

Avaya Solution & Interoperability Test Lab

Application Notes for Biamp Tesira SVC-2 and Avaya IP Office R9.0 – Issue 1.0

Abstract

These Application Notes describe the procedures for configuring Biamp Tesira SVC-2 which were compliance tested with Avaya IP Office R9.0.

The overall objective of the interoperability compliance testing is to verify Biamp Tesira SVC-2 functionalities in an environment comprised of Avaya IP Office and various Avaya H.323, SIP IP Telephones, and DCP telephones.

Information in these Application Notes has been obtained through DevConnect compliance testing and additional technical discussions. Testing was conducted via the DevConnect Program at the Avaya Solution and Interoperability Test Lab.

1. Introduction

These Application Notes describe the procedures for configuring Biamp Tesira SVC-2 which was compliance tested with Avaya IP Office.

The Tesira SVC-2 enables conferencing over VoIP directly from Tesira SERVER-IO, with two channels of VoIP interface per card. Tesira SVC-2 allows Tesira SERVER-IO to connect directly to IP-based phone systems and eliminate the need for VoIP adapters. Used in conjunction with SEC-4 4-Channel Wideband Acoustic Echo Cancellation Input Cards and STC-2 Dual-Channel Telephone Interface Cards, the Tesira SVC-2 makes Tesira SERVER-IO a powerful, flexible, and affordable telephone conferencing product available. Combined with the STC-2 Card, the Tesira SVC-2 makes it possible to create redundancies within a conferencing system for multipoint conferences and/or back-up to VoIP lines. Up to 6 Tesira SVC-2 can be installed into a single Tesira SERVER-IO unit.

For further details on Tesira SVC-2 configuration steps not covered in this document, consult **Section 9 [2]**.

These Application Notes assume that Avaya IP Office is already installed and basic configuration steps have been performed. Only steps relevant to this compliance test will be described in this document. For further details on configuration steps not covered in this document, consult **Section 9** [1].

2. General Test Approach and Test Results

The general test approach was to place calls to and from Biamp Tesira SVC-2 and exercise basic telephone operations. The main objectives were to verify the following:

- Registration
- Codecs (G.711MU,G.729)
- Inbound calls
- Outbound calls
- Hold/Resume
- Call termination (origination/destination)
- Serviceability

DevConnect Compliance Testing is conducted jointly by Avaya and DevConnect members. The jointly-defined test plan focuses on exercising APIs and/or standards-based interfaces pertinent to the interoperability of the tested products and their functionalities. DevConnect Compliance Testing is not intended to substitute full product performance or feature testing performed by DevConnect members, nor is it to be construed as an endorsement by Avaya of the suitability or completeness of a DevConnect member's solution.

2.1. Interoperability Compliance Testing

All test cases were performed manually. The general test approach was to place various types of calls to and from Biamp Tesira SVC-2. Biamp Tesira SVC-2 operations such as inbound calls, outbound calls, hold/resume, and Biamp Tesira SVC-2 interactions with Avaya IP Office. Avaya SIP, H.323, and DCP telephones were also verified during testing. For serviceability testing, failures such as cable pulls and resets were applied.

2.2. Test Results

All test cases passed.

2.3. Support

Technical support for the Biamp Tesira SVC-2 solution can be obtained by contacting Biamp at:

- <u>http://www.biamp.com/support/index.aspx</u>
- (800)-826-1457

3. Reference Configuration

Figure 1 illustrates a sample configuration consisting of an Avaya IP Office and Biamp Tesira SVC-2. Avaya S8300D Server with an Avaya G450 gateway was included in the test to provide an inter-switch test scenario. For completeness, Avaya 5610 and 1616-I H.323 IP Telephones, Avaya 9600 Series SIP IP Telephones, Avaya 9600 Series H.323 IP Telephones, Avaya 6400 and 1416 Series Digital Telephones, are included in **Figure 1** to demonstrate calls between Biamp Tesira SVC-2 and Avaya SIP, H.323, and digital telephones.

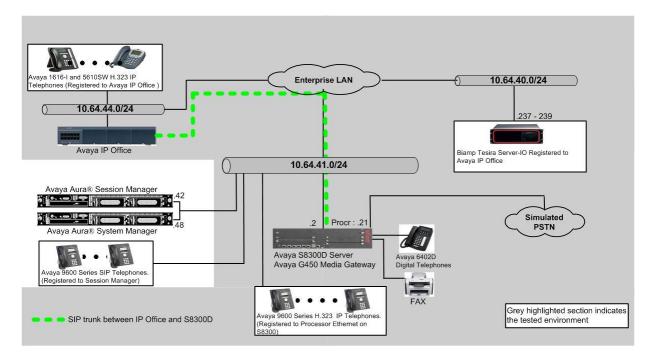


Figure 1: Test Configuration of Biamp Tesira SVC-2 with Avaya IP Office

4. Equipment and Software Validated

The following equipment and software were used for the test configuration.

Equipment/Software		Release/Version
Avaya IP Office 500 V2		9.0 (829)
Avaya IP Office Manager		9.0 (829)
	•	
Avaya Aura® Communication Ma	0 0	6.3 (03.0.124.0-21172)
on Avaya S8300D Media Server w	ith Avaya	
G450 Media Gateway		
Avaya H.323 IP Telephones on IP	Office	
5610 (H.323)		2.9.1
1616-I (H.323)		1.22
Avaya 1416 Digital Telephone on 1	IP Office	-
Avaya 9600 Series H.323 Telephon	nes on S8300D	
server		
	9620 (H.323)	3.1
	9630 (H.323)	3.1
	9650 (H.323)	3.1
Avaya 9600 Series SIP Telephones	· · · · ·	
	9620 (H.323)	2.6.4
	9630 (H.323)	2.6.4
Avaya 6408D+ Digital Telephone	9050 (II.5 <u>2</u> 5)	
Truya 0400D + Digital Telephone		
Diama Tagina SVC 2		1.2.1
Biamp Tesira SVC-2		
Biamp Tesira		2.0.0
Biamp Linux		3.2.48-BIAMP

5. Configure Avaya IP Office

This section provides the procedures for configuring Avaya IP Office. The procedures include the following areas:

- Verify IP Office license
- Obtain LAN IP address
- Administer SIP registrar
- Administer SIP extensions
- Administer SIP users

These steps are performed from the Avaya IP Office Manager.

5.1. Verify IP Office License

From a PC running the Avaya IP Office Manager application, select **Start** \rightarrow **All Programs** \rightarrow **IP Office** \rightarrow **Manager** to launch the Manager application. Select the proper IP Office system if there are more than one IP Office system, and log in with the appropriate credentials.

The Avaya IP Office Manager screen is displayed. From the configuration tree in the left pane, select Licence $\rightarrow 3^{rd}$ Party IP Endpoints to display the Avaya IP endpoints screen in the right pane. Verify that the License Status field is set to Valid.

IP Offices				ei - 🖻	\times	✓ <
8 BOOTP (2)	License Remote Server					
Operator (3) ODE00705AC6F	License Mode License Normal					
	License mode - License worman					
😧 🤜 System (1)	PLD5 Host ID 111314589623					
匣 行 Line (16)						
🗄 🖘 Control Unit (3)	Feature	License Key	Instances	Status	~	Add
🗄 🛷 Extension (22)	Unused (1)	mKDOmVhGdK58dkf@UW9NqXLOthVjsmiC	255	Valid		
🗄 🧯 User (24)		NITTzDqV5Vjwvi7DwJMh1X66PsxePuMQ	255	Valid		Remove
😟 🎇 Group (2)		eGO0kRyzadLNK6BltsuTr4aSLaNhSuZe	255	Valid		
🗄 😨 Short Code (70)	Integrated Messaging a	aXBzTaLhADyDXikVTtcVxyv@YOOMGL89	255	Valid		
Service (0)	Preferred Edition (Voicemail Pro) u	uXcPx6BIVD6EOKoMasx4aOwfcFxVd6OC	255	Valid		
■ 2 RAS (1)	Microsoft CRM Integration (users) u	uKxl4Ob1SGx0jXzNWG7XxNq5D2E0SppM	255	Valid		
	CCC Spectrum Wallboards 0	OXIL3qdVvAhLUzkikfuY1b7M5u8zPk ×	255	Valid		
Incoming Call Route (18)	DECT Integration (ports)	Nq0Mn3LNMvpbAWLaCkuo6bE7pHmOwPzM	255	Obsolete		
- 🧐 WanPort (0)	Phone Manager Pro u	uyBx3UoMtsrHbgu1whuSLGf1dNmMwk@e	255	Valid		
🛶 Directory (0)	Phone Manager Pro IP Audio Enabled 9	9y2X4ndXPKzpy9wltdz96kpDQ09ujrOx	255	Valid		
		ByNImEtb9NVVtOr5UlmBofvH9gOAYMre	255	Valid		
🛓 📵 Firewall Profile (1)	CCC Server t	tnJUfTtgVD0eKP8eBgzlcarXeH7Bs5j5	255	Valid		
IP Route (9)	CCC Agents 9	9TK94ayWDGu6O8rMnie4kyZFvk9DrY_9	255	Valid		
Account Code (0)	CCC PC Wallboards	TQHmqtSSS4HDtpeWE7T1uiOS998jqjz	255	Valid		
License (78)	CCC Supervisors E	DaIkWGy69vYFFI B4gECHKSnG5cFAE99	255	Valid		
	Receptionist ii	ITLHfgGLK5FI9kuwJ8lrxU8YXZcGRO1	255	Valid		
Tunnel (0)	eBLF t	bXek0ZvgDS1EK7xVPPmloP_iGCEwgglQ	255	Valid		
🗈 🏰 User Rights (8)	Preferred Edition Additional Voicemail F	FvBFJvmEVXrFUyRtYC9mxZg1Mn2JSQMe	255	Valid		
👘 Auto Attendant (0)	CCC Designer (users)	htHSksbjvAMayOBTPSeJ55d6gZlvA8xu	255	Valid		
🖮 🦹 ARS (4)	CCC Agent Rostering b	bvJHWo@ZtDBdizYNRV7ok2pdP6eVvWOm	255	Valid		
RAS Location Request (0	3rd Party IP Endpoints F	PUxZ_9mA9KfiyTuDWmeOcBEdvQLusPd1	255	Valid		
kocation (0)	Phone Manager Pro (per seat)	_I1b7mtIEj4P2Ep@hZcwBQA7M0NPPzO5	255	Valid		
	<	wanal wowl court of suffered	055	and the first state of the stat)
			ОК	Can		Help

5.2. Obtain LAN IP Address

From the configuration tree in the left pane, select **System** to display the System screen in the right pane. Select the **LAN1** tab, followed by the **LAN Settings** sub-tab in the right pane. Make a note of the **IP Address**, which will be used later to configure Biamp Tesira SVC-2 in **Section 6**.

Note: During the initial configuration of Avaya IP Office, the LAN1 was configured on the private network side and LAN2 was configured on the public network side. Avaya IP Office can support SIP extensions on the LAN1 and/or LAN2 interfaces, but the compliance test used the LAN1 interface. Thus, only the LAN1 configuration will be discussed in these Application Notes.

IP Offices	표 00E00705AC6F 🛛 🖆 - 🖻 🗙 🗸 < >
 BOOTP (2) Operator (3) ODE00705AC6F System (1) T(1) T(2) Control Unit (3) Extension (22) User (24) Group (2) Short Code (70) Service (0) RAS (1) Directory (0) Directory (0) Directory (0) Firewall Profile (1) Firewall Profile (1) Extense (78) User Rights (8) Auto Attendant (0) AS (4) Kas Location Request (0) 	System LANI LANZ DNS Voicemail Telephony Directory Services System Events SMTP SMDR Twinning VCM CCR Image: SMTP Twinning VCM CCR Image: SMTP Twinning VCM Twinning VCM

5.3. Administer SIP Registrar

Select the **VoIP** sub-tab. Ensure that **SIP Registrar Enable** is checked, as shown below.

IP Offices	E 00E00705AC6F
	System LAN1 LAN2 DNS Voicemail Telephony Directory Services System Events SMTP SMDR Twinning VCM CCR ()
	✓ H323 Gatekeeper Enable ✓ △ Auto-create Extn △ Auto-create Extn △ H323 Remote Extn Enable
Group (2) Group (2)	✓ SIP Trunks Enable
 Incoming Call Route (18) WanPort (0) Directory (0) 	Domain Name avaya.com
	Image: Wide wide wide wide wide wide wide wide w
License (78)	Challenge Expiry Time (secs) 10
: ∎ ∰ User Rights (8) ∰ Auto Attendant (0) 	PTP.
ASS Location Request (0 ASS Location (0)	

5.4. Administer SIP Extensions

From the configuration tree in the left pane, right-click on **Extension** and select **New** \rightarrow **SIP Extension** from the pop-up list to add a new SIP extension (not shown). Enter the desired digits for the **Base Extension** field.

IP Offices		SIP Extension: 8003 77018	📸 🕶 🔛 🗙 🗸 < >
🖮 🤜 00E00705AC6F	Extn VoIP T38 Fax		
।	Extension Id	8003	
	Base Extension	77018	
	Caller Display Type	On	*
<i>«</i> 6 206	Reset Volume After Calls		
	Device Type	Unknown SIP device	
	Location	Automatic	✓
8005 77011	Module	0	
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Port	0	
8001 77014 8002 77015 8003 77018	Force Authorization		
> 8004 77019 > 8007 77021			
> 8008 77022 > 8009 77023			
8010 77024			<u> </u>
 8011 77025 25 77026 26 77027 		<u>o</u> k	Cancel Help

Select the **VoIP** tab, and select codecs as shown below.

Repeat this section to add a new SIP extension for each Biamp Tesira SVC-2. During the compliance test, extensions 77018 and 77019 were created for Biamp Tesira SVC-2.

IP Offices		SIP Extension: 8003 77018	📸 • 🕑 🗙 🗸 < >
System (1) ● 00E00705AC6F ● 1 ↑ 1 ● 0 Control Unit (3) ● ● 0 Extension (22) ● ♦ ● ● 0 5 205 ● ● ● ● 0 5 205 ● ● ● 2 77002 ● 3 77003 ● 877008 ● 8005 77011 ● 8000 77013 ● 8000 77014 ● 8001 77014	Extn VoIP T38 Fax IP Address Codec Selection	0 • 0 • 0 • 0 System Default Unused G.722 64K G.722 64K G.722 64K G.723 1 6K3 MP-MLQ C<	 VoIP Silence Suppression Local Hold Music Allow Direct Media Path Re-invite Supported Codec Lockdown
8003 77018 8004 77019	Reserve License	None	
	Fax Transport Support	None	
8009 77023	TDM->IP Gain	Default	
	TD NTDM Chip	Dofoult	✓
% 8011 77025 <i>&</i> 25 77026			OK Cancel Help

CRK; Reviewed: SPOC 5/9/2014

Solution & Interoperability Test Lab Application Notes ©2014 Avaya Inc. All Rights Reserved. 8 of 18 Biamp-IPO90

5.5. Administer SIP Users

From the left pane, right-click on **User**, and select **New** from the pop-up list (not shown). Enter desired values for the **Name** and **Full Name** fields. For the **Extension** field, enter the SIP extension created in **Section 5.4**.

IP Offices	Extn218: 77018	📸 • 🔛 🗙 🗸 < >
25 77026	User Voicemail DND Short Codes Source Numbers Telephony Forwarding Dial In Voice Record	ling Button Programming Men.
🖃 🚪 User (24)	Name Extn218	
NoUser	Password ******	
77001 Extn201	Confirm Password ******	
77002 Extn202		
77003 Extn203	Account Status Enabled	×
205 Extn205	Full Name Biamp1	
206 Extn206	Extension 77018	
77008 Extn208	Email Address	
77011 Extn211	Locale	•
77012 Extn212		
	Priority 5	*
	System Phone Rights None	
	Profile Basic User	
77021 Extn221	Receptionist	
77022 Extn222	Enable Softphone	
	Enable one-X Portal Services	
77025 Extn225	Enable one-X TeleCommuter	
77028 Extn77027	Enable Remote Worker	
🗄 🎇 Group (2)	Enable Flare	
Bornes (0)	Enable Mobile VoIP Client	
Incoming Call Route (Send Mobility Email	
	Ex Directory	~
🗉 📵 Firewall Profile (1)	<u>O</u> K	<u>C</u> ancel <u>H</u> elp

Select the **Telephony** tab, followed by the **Call Settings** sub-tab. Check the **Call Waiting On** field, as shown below.

IP Offices	2	Extn218: 77018*		📸 - 🔛 🗙 🗸 < >
	Call Settings Supervisor Setti Outside Call Sequence Inside Call Sequence Ringback Sequence No Answer Time (secs) Wrap-up Time (secs)	ort Codes Source Numbers Telephony ngs Multi-line Options Call Log TUI Default Ring Default Ring System Default (15) 2 Off 100	Call Waitin	ng On Call Waiting On Hold Held

Solution & Interoperability Test Lab Application Notes ©2014 Avaya Inc. All Rights Reserved. Select the **Supervisor Settings** sub-tab, and enter a desired **Login Code**.

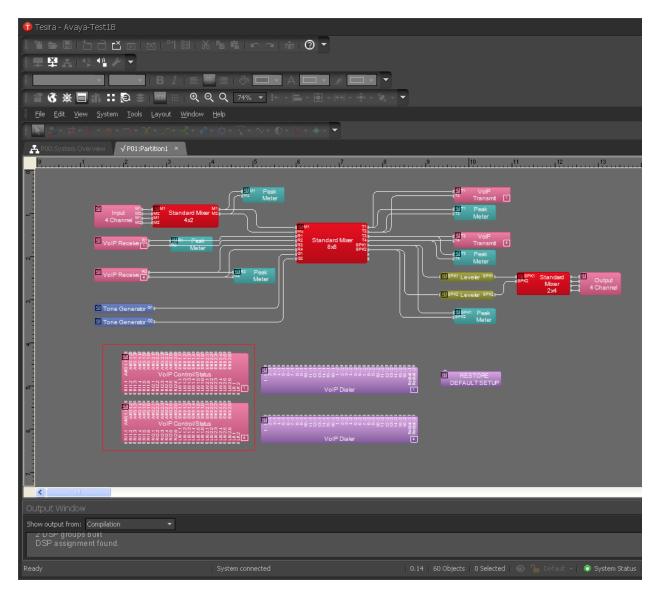
IP Offices	📴 Extn218: 77018* 📑 👻 🛛 🗶 🕹 🗸 🗐
25 77026	User Voicemail DND Short Codes Source Numbers Telephony Forwarding Dial In Voice Recording Button Programming Men
G 77027	Call Settings Supervisor Settings Multi-line Options Call Log TUI
NoUser	Login Code ******
77001 Extn201	Login Idle Period (secs)
77003 Extn203	Monitor Group
	Coverage Group Incoming Call Bar
206 Extn206 77007 Extn207	Status on No-Answer Logged On (No change)
77008 Extn208	CReset Longest Idle Time
	All Calls
	Cannot be Intruded
77015 Extn215	CCR Agent
77019 Extn219	After Call Work Time (secs) System Default (10)
77021 Extn221	Deny Auto Intercom Calls
77023 Extn223	
77025 Extn225	
77026 Extn77026	<u>O</u> K <u>Cancel H</u> elp

Repeat this section for each SIP extension from **Section 5.4**.

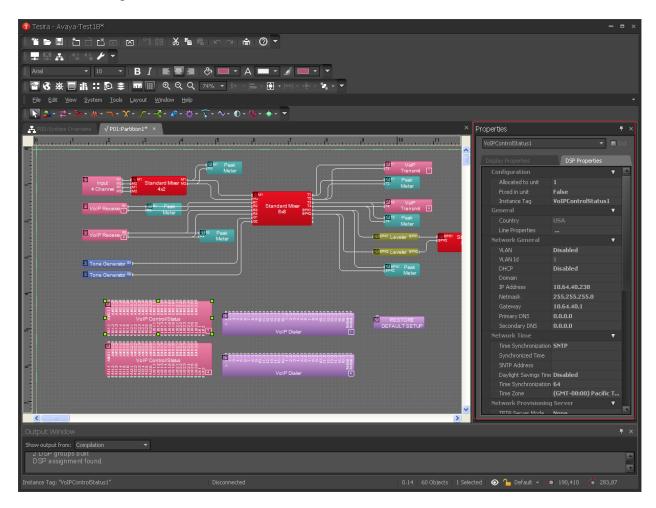
6. Configure Biamp Tesira SVC-2

Biamp installs, configures, and customizes the Tesira SVC-2 application for their end customers. This section only provides steps to configure Biamp Tesira SVC-2 to interface with Avaya IP Office. Select the Tesira icon from the Desktop to start Tesira software and design a VoIP system. How to configure a Tesira system is out of the scope of this application note.

• Highlight the VoIPControl/Status block, as shown below.



• Click on the right mouse button and select **Properties**, the Properties menu will display on the right as shown below.



• Navigate the **Protocol SIP Transport** to configure transport to be used. The default is UDP. During the compliance test, the default value was utilized.

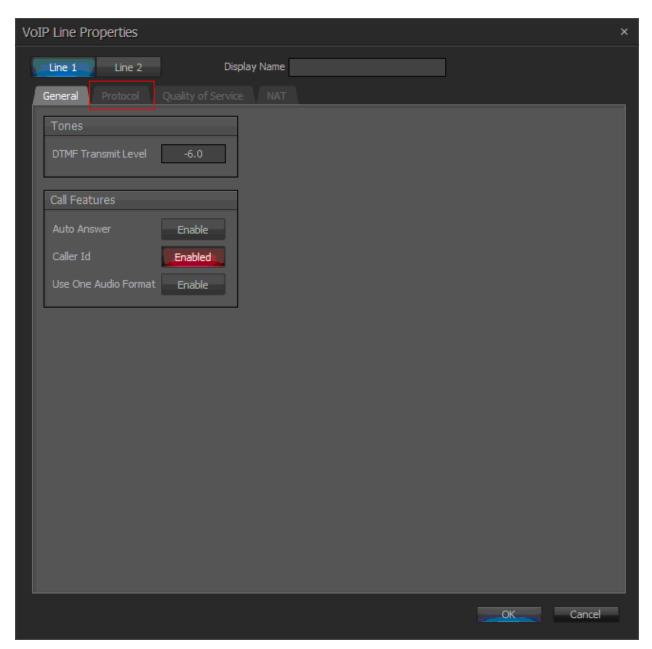
operties		٩	ب
VoIPControlStatus1	•	1:	
	DSP Properties		
Primary DNS	0.0.0.0		4
Secondary DNS	0.0.0		
Network Time		T	
Time Synchronization	SNTP		
Synchronized Time			
SNTP Address			
Daylight Savings Time	Disabled		
Time Synchronization	64		
Time Zone	(GMT-08:00) Pacific	т	
Network Provisioning	Server	•	
TFTP Server Mode	None		
TFTP Server Address			
DHCP Custom Option	150		
Network Ethernet		•	
	Auto		
	Full		
Pad Short Frame	Yes		
Accept Short Frame	Yes		
QoS		•	
	DiffServ -		
L2 Other User Priority			
L3 Other Precedence L3 Other Min Delav	u No		
L3 Other Max Throug			
L3 Other Max Reliabil			
	No		
Other Diff Serv	C50		
Protocol SIP		v	
	UDP	•	
Protocol SIPS	UDP		
Certificate Preferenci	TCP		
Root Certificate File N	TLS		
Customized Certificat			
Certificate File Name			
Private Key File Name			

• Select Line Properties under the General section

Þ

rop	erties		1	۴×
Vo	IPControlStatus1	*	1	×1
	isplay Properties	DSP Properties		
	Configuration		V	
	Allocated to unit	1		
	Fixed in unit	False		
	Instance Tag	VoIPControlStatus1		
	General		•	
	Country	USA		
	Line Properties			
	Network General		V	
	VLAN	Disabled		
	VLAN Id			
	DHCP	Disabled		
	Domain			
	IP Address	10.64.40.238		
	Netmask	255.255.255.0		
	Gateway	10.64.40.1		
	Primary DNS	0.0.0.0		
	Secondary DNS	0.0.0		
	Network Time		V	
	Time Synchronization Mode	SNTP		
	Synchronized Time			
	SNTP Address			
	Daylight Savings Time	Disabled		
	Time Synchronization Inter	64		
	Time Zone	(GMT-08:00) Pacific Time	≘ (
	Network Provisioning Serv	/er	•	
	TFTP Server Mode	None		
	TFTP Server Address			
	DHCP Custom Option	150		
	Network Ethernet		▼	
	Ethernet Speed	Auto		
	Duplex	Full		
	Pad Short Frame	Yes		
	Accept Short Frame	Yes		
	QoS		▼	
	Mode	DiffServ		
L	12 Other Heer Driority	2		\mathbb{N}

• From the Line Properties page, click the **Protocol** tab.



- From the Protocol page, provide the following information:
 - SIP User Name Enter a user created in Section 5.4.
 - Authentication User Name Enter a user created in Avaya IP Office.
 - Authentication Password Enter the password for the user in Avaya IP Office.
 - Proxy Vendor Select Avaya IP Office
 - Proxy Address Enter the IP address of IP Office.
 - **Proxy Port** Enter either 5060.
 - UDP or TCP 5060
 - Click on the **OK** button. Default values may be used for all other fields.

Note: Biamp Tesira SVC-2 can provide two inbound extensions (L1 and L2).

Line Properties			
SIP			
SIP User Name	77018	Registration Expiration	3600 seconds
SIP Display Name	77018,IP	Signaling Port	5060
SIP Domain Name		T1 Timer	500 ms
Authentication User Name	77018	Retransmit Timeout	32000 ms
Authentication Password	•••••	Session Timer	Enabled
Proxy Vendor	Avaya IP Office 🔹 🔻	Session Refresher	Auto 🔻
Proxy Address	10.64.44.21	Session Expiration	1800 seconds
Proxy Port	5060	Minimum Session Expiration	90 seconds
Outbound Proxy Address		Prack	None 🔻
Outbound Proxy Port	5060		
Local Dial Plan	[2-9]11 0T 011xxx.T [0-1][2-9]xxxxx	xxxx [2-9]xxxxxxxxxxx [2-9]xxx	т
RTP/SRTP		SIPS	
Port Start 10	0000	Keyword	
Port End 14	1999		
Static RTP Port E	nable		
SRTP	T		
G.723 Encoding Rate 5	.3 ▼ kbps		
			OK Cancel

Solution & Interoperability Test Lab Application Notes ©2014 Avaya Inc. All Rights Reserved. 16 of 18 Biamp-IPO90

7. Verification Steps

The following steps may be used to verify the configuration:

From a PC running the Avaya IP Office Monitor application, select Start → All Programs → IP Office → Monitor to launch the application. Select Status → SIP Phone Status from the top menu.

🕲 Avaya IP Office R8 SysMonitor - [STOPPED] Monitoring 10.64.44.21 (00E00705AC6F); Log Settings - C: Wocume 🔳 🗖 🔀
<u>Fi</u> le <u>E</u> dit <u>V</u> iew Filters <u>S</u> tatus <u>H</u> elp
********** SysMonitor v10.0 (16) **********

********** System (10.64.44.21) has been up and running for 13days, 20hrs and 20mins(1196400116mS) ***********
********* Warning: TEXT File Logging selected **********
********* Warning: TEXT Logging to File STARTED on 2/2/2012 11:24:37 **********
1196400117mS PRN: Monitor Started IP=10.64.43.10 IP 500 V2 8.0(16) 00E00705AC6F
(IP Office: Supports Unicode, System Locale is enu) 1196400117mS PRN: LAW=U PRI=1, BRI=0, ALOG=4, ADSL=0 VCOMP=10, MDM=0, WAN=0, MODU=0 LANM=0 CkSRC=0 VMAIL=0(VER:
119640017mS IRM. MAW-0 IRI-1, BR1-0, HB00-4, ASB-0 Vechi-10, HB1-0, WAN-0, HB50-0 HANN-0 CRARC-0 VHAID-0(VERV 1196400170mS ISDNL3Evt: v=5 p1=5,p2=1001,p3=5,p4=0,s1=
1196401903mS PRN: SMXFS: Card is returning all zeros for the OCR register
1196401904mS PRN: SMXFS: This is a SD 2.0 card,0
1196403117mS PRN: +++ START OF ALARM LOG DUMP +++
1196403117mS PRN: ALARM: 16/02/2011 10:15:34 IP 500 V2 6.1(5) <watchdog> CRIT RAISED addr=000000000 d=0 pc=f</watchdog>
1196403117m% PRN: ALARM: 10/04/2011 18:06:56 IP 500 V2 7.0(3) <watchdog> CRIT RAISED addr=000000000 d=0 pc=f</watchdog>
1196403117mS PRN: ALARM: 23/06/2011 03:18:12 IP 500 V2 7.0(53102) <tlb data=""> CRIT RAISED addr=00000294 d=5 😿</tlb>

- Verify that there is an entry for each Biamp Tesira SVC-2 extensions from Section 5.4, and the Status is SIP: Registered on the SIPPhoneStatus page.
- Place calls to and from Biamp Tesira SVC-2 Wireless telephones and verify that the calls are successfully established with two-way talk path.

8. Conclusion

Biamp Tesira SVC-2 was compliance tested with Avaya IP Office R9.0. Compliance testing between Biamp and Avaya IP Office was successful as per the tests outlined in **Section 2**.

9. Additional References

The following Avaya product documentation can be found at <u>http://support.avaya.com</u> [1] *IP Office Manager*, January 2014, Release 9.0, Issue 9.02.0, Document Number 15-601011.

The following document was provided by Biamp [2] Tesira Operation Manual Document

©2014 Avaya Inc. All Rights Reserved.

Avaya and the Avaya Logo are trademarks of Avaya Inc. All trademarks identified by \mathbb{R} and TM are registered trademarks or trademarks, respectively, of Avaya Inc. All other trademarks are the property of their respective owners. The information provided in these Application Notes is subject to change without notice. The configurations, technical data, and recommendations provided in these Application Notes are believed to be accurate and dependable, but are presented without express or implied warranty. Users are responsible for their application of any products specified in these Application Notes.

Please e-mail any questions or comments pertaining to these Application Notes along with the full title name and filename, located in the lower right corner, directly to the Avaya DevConnect Program at devconnect@avaya.com.