger: Line 1 (Mtudi Audo Cable)	
Recent Tasks	Clear ×
Name Usa Usa Cabe	ed Time
Taks 😰 Alams	C-LAB\michal.sadlon1
Nstat 🐰 🗵 🚞 🥝 🕗 🔊	* 🕞 👘 🎲 13:45

Click *Play* to adjust the listening volume.

😗 vrenter.c-lab.int - v5t 🚱 sp1.voip.blue1.ex on esx-t08.c-lab.int	- -
File Edit Wew Inventor: File View VM	
	Q
■ 00	
Communities Q2 Audio Tuning Wizerd - Adjust the Listening Volume for 'Virtual Audio Cable'	
Adjust the Listening Volume Macillo Macil	
Reversion of the second secon	_
Recent Tasks Barke Mart Canal	Clear ×
Name	ed Time
Tranks 🙊 Alarms [C-LAB\michal.sadlon1
Afstart 🐰 🛛 🎇 🏉 🛃 🔊	P 🔁 ゆ 13:46 💻

Click *Next* to continue in wizard.

😢 vcenter.c-lab.int - v5r 😰 sp1.voip.blue1.ex on esx-t08.c-lab.int	_ 🗆 🗡	_ _ / ×
File Edit View Inventor File View VM		
🖸 🖸 💁 Hame 🔳 💵 🕨 🧐 🕼 🕼 🕼 🤣 🤣 🤣		Q
■ 11		•
Concubinding Wizard - Adjust the Listening Volume for Virtual Audio Cable'		
Adjust the Listening Volume Macalu		
Image: Constraint of the sector of the se		_
		-
Recent Tasks Back Next Cannel		Clear ×
Name		d Time
	-	
Taska 🔮 Alama		C-LAB\michal.sadlon1
Afstart 🐰 🛛 🎇 🖉 🖉 🔊	EN 🗍 🖨 🖟	13:48 23.03.2014



Click *OK* to carry on with microphone configuration.

Click *Test* to test microphone settings.

🚰 vcenter.c-lab.int - vSp 🛃 sp1.voip.blue1.ex on esx-t08	c-lab.int	_ 🗆 🗵	_ 8 ×
File Edit View Inventor File View VM			
🖸 🖸 🛕 Home 🔳 💵 🕨 🐼 🔯			٩
B B D C C C C C C C C C C C C C C C C C		^	
ć	🖏 Audio Tuning Wizard - Adjust the Microphone Volume for 'Virtual Audio Cable'		
	Adjust the Microphone Volume Naise sure you are speaking into the recording device listed below. Fress the Test button and read this message at the bipical volume at which you would speak while on a phone call. Adjust the volume sliders until the level meter peaks at the highest yellow segment it you see bold a Master and a Frais elider cat the Master slider at 76% and then adjust the Fine slider to a comfortable level. If the level meter does not peak at the visiter slider at the Master and a Frais when the volume sliders are set to their highest levels, enable Microphone Boost if available.		
	Recording device: Minual Audo Cable		
	Playout Test		×
Recent Tasks	Back Next Cancel		Clear ×
Name			sd Time
Tasks 🔮 Alarms			C-LAB\michal.sadlon1
🍂 🛃 🖉 😂 🖓		EN 🛠 🛛	P 🔁 🍫 23 03 2014 💻

Then click *Next*.

File Edit View Inventor at the second	
The current and the view with	
	٩
Image: State Stat	
Adjust the microphone Volume Make sure you are speaking into the recording device listed below. Press the Test button and read this message at the typical volume at which you would speak while on a phone call. Adjust the volume silders until the level meter peaks at the highest yelow segment. If you are both a Master and a rat 75% and then adjust the Fine silder to a comfortable level. If the level meter does not peak above the green segments even when the volume silders are set to their highest levels, enable Microphone Boost if available.	
C C C C C C C C C C C C C C C C C C C	
	4 9
Accent Tasks	Clear X
Back Next Cancel	ad Time
	C-LAB/michal.sadlon1

Click *Finish* to finalize wizard.

😕 vcenter.c-lab.int - 🕫 🛃 sp1. voip.blue Lex on ess-t08.c-lab.int	_ 8 ×
File Edit Wew Inventor File View VM	
🖸 🖸 🔥 Home 🔳 💵 👂 🧐 🕼 🕼 🕼 🤣 🤣	Q
	Î
Communica 🖏 Audio Tuning Wizard	
Image: Second and Second	
Back Finish Cancel	Liear A
S Tasks W Alams	C-LAB\michal.sadion1
Arstart 🐁 🛛 🎇 🏉 🛃 🥥	P 🔁 ゆ 13:53 💻



To restart Cisco IP Communicator after the audio configuration click **OK**.