

CONFIGURATION NOTE

Connecting Ascom i62 to Microsoft Lync Server 2010/2013 via Audiocodes SPS

Gothenburg 2014-01-16

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SUMMARY

This document provides the necessary guidelines for setting up Ascom i62 with AudioCodes' SIP Phone Server (SPS) in order to connect Ascom i62 to Microsoft Lync 2010 & Lync 2013 via the AudioCodes SPS.

Information contained in this document is based on interoperability testing setup configuration and mutually reviewed by Ascom and Audiocodes. However, due to ongoing product improvements and revisions, Ascom cannot guarantee the accuracy of printed material after the Date Published, nor can it accept responsibility for errors or omissions.

Updates to this document as well as software files can be obtained by registered customers at the Ascom partner web at https://www.ascom-ws.com/



CUSTOMER SUPPORT

Ascom Support:

Technical support for the Ascom IP DECT product can be obtained through your local Ascom supplier. Contact Ascom global technical support:

Email: support@ascom.se or Help desk: +46 31 559450.

AudioCodes Support:

Customer technical support and service are generally provided by AudioCodes' Distributors, Partners, and Resellers from whom the product was purchased. For technical support for products purchased directly from AudioCodes, or for customers subscribed to AudioCodes Customer Technical Support (ACTS), contact support@audiocodes.com.

ascom

INTRODUCTION

This document is intended for Ascom i62 Installation Engineers or Microsoft Lync Partners who are installing Ascom i62 in front of AudioCodes SPS.

The configuration guidelines describe the required configuration to setup the Ascom i62 with Microsoft Lync 2010&2013 via AudioCodes' SIP Phone Support (SPS).

The objective of this configuration note is to assist with the required integration of the Ascom i62 with the AudioCodes SPS. For a comprehensive installation guide and setup of the Audiocodes SPS and Ascom i62, refer to the respective products installation and configuration manuals.

This document does not include any Microsoft Lync 2010/2013 configuration. It is assumed that Enterprise Voice users are already defined in the Microsoft Lync 2010/2013 environment and standard Line URI, dial-plan, voice-plan and external access policies are applied. The Ascom i62 user on the SPS does not require any special configuration on the Microsoft Lync server.

For more information on the SPS configuration, refer to the SPS Installation Wizard User Guide and the SPS Web Admin User Guide.



The standard architecture is illustrated in the figure below:



COMPONENTS INFORMATION

Ascom components

Vendor	Ascom			
Model	Ascom i62 VoWiFi Handset			
Software version	Ascom i62 software 4.2.4 or later			

AudioCodes components

Vendor	AudioCodes		
Model	Windows 2008 Server with AudioCodes SPS		
Software version	• Windows 2008 Server with AudioCodes SPS - firmware version 3.0.6		
Software version	AudioCodes M1000B gateway - firmware version 6.60A.010.006		
Additional Notae	Windows 2008 Server with AudioCodes SPS was used for testing.		
Additional notes	AudioCodes M1000B gateway was used to connect PSTN users.		



CONFIGURATIONS

AudioCodes SPS Configuration

SIP P-Preferred-Identity header handling:

The AudioCodes SPS needs to be configured to ignore the SIP element "p-preferred-id" sent by Ascom i62 and Ascom IP-DECT.

- Open the file "C:\Program Files\Audiocodes\SPS\SPS Switch\conf\dialplan\default\07_fs2ocs.xml"
- Under the section <extension name="Regular FS to OCS"> add the following parameter: <action application="export" data="sip_invite_full_from=sip:\${sip_from_uri}"/>
- Save the file
- Restart the SPS-switch service

The below screenshot shows the xml file with the parameter added.



To add a new user in AudioCodes SPS:

- The AudioCodes SPS user administration is reached through a web GUI. Browse the SPS server and login.
- Users are replicated from the Microsoft Lync to the SPS server. Note that SIP addresses are case sensitive concerning settings in SPS.
- To find the user it has to be active with Enterprise Voice enabled in the Lync server.
- Add a user by searching for the name and press "Find"

Configuration Management Status & Diagnostics	Add New User / Edit User Filter Claes Andreasson Find
Navigation Tree	Eg: John Smith, *ohn Smith, John Sm

• In the search results list, click "add" to add the user.

Status	Add New User / Edit User					
Configuration Management & Diagnostics	Filter Claes Andreasson Eg: John Smith, *ohn Smith, John Sm Hide existing users Search results for: Claes Andreasson	Find				
Add user Add user Manage Multiple Users	Image: Optimized for the state of	Display Name claes andreasson	Phone tel:+46313030540	Site Ascom Gbg	Status OK	
Manage Multiple Devices Minport Users Management Tools Devices Configuration						



- Configure user properties
- When complete, press "submit"

	Add new user				
Configuration Management Status & Diagnostics	Nei	w user properties	-		
	Display Name	Claes Andreasson	-		
Navigation Tree	License Type Site	AC User License			
Add user	Access Pool	access pool 1			
Manage Multiple Devices Simport Users Simport CMS Users			-		
				V Submit	Back

• Press "Add Another User" or "Cancel". "Add Device" is not necessary for Ascom i62 or Ascom IP-DECT devices as those devices are configured by the Ascom Device Manager.





- The new user is created in the SPS and it is assigned with a random SIP Password.
- Open the new created user for editing.
- Set the user SIP Password in SPS for each user. This password must match the configuration in the Ascom i62 or the IP-DECT device.
- Press "Submit"

Cardimenting Harrison Status	Edit User Claes Andreass	on		
Configuration Management & Diagnostics	User Settings Devices			_
	MOC sign in: C	laes.Andreasson@ascom.se		
Navigation Tree	Display Name	Claes Andreasson		
System Settings	Line URI	tel:+46313030540		
Users	SPS User License Type	AC User License		
Add user	IP-Phone Display Name	+46313030540		
Manage Multiple Users	Site	Ascom Gbg		
Import Users	Access Pool	access pool 1		
Import CMS Users				
IP-Phones Configuration	Advanced Settings			
	Password	••••••		
	Numeric Name			
	Click here to Lock ph	one.		
	Permission to lock Pho	ne		
	Permission for Hot Des	king		
	Enable Hot Desking Au	to Login for IP Phone on startup		
				-
	I (Force the SPS to hynass	the media		-
			\checkmark	
			Submit	Back

• The user is now configured within the SPS. Check the user list to see that the user is added (but not yet any device registered).

SIP Phone Support For Microsoft® Lync™ Server 💿 Home 🙆 🙆 Help 😁 Log off								
Status Manage Users								
Contiguration Management & Diagnostics	Sit	e All sites	▼ Search	60				
Navigation Tree					<-first pre	v next las	t-> Showing 1 to 10	of 10 users
Beusers		Devices	Registered devices	Login Name	Display Name	Site	Line URI	
Users	1			peter.wilson@ascom.se	Peter Wilson	Ascom Gbg	tel:+46313032607	0 🖉 🕄
Add user	2	€(1)		Peter.Bengtsson@ascom.se	Peter Bengtsson	Ascom Gbg	tel:+46313032610	0 🖉 🕄
Manage Multiple Devices	3	⊞ (1)		Per-Erik.Langstrom@ascom.se 🔻	Per-Erik Längström	Ascom Gbg	tel:+46313032602	0 🖉 🕄
Import CMS Users	4	⊞ (1)		Matthew.Williams@ascom.se	Matthew Williams	Ascom Gbg	tel:+46313032612	0 🖉 😫
■■Management Tools ■■IP-Phones Configuration	5	±(1)		Henrik.Sandberg@ascom.se	Henrik Sandberg	Ascorn Gbg	tel:+46313032609	0 🖉 😫
	6	⊞ (1)		Henric.Chronholm@ascom.se	Henric Chronholm	Ascorn Gbg	tel:+46313032611	0 🖉 🕄
	7	±(1)		Claes.Andreasson@ascom.se	Claes Andreasson	Ascorn Gbg	tel:+46313030540	0 🖉 😫
	8	±(1)		carl-anders.berntsson@ascom.se 🔻	Carl-Anders Berntsson	Ascom Gbg	tel:+46313032605	0 🖉 😮
	9			Bo.Johansson@ascom.se	Bo Johansson	Ascorn Gbg	tel:+46313032601	0 🖉 🕄
	10) 🗉 (1)		anders.lindell@ascom.se 🔹	Anders Lindell	Ascom Gbg	tel:+46313032606	0 🖉 🕄



Ascom i62 Configuration

Prerequisites for the Ascom i62 settings are that the Network settings are configured for WLAN access. In this configuration example case the display name has also been configured under the "Device" settings.

VoIP->General settings:

• The Ascom i62 has to be added with the Endpoint number and configured with Endpoint ID (case sensitive) that corresponds to the settings in SPS

Edit parameters for	3030540		x
Device type: i62 Parameter version: 14.	Messenger 266		
Network Device Audio	Name Replace Call Rejected with User Busy	Value No	0
Presence	VoIP protocol Codec configuration Codec packetization time configuration	SIP G.711 A-law tion 20	0 0 0
General + H.323	Offer Secure RTP Internal call number length Endpoint number	No 0 3030540	0 0 0
SIP Customization Services	Endpoint ID	Claes.Andreasson	õ
 Push-To-Talk Headset User Profiles System Profiles 			



VoIP->SIP settings:

- Sip Proxy ID is set to the domain name or alternatively the IP-address of the SPS
- SIP proxy password must match the user password as configured in the SPS
- Registration identity and Authentication identity must both be set to Endpoint ID
- Outbound Proxy settings need clarification



Document History

Rev	Date	Author	Description
P1A	2013-12-06	SEPB/SEHSa	First draft
P2A	2013-12-18	SEHSA	Intermediate update
R1	2014-01-16	SEHSA	Updated after Ascom/Audiocodes review