

Avaya Solution & Interoperability Test Lab

Application Notes for Avaya Proactive Contact R5.1.1 with Inisoft synTelate 5.1 using Avaya PG230 Digital Switch and Agent Blending – Issue 1.0

Abstract

These Application Notes describe the configuration steps required for Inisoft synTelate 5.1 to interoperate with Avaya Proactive Contact R5.1.1 using Avaya PG230 Digital Switch and Agent Blending. In the compliance testing, Inisoft synTelate used the Agent API from Avaya Proactive Contact and the Telephony Services Application Programmer Interface from Avaya Aura® Application Enablement Services to provide a custom agent desktop for Avaya Proactive Contact agents to handle outbound calls initiated by Avaya Proactive Contact and inbound calls received by Avaya Aura® Communication Manager.

Readers should pay attention to **Section 2**, in particular the scope of testing as outlined in **Section 2.1** as well as the observations noted in **Section 2.2**, to ensure that their own use cases are adequately covered by this scope and results.

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 configuration steps required for Inisoft synTelate to interoperate with Avaya Proactive Contact using Avaya PG230 Digital Switch and agent blending. In the compliance testing, Inisoft synTelate used the Agent API from Avaya Proactive Contact and the Telephony Services Application Programmer Interface (TSAPI) from Avaya Aura® Application Enablement Services (AES) to provide a custom agent desktop for Avaya Proactive Contact agents, to handle outbound calls initiated by Avaya Proactive Contact and inbound calls received by Avaya Aura® Communication Manager.

Inisoft synTelate is a call center scripting application for creating inbound and outbound campaigns, and consists of the Inisoft synTelate Designer and the Inisoft synTelate Agent. Inisoft synTelate Designer is a graphical tool that is used for the definition of the call flow and agent screens. A subset of the Avaya Proactive Contact Agent API is used by synTelate Designer to obtain jobs, call lists, and data fields to facilitate the agent screen customization.

The Avaya Proactive Contact Agent API is used by synTelate Agent to obtain information such as job type, agent state, customer record fields and values from Avaya Proactive Contact to display on the customized agent desktop, and to request customer record update functions initiated from the agent desktop, such as set callback parameters. The Avaya Proactive Contact Agent API is also used to request call control functions for outbound calls delivered by Avaya Proactive Contact.

In the agent blending environment, the inbound calls are delivered to the agents by Avaya Aura® Communication Manager. The TSAPI interface from Avaya Aura® Application Enablement Services is used by synTelate Agent to request call control functions for the inbound calls.

2. General Test Approach and Test Results

The interoperability compliance testing evaluated the ability of synTelate to carry out call handling functions in a variety of scenarios through its TSAPI and Agent API interface with AES and Proactive Contact respectively. The feature test cases were performed automatically. Outbound calls were automatically placed and delivered to synTelate Web Agent by Proactive Contact. Different types of jobs were exercised, along with different actions initiated from synTelate Web Agent, to verify proper generation and handling of supported messages from Proactive Contact. The Proactive Contact Editor was used to start/stop jobs. The verification included checking the display of fields, options, and values on synTelate Web Agent, and the exchanged API events in the agent1_API.trans logfiles.

Interoperability Compliance Testing

The feature testing focused on verifying proper display of the customized synTelate Agent with appropriate options, fields, and values for the following scenarios:

- Outbound, inbound and managed jobs
- Proactive Agent Blending
- Log in, join job, go on/off break, leave job, and logoff
- Hold, retrieve, NVDT call transfer, conference, place manual call, agent drop, customer drop, release line/hang-up, and finish work
- Set callback and update customer fields

2.1. Test Results

All test cases that were executed have successfully passed.

2.2. Support

Technical support on synTelate can be obtained through the following:

- Phone: +1 (603) 383-4999 or +44 (0) 141-552-8800
- Email: support@inisoft.co.uk

3. Reference Configuration

The configuration used for the compliance testing is shown in **Figure 1**. In the compliance testing, synTelate used the Agent API to monitor and control outbound calls for the agents, and used TSAPI to monitor and control the inbound calls to the agents.

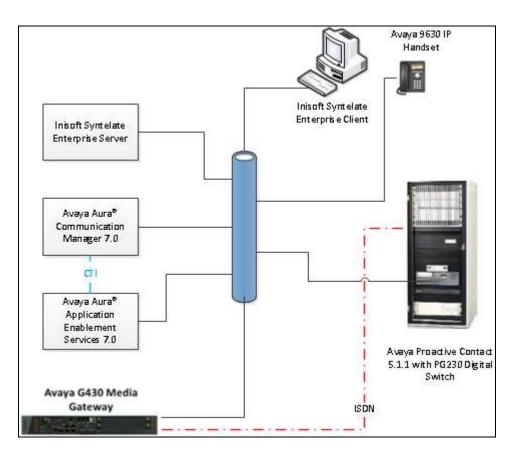


Figure 1: Inisoft synTelate with Avaya Proactive Contact using Avaya PG230 Digital Switch and Proactive Agent Blending

4. Equipment and Software Validated

The following equipment and software were used for the sample configuration provided:

Equipment	Software
VMware virtual machine	Avaya Aura® Communication Manager 7.0.1
	R17x.00.0.441.0-22477
G430 Media Gateway	FW 37.20.0
Avaya S8730 Server	Avaya Proactive Contact 5.1.1 with Patch 392
VMware virtual machine	Avaya Aura® Application Enablement Services
	7.0.0.0.13-0
Inisoft synTelate Enterprise	5.1.0

5. Configure Avaya Aura® Communication Manager

This section provides the procedures for configuring Communication Manager to support the PG230 integration and CTI for Agent Blending. The procedures include the following areas.

- Configure AEServices
- Configure Inbound ACD
- Configure Avaya Proactive Contact Acquire feature
- Configure ACD agent for Proactive Agent Blend
- Configure Feature Access Codes for Call Centre features
- Configure Trunks to Avaya PG230 Digital Switch

5.1. Configure AEServices

Use **change node-names ip** to enter the node-name and IP address for the Application Enablement Server. Take a note of the **CLAN** node **Name** and **IP Address**.

change node-name	es ip		Page	1 of	2
		IP NODE NAMES			
Name	IP Address				
CLAN	10.10.40.31				
CM521	10.10.16.23				
Gateway	10.10.16.1				
IPbuffer	10.10.16.184				
Intuition	10.10.16.51				
MedPro	10.10.16.32				
Presence	10.10.16.83				
RDTT	10.10.16.185				
SESMNGR	10.10.16.44				
SM1	10.10.16.43				
SM61	10.10.16.201				
default	0.0.0.0				
devconaes61	10.10.16.30				

In order for Communication Manager to establish a connection to Application Enablement Services, administer the CTI Link as shown below. Specify an available **Extension** number, set the **Type** as **ADJ-IP**, which denotes that this is a link to an IP connected adjunct, and name the link for easy identification, in this instance, the node-name defined in previous step is used.

add cti-li	nk 1			Page	1	of	3
		CTI	LINK	_			
CTI Link:	1						
Extension:	1111						
Type:	ADJ-IP						
						COR	: 1
Name:	devconaes61						

change ip-s	services				Page 1 of	4
Service Type	Enabled	Local Node	IP SERVICES Local Port	Remote Node	Remote Port	
CDR1 CDR2 AESVCS	У	CLAN CLAN CLAN	0 0 8765	IPbuffer RDTT	9000 9001	

Using the command **change ip-services**, configure IP-Services for the AESVCS serviceas follows:

On **Page 4**, set the **AE Services Server** node name and **Password** the AES Server will use to authenticate with Communication Manager.

AE Services Administration Server ID AE Services Password Enabled Status Server 1: devconaes61 Avayapassword1 y in use	change ip-serv				Page 4 of	4
Server		A	AE Services Administ:	ration		
1: devconaes61 Avayapassword1 y in use	Server ID		Password	Enabled	Status	
	1:	devconaes61	Avayapassword1	У	in use	

5.2. Configure Inbound ACD

For the purposes of agent blending, an inbound Vector and VDN must be configured. This is used for delivering inbound calls to ACD agents independent of Proactive Contact. When a call to this VDN is made and queued to skill 2 configured in its vector, Blended Agents (agents which are assigned both skill 2 and skill 1, as described in **Section 5.3**) will automatically be detached from the outbound job, and handle the inbound call. Once the call is complete and there are no more calls queued for the inbound skill, Proactive Contact will acquire the agent for outbound call handling again. Using the command **add vdn x** where **x** is a valid extension, in this case 8274002, administer the VDN as shown below and assign to it a **Name** for identification purposes, and an unassigned **Vector Number**.

add vdn 8274002			Page	1 of	3
	VECTOR DIRE	CTORY NUMBER			
	Extension:	8274002			
	Name*:	Inbound			
	Destination:	Vector Number	2		
Attenda	nt Vectoring?	n			
Meet-me	Conferencing?	n			
Allow	VDN Override?	n			
	COR:	1			
	TN*:	1			
	Measured:	none			
VDN of Origin Anno	. Extension*:				
	1st Skill*:				
	2nd Skill*:				
	3rd Skill*:				

VDN 8274002 has a destination of **Vector Number** 2. Configure vector 2 to **queue-to** and unassigned skill **2**.

change vector 2		Page	1 of	6
	CALL VECTOR			
Number: 2	Name: Inbound			
Multimedia? n	Attendant Vectoring? n Meet-me Conf? n		Lock?	n
Basic? y	EAS? y G3V4 Enhanced? y ANI/II-Digits? y	ASAI	Routing?	У
Prompting? y	LAI? y G3V4 Adv Route? y CINFO? y BSR? y	Ho	lidays? y	
Variables? y	3.0 Enhanced? y			
01 queue-to	skill 2 pri h			
02 wait-time	60 secs hearing ringback			

Calls routed to VDN 8274002 will route to skill 2administered as a hunt group. Configure the hunt group with an appropriate **Group Extension** as per the dial plan, in this case, **3092**, and a **Group Name** for identification. Set **ACD**, **Queue and Vector** to **y** (**yes**), these parameters define that the group is an ACD group, controlled by a vector with queuing enabled.

add hunt-group 2		Page 1 of 4
	HUNT	NT GROUP
Group Number:	2	ACD? y
Group Name:	Inbound	Queue? y
Group Extension:	3092	Vector? y
Group Type:	ucd-mia	
TN:	1	
COR:	1	MM Early Answer? n
Security Code:		Local Agent Preference? n
ISDN/SIP Caller Display:		
Queue Limit:	unlimited	
Calls Warning Threshold:	Port:	
Time Warning Threshold:	Port:	

On **Page 2**, set **Skill** to **y** (**yes**). This tells the ACD that the calls routed to this group will be handled by agents assigned to this skill.

add hunt-group 2	Page 2 of 4 HUNT GROUP
	NUNI GROUP
Skill ? y AAS? n Measured: none Supervisor Extension: Controlling Adjunct: none	Expected Call Handling Time (sec): 180
Timed ACW Interval (sec): Multiple Call Handling: none	

5.3. Configure Avaya Proactive Contact Acquire feature

In order for Proactive Agent Blending to function, Communication Manager must be configured with a VDN monitored by Proactive Contact. When the agents who belong to the skill to which the Acquire VDN routes are not taking any inbound ACD calls, they are automatically acquired by Proactive Contact to service calls delivered by the outbound job administered in Proactive Contact Editor.

add	vdn	8274000			Page	1 of	3
				CTORY NUMBER		- 01	0
			Extension:	8274000			
			Name*:	Dialer Acquire-Out			
			Destination:	Vector Number	1		
			Attendant Vectoring?	n			
			Meet-me Conferencing?	n			
			Allow VDN Override?	n			
			COR:	1			
			TN*:	1			
			Measured:	none			
		VDN of	Origin Annc. Extension*:				
			1st Skill*:				
			2nd Skill*:				
			3rd Skill*:				

VDN 8274000 has a destination of Vector Number 1.

change vector 1		Page	1 of	6
	CALL VECTOR			
Number: 1	Name: DialerAcquireOut			
Multimedia? n	Attendant Vectoring? n Meet-me Conf? n		Lock?	n
Basic? y	EAS? y G3V4 Enhanced? y ANI/II-Digits? y	ASAI	Routing?	У
Prompting? y	LAI? y G3V4 Adv Route? y CINFO? y BSR? y	Hol	idays? y	
Variables? y	3.0 Enhanced? y			
01 queue-to	skill 1 pri m			
02 wait-time	60 secs hearing ringback			

As shown in vector 1, **skill 1** will be the skill in which the agents required for Proactive Agent Blending will reside. Skill 1 is administered as a hunt group using the command **add huntgroup 1** and specify and identifying **Group Name**, **Group Extension**, and setting **ACD**, **Queue** and **Vector** to **y**.

add hunt-group 1		Pag	je	1 of	4
	HUNT GROUP				
Group Number:	1	ACD?	У		
Group Name:	Dialer Acquire-Out	Queue?	У		
Group Extension:	3091	Vector?	У		
Group Type:	ucd-mia				
TN:	1				
COR:	1	MM Early Answer?	n		
Security Code:	Local	Agent Preference?	n		
ISDN/SIP Caller Display:					
Queue Limit:	unlimited				
Calls Warning Threshold:	Port:				
Time Warning Threshold:	Port:				

On Page 2, set Skill to y

add hunt-group 1		Page 2 of	4
		HUNT GROUP	
Skill? AAS? Measured: Supervisor Extension:	n	Expected Call Handling Time (sec): 180	
Controlling Adjunct:	none		
Timed ACW Interval (sec): Multiple Call Handling:	none		

5.4. Configure ACD agent for Proactive Agent Blend

In order for the ACD agent to be acquired by Proactive Contact once it has completed taking inbound calls using the Proactive Agent Blending feature, it must be in both the inbound skill (2) and the Acquire skill (1). Using the command **add agent-loginID x** where **x** is a valid extension in the dialplan. Administer the **Name**, **Security Code**, and **Password** fields as shown below.

```
add agent-loginID 8271001
                                                            Page
                                                                   1 of
                                                                          3
                                AGENT LOGINID
               Login ID: 8271001
                                                                AAS? n
                   Name: Agent1
                                                              AUDIX? n
                                                      LWC Reception: spe
                     TN: 1
                                         LWC Log External Calls? n
                    COR: 1
                                         AUDIX Name for Messaging:
          Coverage Path:
          Security Code: 6002
                                       LoginID for ISDN/SIP Display? n
                                                           Password: 6002
                                             Password (enter again): 6002
                                                       Auto Answer: station
                                                  MIA Across Skills: system
                                          ACW Agent Considered Idle: system
                                          Aux Work Reason Code Type: system
                                            Logout Reason Code Type: system
                      Maximum time agent in ACW before logout (sec): system
                                           Forced Agent Logout Time:
                                                                     :
              Agent must log in again before changes take effect
    WARNING:
```

On Page 2 configure the agent in both the inbound skill and the acquire skill.

add agent-loginID 82	71001				Page	2 of	3
		AGENT	LOGINID				
Direct Agent S	kill:			Ser	vice Obje	ective?	n
Call Handling Prefer	ence: sk	ill-level		Local C	all Prefe	erence?	n
SN RL SL	SN	RL SL	SN	RL SL	SN	RL SL	
1:1 2	16:		31:		46:		
2:2 1	17:		32:		47:		

5.5. Configure feature access codes for Call Centre features

These will be referenced later in the Proactive Contact Configuration and used by AES to change the state of the agent on Communication Manager during blend operation. Enter the command **change feature-access-codes**, and on **Page 5** configure **Auto-In Access Code**, **Login Access Code** and **Logout Access Code** as per the dialplan.

change feature-access-codes	Page	5 of	10
FEATURE ACCESS CODE (FAC)			
Call Center Features			
AGENT WORK MODES			
After Call Work Access Code: *36			
Assist Access Code: *37			
Auto-In Access Code: *38			
Aux Work Access Code: *39			
Login Access Code: *40			
Logout Access Code: *41			
Manual-in Access Code: *42			

5.6. Configure Trunks to Avaya PG230 Digital Switch

A number of trunks are required for the purpose of communication between PG230 and Communication Manager. One trunk for calls in each of the following categories.

- Agent Headsets (Dialback)
- Outbound
- Inbound
- Transfer

The physical connection is made between PG230 and the MM710 contained within the G430 Media Gateway. Enter the **add ds1 xxxx** command, where **xxxx** is the location of the DS1 circuit pack and configure as follows:

- Name Set to any descriptive string value, in this case, it was CM-
 - PG230
- Bit Rate Set to 2.048
- Line Coding Set to hdb3
- Signaling Mode Set to isdn-pri
- Connect Set to pbx
- Interface Set to peer-master
- Peer Protocol Set to Q-SIG
- Interface Companding Set to alaw
- Idle Code Set to 01010100

add ds1 001v2			Page 1 of 1
		DS1 CIRCUIT PACK	
Location:			CM-PG230
Bit Rate:	2.048	Line Coding:	hdb3
Signaling Mode:			
Connect:	-	Interface:	peer-master
TN-C7 Long Timers?	n	Peer Protocol:	Q-SIG
Interworking Message:	PROGress	Side:	a
Interface Companding:	alaw	CRC?	У
Idle Code:	01010100	Channel Numbering:	timeslot
		DCP/Analog Bearer Capability:	3.1kHz
		T303 Timer(sec):	4
		Disable Restarts?	n
Slip Detection?	У	Near-end CSU Type:	other
-	-		
Echo Cancellation?	n		

Configure a Signaling Group for the previously configured DS1 board 001v2. Enter the **add signaling-group n** command, where **n** is an unused signaling group number. Configure as follows:

- Group Type
- Primary D-Channel
- Trunk Group for Channel Selection

Set to isdn-pri

Enter the DS1 board number followed by 16 Enter the 1_{st} trunk group number that was configured for DS1 board 001v2 in this case that was trunk group **21** Set to **b**

• TSC Supplementary Service Protocol

add signaling-group	10		Page	1 of	1
	SIGNALING	GROUP			
Group Number: 10	Group Type:	isdn-pri			
	Associated Signaling?	У	Max number of	NCA TSC	: 0
	Primary D-Channel:	001 v 216	Max number of	CA TSC	: 0
			Trunk Group for	NCA TSC	:21
Trunk Group for	r Channel Selection: 21	L X-Mok	oility/Wireless T	ype: NO	NE
TSC Supplement	tary Service Protocol:	b	Network Call I	'ransfer	?n

Configure a trunk group used for inbound calls. Enter the **add trunk-group n** command, where **n** is an available trunk group number. Configure as follows:

- Group Type Set to isdn
- Group Name Set to any descriptive string value, in this case, it was QSIG to PG230 Inbound
- TAC Enter a Trunk Access Code that is valid in the provisioned dial plan
- **Dial Access** Set to y
- Service Type Set to tie

```
add trunk-group 23
                                                                    1 of 21
                                                             Page
                               TRUNK GROUP
                                  Group Type: isdn CDR Reports: y
und COR: 1 TN: 1 TAC: 723
Group Number: 23
 Group Name: QSIG to PG230 - Inbound
  Direction: two-way Outgoing Display? n
                                                       Carrier Medium:
PRI/BRI
Dial Access? y
                           Busy Threshold: 255 Night Service:
Queue Length: 0
Service Type: tie
                                   Auth Code? n
                                                          TestCall ITC:
rest
                        Far End Test Line No:
TestCall BCC: 4
```

On Page 2 of the trunk group configuration, configure as follows:

- Supplementary Service Protocol Set to b
- Disconnect Supervision
 - \circ In set to y
 - \circ **Out** set to **y**

```
add trunk-group 23
                                                           Page
                                                                  2 of 21
     Group Type: isdn
TRUNK PARAMETERS
        Codeset to Send Display: 6 Codeset to Send National IEs: 6
       Max Message Size to Send: 260 Charge Advice: none
  Supplementary Service Protocol: b Digit Handling (in/out): enbloc/enbloc
           Trunk Hunt: cyclical
Incoming Calling Number - Delete: Insert: Insert: Duplex: full
                                                Digital Loss Group: 13
 Disconnect Supervision - In? y Out? y
Answer Supervision Timeout: 0
         Administer Timers? n
                                  CONNECT Reliable When Call Leaves ISDN? n
                                 Delay Call Setup When Accessed Via IGAR? N
```

On Page 5, configure GROUP MEMBER ASSIGNMENTS as follows.

- **Port** Enter the DS1 board number followed by the trunk member number. The ports configured on Communication Manager must be mapped to the ports configured on the PG230 Digital Switch
- Sig Grp Enter the number of the signaling group configured for the DS1 board 001v2 in this case it is Signaling Group 10

add t	runk-gro	up 21			Page 5 of 2	1
				TRUNK GROUP		
				Administ	cered Members (min/max): 1/5	
GROUP MEMBER ASSIGNMENTS		Tota	al Administered Members: 5			
	Port	Code	Sfx Name	Night	Sig Grp	
1:	001 v 217	MM710	С		10	
2:	001 v 218	MM710	С		10	
3:	001 v 219	MM710	С		10	
4:	001 v 220	MM710	С		10	
5:	001 v 221	MM710	С		10	

Note: There is different port numbering between PG230 Digital Switch and Communication Manager; therefore ports 18-22 on PG230 Digital Switch correspond to ports 17-21 on Communication Manager.

Repeat the above configuration steps in order to configure remaining trunk groups for Agent Headsets (Dial Back), Outbound and Transfer calls. For each trunk group make sure that the number of ports in GROUP MEMBER ASSIGNMENTS is correctly mapped to the number of ports configured on the PG230. Also, for every trunk group, configure each port with signaling group 10.

Enter **list trunk-group** command, to list all trunk groups that were configured on the Communication Manager. Below is the list of all trunk groups that were configured for the E1 QSIG trunk between Communication Manager and PG230 Digital Switch.

list	trun	k-group										Page	1
				TR	UNK	GROUPS							
Grp							No.				Out		Que
No.	TAC	Group Type	Group	Name			Mem	TN	COR	CDR	Meas	Dsp	Len
21	721	isdn	QSIG t	to PG23	0 -	Headsets	5	1	1	У	none	У	0
22	722	isdn	QSIG t	to PG23	0 -	Outbound	10	1	1	У	none	n	0
23	723	isdn	QSIG t	to PG23	0 -	Inbound	5	1	1	У	none	n	0
24	724	isdn	QSIG t	to PG23	0 -	Transfer	5	1	1	У	none	n	0

6. Configure Avaya Aura® Application Enablement Services Server

This section provide the procedures for configuring Application Enablement Services. The procedures include the following areas:

- Verify TSAPI License
- Administer the Switch Connection
- Administer TSAPI Link
- Disable Security Database
- Resetart TSAPI Service
- Obtain Tlink name
- Administer Avaya Proactive Contact and synTelate user
- Configure Devices

6.1. Verify TSAPI License

To access the maintenance console, enter **https://<ip-addr>** as the URL in an Internet browser, where <ip-addr> is the active IP address of AES. The login screen is displayed, log in with the appropriate credentials and then select the **Login** button.

avaya	Application Enablement Services Management Console			
	Please login here: Username Password Login	Help		
	© Copyright © 2009-2012 Avaya Inc. All Rights Reserved.			

The Application Enablement Services Management Console appears displaying the **Welcome to OAM** screen (not shown). Select **AE Services** and verify that the TSAPI Service is licensed by ensuring that **TSAPI Service** is in the list of services and that the **License Mode** is showing **NORMAL MODE**. If not, contact an Avaya support representative to acquire the proper license for your solution.

AE Services	1			
+ CVLAN	AE Services			
+ DLG			000000000	
+ DMCC	IMPORTANT: AE Services must be restarted for Changes to the Security Database do not requir		take effect.	
+ SMS			1000	(21)
+ TSAPI	Service	Status	State	License Mode
1. H (7. 2) 1	ASAI Unk Manager	N/A	Running	N/A
and a second	There is a set of the date.	ONLINE	Running	NORMAL HOOE
+ TW5	CVLAN Service	1011104.0110		
Communication Manager	DLG Service	OFFLINE	Running	N/A
Communication Manager Interface	Sector Sector		Running Running	N/A NORMAL MODE
Communication Manager	DLG Service	OFFLINE	- William History	

6.2. Create Switch Connection

From the AES Management Console, navigate to **Communication Manager Interface** \rightarrow **Switch Connections** to set up a switch connection. Enter in a name for the Switch Connection to be added and click the **Add Connection** button.

▶ AE Services	
 Communication Manager Interface 	Switch Connections
Switch Connections	CM1627 Add Connection
Dial Plan	Connection Name

In the resulting screen enter the **Switch Password**, the Switch Password must be the same as configured **Section 5.1**. Default values may be accepted for the remaining fields. Click **Apply** to save changes.

▶ AE Services	Connection Details - CM1627		
Switch Connections	Switch Password]
Dial Plan	Confirm Switch Password]
High Availability	Msg Period	30	Minutes (1 - 72)
▶ Licensing	Provide AE Services certificate to switch		
▶ Maintenance	Secure H323 Connection		
▶ Networking	Processor Ethernet	\checkmark	
▹ Security	Apply Cancel		

From the **Switch Connections** screen, select the radio button for the recently added switch connection and select the **Edit CLAN IPs** button (not shown). In the resulting screen, enter the IP address of the procr as shown in **Section 5.10** that will be used for the AES connection and select the **Add Name or IP** button.

6.3. Administer TSAPI link

From the Application Enablement Services Management Console, navigate to AE Services \rightarrow TSAPI \rightarrow TSAPI Links. Select Add Link button as shown in the screen below.

TSAPI Links	
Link	Switch Connection
Add Link	Edit Link Delete Link

On the Add TSAPI Links screen, enter the following values:

- Link: Use the drop-down list to select an unused link number.
- Switch Connection: Choose the switch connection CM63VMPG, configured in Section 6.2 from the drop-down list.
- Switch CTI Link Number: Corresponding CTI link number configured in Section 5.1
- ASAI Link Version: This can be left at the default value
- Security: This can be left at the default value. The value Both was used in this test.

Once completed, select Apply Changes.

▼ AE Services	
> CVLAN	Add TSAPI Links
> DLG	Link 2 V
> DMCC	Switch Connection CM1627
▶ SMS	Switch CTI Link Number 2 💌
▼ TSAPI	ASAI Link Version 7 🗸
TSAPI Links	Security Both
 TSAPI Properties 	Apply Changes Cancel Changes
▶ TWS	

Another screen appears for confirmation of the changes. Choose **Apply**.

Apply Changes to Link
Warning! Are you sure you want to apply the changes? These changes can only take effect when the TSAPI server restarts. Please use the Maintenance -> Service Controller page to restart the TSAPI server.
Apply Cancel

The TSAPI Service must be restarted to effect the changes made in this section. From the Management Console menu, navigate to **Maintenance** \rightarrow **Service Controller**. On the Service Controller screen, tick the **TSAPI Service** and select **Restart Service**.

Communication Manager	Service Controller	
► Licensing	Service	Controller Status
▼ Maintenance	🗖 ASAI Link Manager	Running
Date Time/NTP Server	DMCC Service	Running
Security Database	🗖 CVLAN Service	Running
Service Controller	🗖 DLG Service	Running
Server Data	🗖 Transport Layer Servic	e Running
,	🗹 TSAPI Service	Running
Networking		
▶ Security	For status on actual services, pl	ease use <u>Status and Control</u>
▶ Status	Start Stop Restart	Service Restart AE Server

6.4. Identify Tlinks

Navigate to **Security** \rightarrow **Security Database** \rightarrow **Tlinks**. Verify the value of the **Tlink Name**. This will be needed to configure Presence Suite in **Section 7.1**.

▶ AE Services	
Communication Manager	Tlinks
High Availability	Tlink Name
▶ Licensing	AVAYA#CM1627#CSTA#AES71678
▶ Maintenance	AVAYA#CM1627#CSTA-S#AES71678
Networking	Delete Tlink
▼ Security	
Account Management	
Audit	
Certificate Management	
Enterprise Directory	
Host AA	
▶ PAM	
Security Database	
Control	
CTI Users	
 Devices 	
 Device Groups 	
Tlinks	

6.5. Create Avaya CTI User

A User ID and password needs to be configured for the Inisoft server to communicate as a TSAPI client with the Application Enablement Services server. Navigate to the User Management \rightarrow User Admin screen then choose the Add User option (not shown). In the Add User screen shown below, enter the following values:

- User Id This will be used by the Inisoft Server in Section 7.1.
- Common Name and Surname Descriptive names need to be entered.
- User Password and Confirm Password CT User Select Yes from the drop-down menu.

User Management User Admin	List All Users		
 AE Services Communication Manager Interface 	Edit User		
High Availability	* User Id	syntelate]
▶ Licensing	* Common Name	syntelate]
▶ Maintenance	* Surname	syntelate]
▶ Networking	User Password]
▶ Security	Confirm Password]
▶ Status	Admin Note]
 User Management Service Admin User Admin Add User Change User Password List All Users Modify Default Users Search Users 	Avaya Role Business Category Car License CM Home Css Home CT User Department Number Display Name	None	
▶ Utilities	Employee Number]
▶ Help	Employee Type]

Complete the process by choosing **Apply** at the bottom of the screen (not shown).

The next screen will show a message indicating that the user was created successfully (not shown).

6.6. Enable Unrestricted Access for CTI User

Navigate to the **CTI Users** screen by selecting **Security** \rightarrow **Security Database** \rightarrow **CTI Users** \rightarrow **List All Users** (not shown). Select the user that was created in **Section 6.5** and select the **Edit** option (not shown). The **Edit CTI User** screen appears. Check the **Unrestricted Access** box and click **Apply Changes** at the bottom of the screen.

Security Security Database CT	I Users List All Users		
 AE Services Communication Manager Interface High Availability Licensing 	Edit CTI User User Profile:	User ID Common Name Worktop Name	syntelate syntelate NONE ▼
▶ Maintenance		Unrestricted Access	
 Networking Security 	Call and Device Control:	Call Origination/Termination and Device Status	None 🔻
Account Management Audit	Call and Device Monitoring:	Device Monitoring Calls On A Device Monitoring	None v
Certificate Management Enterprise Directory		Call Monitoring	
 Host AA PAM 	Routing Control: Apply Changes Cancel Changes	Allow Routing on Listed Devices	None 👻
Security Database			

A screen (not shown) appears to confirm applied changes to CTI User, choose **Apply**. This CTI user should now be enabled.

6.7. Configure Devices

In order for Proactive Contact to perform Proactive Agent Blending, AE Services needs to be configured with the devices which are to be monitored. Click on **Security** \rightarrow **Security Database** \rightarrow **Devices** (not shown) next **Add Device** (not shown), enter the VDN extension number you created for the VDN administered in **Section 5.3** in this instance, VDN 8274000. Click on **Add Device** (not shown), the following screen will be displayed. Complete the fields as shown and click **Apply Changes** and click **Confirm** at the subsequent confirmation screen.

Security Security Database Dev	ices	
▶ AE Services		
Communication Manager Interface	Edit Device	
High Availability	Device ID	8274000
▶ Licensing	Location	CM27
▶ Maintenance	Device Type	VDN 👻
▶ Networking	Tlink Group	Any 👻
▼ Security	Apply Char	nges Cancel Changes
Account Management		

Perform the same for the Inbound VDN, in this case, VDN 8274001, as shown.

Security Security Database Dev	vices	
▶ AE Services		
Communication Manager Interface	Edit Device	
High Availability	Device ID	8274001
▶ Licensing	Location	CM27
Maintenance	Device Type	VDN 👻
Networking	Tlink Group	Any 👻
▼ Security	Apply Char	Cancel Changes
Account Management		

7. Configure Avaya Proactive Contact

This section provides the procedures for configuring Proactive Contact. The procedures include the following areas:

- Verify Avaya Proactive Contact Licensing
- Configure CTI
- Configure Avaya Proactive Contact with CTI for Agent Blending
- Configure master.cfg
- Configure number format
- Configure the calling list
- Configure Avaya Proactive Contact Administration Software

7.1. Verify Avaya Proactive Contact Licensing

Access the Web License Manager of the Avaya Proactive Contact, in this instance using the URL <u>https://10.10.16.91:52233/WebLM/</u>. The Web License Manager Screen is displayed; login using the appropriate credentials.

AVAYA	
Web License Manager (Web)	LM v4.7)
Logon	
User Name:	
Password:	
	-

The Web License Manager screen below is displayed. Select Licensed products → Avaya_Proactive_Contact in the left pane, to display the Licensed Features screen in the right pane. Verify that there are sufficient licenses for each of the fields displayed:

AVAYA			_		
			_		
Install License	Avaya_Proactive_Contact - Rele	ase: 5 - SID: 116	18150 (Standard Licens	a File)
Licensed Products Awaya Proactive Contact	You are here: Unersed products > Aveva	Proaction Contact			
Uninstall Ucense Change Password		You are here: Licensed products > Aveys_Provedive_Contact License installed on: 20-May-2011 13:25:58 o'clock EDT			
Server Properties	View Peak Usage				
»Manage Users Logout	Licensed Features				L
	Feature (Keyword)	Expiration Date	Licensed	Acquired	
	Number of PBX Agents using Avaya CT with predictive (VALUE_APC_PREDICTIVECTIAGENTS)	permanent	100	0	
	Number of telephone lines (VALUE_APC_PHONELINES)	permanent	100	0	
	Number of Agents with Predictive Dialing (VALUE_APIC_PREDICTIVE_AGENTS)	permanent	100	0	
	Number of PBX Agents using Avaya CT (VALUE_APC_TOTALCTIAGENTS)	permanent	100	0	
	Number of Supervisor Workstations (VALUE_APC_SUPERVISORS)	permanent	10	0	
	Number of Agents (VALUE_APC_TOTAL_AGENTS)	permanent	100	0	

7.2. Configure CTI

In order to establish the TSAPI link between Proactive Contact and Application Enablement Services Server, the relevant files were edited.From the Proactive Contact Telnet Session create a cti_passwd.cfg file by doing the following:

• type cti_passwd -s (s denotes the CTI Option).

When prompted for the password enter the password assigned to the CTI user configured earlier on the Application Enablement Services Server in **Section 6.5**, and hit return, re-enter as requested.

Navigate to the **/opt/avaya/pds/config/swif_ct.cfg** file and change the parameters as shown follows.

```
SERVER:AVAYA#CM#CSTA-S#DEVCONAES61
LOGIN:syntelate
REASONCODE:1
PHANTOMNUMBERS:1850-1854
WORKMODE:AUTO_IN
AGENTANSWER:NO
PRIORITYCALL:NO
```

Notes: The Tlink and the Proactive Contact CTI username as configured in Section 6

Navigate to the **/opt/avaya/pds/config/** directory. Copy and rename the tslibrc file, by typing **cp tslibrc**. Edit **.tslibrc** with the IP Address of the Application Enablement Services Server, as shown.

```
[Telephony Servers]
; This is a list of the servers offering Telephony Services via TCP/IP.
; Either domain name or IP address may be used; default port number is 450
; The form is: host_name=port_number For example:
;
; tserver.mydomain.com=450
10.10.16.30
;
; This file should be copied to CONFIG directory as .tslibrc.
; See master.cfg for the directory name.
; This entry overrides the [Telephony Servers] section, if any.
```

For Agent Blending, copy the .tslibrc file to the **/opt/avaya/pab/config/** directory by entering the command **cp /opt/avaya/pab/config/.tslibrc /opt/avaya/pab/config/.tslibrc**. Navigate to **/opt/avaya/pds/config –** edit **opmon.cfg** as shown below:

CFGTIME:15 DIALBACK:1-15:15:1:: DIALBACKNUM:ALL

Edit **dgswitch.cfg** as shown below. The format used is based on the location of the ports in the PG230 Digital Switch; therefore Proactive Contact is configured with the same number of Inbound Ports as the number of inbound lines on the PG230 Digital Switch. The inbound ports configured on Proactive Contact correspond to the ports of the inbound trunk group configured on Communication Manager in **Section 5.6**; the same is true for Headset, Outbound and Transfer trunk ports.

```
# Headset Ports
H:1:361:1::#H:15:1:1-1-21-4-2
H:2:362:1::#H:15:1:1-1-21-4-3
H:3:363:1::#H:15:1:1-1-21-4-4
H:4:364:1::#H:15:1:1-1-21-4-5
H:5:365:1::#H:15:1:1-1-21-4-6
# Normal Outbound Trunks
N:1:366:1::#0:10:1:1-1-21-4-7
N:2:367:1::#0:10:1:1-1-21-4-8
N:3:368:1::#0:10:1:1-1-21-4-9
N:4:369:1::#0:10:1:1-1-21-4-10
N:5:370:1::#0:10:1:1-1-21-4-11
N:6:371:1::#0:10:1:1-1-21-4-12
N:7:372:1::#0:10:1:1-1-21-4-13
N:8:373:1::#0:10:1:1-1-21-4-14
N:9:374:1::#0:10:1:1-1-21-4-15
N:10:375:1::#0:10:1:1-1-21-4-16
# Normal Inbound Trunks
N:11:377:1::#I:11:1:1-1-21-4-18
N:12:378:1::#I:11:1:1-1-21-4-19
N:13:379:1::#I:11:1:1-1-21-4-20
N:14:380:1::#I:11:1:1-1-21-4-21
N:15:381:1::#I:11:1:1-1-21-4-22
# Transfer-thru Trunks
T:1:12:1::#T:12:1:1-1-21-4-1
```

Edit only the last 4 lines of **voicemsg.cfg**, this file refers to the announcements recorded on the PG230.

```
250:greeting:1027:Female:Folder4:Voice:Message27
251:inbound:1028:Female:Folder4:Voice:Message28
252:outbound:1029:Female:Folder4:Voice:Message29
253:notLoggedIn:1030:Female:Folder4:Voice:Message30
```

Navigate to the **/opt/avaya/pds/scripts** directory and copy the telephny_sp.spt file to the telephny.spt file using the command **cp telephny_hd.spt telephny.spt**. This file defines Hard Dialer specific parameters.

Navigate to the **/opt/avaya/pds/shell**/ directory and edit the **pdscontrol** file. This script starts the agent binary during pds_stop/start. Normally it is set to **agent -d** which starts the agent binary as a daemon. Make the following change to this line in the script for the purposes of Proactive Agent Blending.

agent -m -d

7.3. Configure Avaya Proactive Contact with CTI for Agent Blending

From the Proactive Contact Telnet Session create a cti_passwd.cfg file by entering the following Type **cti_passwd -b** (b denotes the blend). When prompted for the password enter the password assigned to the CTI user configured earlier in **Section 6.5**.

Navigate to the **/opt/avaya/pab/config/** directory. Copy and rename the **ctirc.cvct** file, by typing **cp ctirc.cvct ctirc1**. Edit **ctirc1** as shown below.

```
**********
# LAST REVISION $Date: 2002/02/20 16:24:55 $
********
# The only configurable line is the 14th line after the comments (third from
# the bottom). There are five fields in this line:
# Field 1: TLINK
# Field 2: Login name for CVCT (run "cti passwd -b" to setup the encrypted
password)
# Field 3: Application Name (PDS)
# Field 4: TS2 - This is the library version that we used. Do no change.
0
                         # CVCT CEP (switch type)
0x11
                         # CEP CHGSVR
0x2015A
                         # Supported Events
                         # Stats and Counts (No MIS for Aspect)
0
0
                         # Appear and Vanish (No LM for Aspect)
0
                         # Agent Available, Login, Logout
0
                         # per-outstanding-move (N/A for Aspect)
0
                         # seconds added to LM (N/A for Aspect)
0
                         # seconds added to LC (N/A for Aspect)
Port SupId SupPass
NotUsed
AVAYA#CM#CSTA-S#DEVCONAES61:pc5hd:PDS:TS2
chqsvr
cep pway
```

Copy and rename the CBA_procs.example file, type **cp CBA_procs.example CBA_procs** and edit **CBA_procs** as shown below:

```
|Max Wait|Max Wait|Max Wait|Max Wait|Kill
#
#
                  | Before | Before | Before | Cfg-
# Process|Startup|Shutdown|Shutdown| Abort | SIGTERM| SIGKILL|Only
#
 Type | Order | Order | Message| Message| Signal | Signal |Mode
# NOTE - Startup Order and Shutdown Order MUST start at the value one(1) and
     increment WITHOUT any sequence gaps
#
PROCESS CONTROL
SOE| 1 | 5 | -1 | -1 | -1 | 25 | 0
USR| 2 | 4 | -1 | -1 | 21 | 24 | 0
CTI 3 3 11 15 24 35 1
ACD| 4 | 2 | 0 | 5 | 10 | 11 | 1
MSC| 5 | 1 | -1 | -1 | -1 | 25 | 0
******
# Process | Host | Path | Binary | Parameters
# Type | Name | | Name |
#______
PROCESS INSTANCE
USR|devconhd|/opt/avaya/pab/bin/|cbauser|1
CTI|devconhd|/opt/avaya/pab/bin/|cti|1
ACD|devconhd|/opt/avaya/pab/bin/|acdmon|1 nocancel min asa 2sec gen rel
MSC|devconhd|/opt/avaya/pab/scripts/|acdsnap_mon|
```

Copy and rename the CBA_cfg.example file, type **cp CBA_cfg.example CBA_cfg** and press Enter. This establishes the Application, PBX and Gateway IDs used by Agent Blending.

Proactive Contact needs to be configured with the inbound VDN to be monitored and the acquire VDN for acquiring agents in order to handle calls from the outbound job. The Proactive Contact name for a VDN is Domain. Configured in **/opt/avaya/pab/config/dom_group.data** – this defines an outbound only Domain Group called NORTH_USA, an IB (inbound) Domain called 8274002, with specific reference to VDN 8274002, and a TEAM (acquire) Domain called 8274000 with specific reference to VDN 8274000. Both of these Domain have a Domain Group ID of NORTH_USA.

```
*VERSION | 1
# Domain Group Record Layout - To Create a new domain group copy the template
    below and replace all field holders with appropriate values.
#
#
   NOTE - All fields that retain their place holder values(TR,TT,etc)
#
          will be assumed to be empty.
  NOTE - Line breaks may happen between any fields but not within a field
#
  NOTE - Do not change lower case field holders
#
#
   WARNING - Remove the "#" comment field indicator to activate the template
#
#
# TEMPLATE
#
 _____
# *DG | DG NM | dg id | RTI | CM | MAAS | SC | DSL | MSL |
  AUT | MAO | TR | TT | ACWT | MQR | afi | rti |
#
 _____
#
                                             _____
_ _
#
# Description of fields within a Domain Group
         _____
#
# *
      - Start Of New Record { MUST be in first column of record}
      - Domain Group Record Key { Always DG}
# DG
# DG NM - Domain Group Name {Descriptive name use by UI to specify a domain}
# dg id - Domain Group ID { FILLED IN BY SYSTEM}
# RTI - Time Interval (hours)
# CM
      - Control Method {ASA-Avg.Spd Answered, SL-Sevice Lvl,OB ONLY-
Outbound}
# MAAS - [Target] Average Speed to Answer (seconds)
# SC
       - Service Criterion (seconds)
# DSL - Desired Service Level (%)
# MSL - Abatement Service Level (%)
# AUT - Traffic Intensity Threshold (%)
# MAO - Minimum # of Agents on Outbound (# agents)
# TR - Initial Traffic Rate (calls/second)
# TT - Minimum Talk Time (seconds)
# ACWT - Minimum After Call Work Time (seconds)
# MQR
       - Minimum Queued for Release (OB ONLY groups)
# afi
       - Acquisitions From Inbound { FILLED IN BY SYSTEM }
# rti - Releases To Inbound { FILLED IN BY SYSTEM }
#
*DG | NORTH_USA | 1 | RTI | OB_ONLY | MAAS | SC |
     DSL | MSL | AUT | MAO | TR | TT |
     ACWT | 0 | afi | rti |
```

```
# Domain Record Layout - To Create a new domain copy the template below
#
   and replace all field holders with appropriate values.
#
   NOTE - All notes/warnings from domain group field still apply.
#
# TEMPLATE
# *DM | DM ADRS | DM EXT | DG NM | dg id | AP ID | PBX ID | GW ID | DM TYP |
#
# Description of fields within a Domain
# ------
# * - Start Of New Record {MUST be in first column of record}
      - Domain Record Keyword {Always DM}
# DM
#
# DM ADRS- Domain Address
# DM EXT - Domain Phone Number
# DG NM - Domain Group Name {Descriptive name use by UI to specify a D.G.}
                Use TRANS if defining a floating transient domain.
#
# dq id - Domain Group ID {FILLED IN BY SYSTEM}
# AP ID - PDS ID
# PBX ID - PBX ID
# GW_ID - Gateway ID
# DM TYP - Domain Type -- one of:
#
                 IB - Inbound,
#
                 TRANS - Transient Acquire,
                 TEAM - Team Acquire,
#
#
                     OV FLOW - Overflow
#
*DM | 8274000 | 8274000 | NORTH_USA | 1 | 1 | 1 |
    1 | TEAM |
*DM | 8274002 | 8274002 | NORTH USA | 1 | 1 | 1 |
    1 | IB |
```

Edit **ACD.cfg** – This file contains the Communication Manager feature access codes for ACD login and logout s noted in Section 5.5 and also specifies the **TESTMODE**, configured as shown below:

TESTMODE:OFF DELAYTIME:5 LOGIN:*40 LOGOUT:*41

Edit **acd_ext.cfg** – This file contains the Communication Manager extension number which Proactive Contact Agents and ACD Agents will be logging in, as show below, extension **8271001** is the extension onto which agents are logged into in this case:

1:8271001

Agent Blending is a feature add-on for Proactive Contact. Ensure that PDS is stopped and as root, enter the command **menu install** which will run a script. When prompted Select option 2. For **Value added products**, and then 2 again for **Install Predictive Agent Blend** and follow the instructions prompted on screen as shown below:

Have you stopped PDS processes: y Following AES servers are configured: 10.10.16.30 Do you want to add another AES server: n CTI password seems to be already set in /opt/avaya/pab/config/cti passwd.cfg Do you wish to change the CTI password? n AES LINK set to AVAYA#CM#CSTA-S#DEVCONAES61 Do you want to change it now?: n AES USER set to pc5hd Do you want to change it now?: n Do you wish to configure Domains now?: n Do you wish to change number of users that can be acquired for outbound calling now?: n Now we'll install ACD extensions Enter **q** to quit When prompted, press any key to continue. Enter 0 to exit, and 0 again

7.4. Configure master.cfg

Amendments to the **master.cfg** file, located in /opt/avaya/pds/etc were made as follows.

```
CALL BLENDING:YES
DBKGROUP:15,1,1
DBSERVERIP:10.10.16.91
IICB HOST: devconhd
INBNDSYS: YES
LINEASSIGN: REG, O=1-10; INB, I=11-15
NAMESERVICEHOST: devconhd
OPERATORS:5
OPLIMIT: I=5, O=5, B=5, P=5, M=5
PORTS:15
PRIMARY: YES
SWITCHNAME: switch1
SWITCHTESTMODE:NO
SWITCHTYPE:DIGITAL
VISUAL CPA:YES
WEBLMURL: http://10.10.16.91,8080/WebLM/LicenseServer:
```

Note: INBNDSYS was set to YES for the purposes of Inisoft testing.

7.5. Configure Number Format

The **phonefmt.cfg** file located in **/opt/avaya/pds/config** contains details of how Proactive Contact needs to manipulate numbers in the calling list in order to successfully place calls. The last line in the file is configured as follows:

STD_TO_DIALFMT:*:ALLTYPES:10:8230003::

In this instance, of the digits dialed, 10 are deleted and the digits 8230003 are inserted.

7.6. Configure Calling List

Proactive Contact is delivered with default calling lists. The author assumes an inbound and outbound calling list is created using Proactive Contact Editor. The administration of calling lists is outside of the scope of this document.

7.7. Configure Avaya Proactive Contact Administration Software

In order for the Proactive Contact Editor application to communicate with the Proactive Contact Server, the PC on which it resides must be configured.

7.7.1. Configure Windows Host File

Edit **%WINDIR%**\system32\drivers\etc\hosts to include the hostname and IP address of the Proactive Contact Server, as follows:

10.10.16.91 devconhd

7.7.2. Check Avaya Proactive Contact Services

Ensure all necessary services are running on the Proactive Contact Server. The following commands start, check and stop the three services. The services must be stopped and started in the order shown. All services must be started before proceeding.

start_db start_mts start_pds check_db check_mts check_pds stop_pds stop_mts stop_db

7.7.3. Configure Avaya Proactive Contact Administration Software

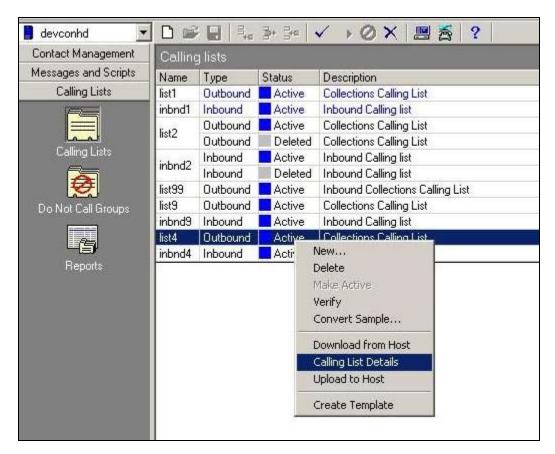
Double click on the Health Manager icon on the desktop. The screen below will be presented; complete it as shown with the Proactive Contact IP address and hostname.

Configurator		
	Primary Dialer, Email Server and the ails.Please re-run the Health Monitor after	
Primary Proactive Cor	ntact Details	-
Name:	devconhd	1
IP Address:	10 . 10 . 16 . 91	1
Use primary server	for email and database	
Email Server Details-		_
Name:	devconhd	
IP Address:	10 . 10 . 16 . 91	1
Database Server Det	ails	
Name:	devconhd	1
IP Address:	10 . 10 . 16 . 91	1
	DK Cancel	

It is now possible to log in to the Health Manager with the **sysadm** login credentials. Close Health Manager and double click on the Editor icon on the desktop. Log in with the **sysadm** login credentials.

7.7.4. Configure Native Voice and Data Transfer Parameters (NVDT)

NVDT is the feature used when transferring caller details from the outbound job to the inbound job. In this instance, an agent logged into the inbound job will receive the account number as well as the voice path. These parameters are configured in the calling list, as shown below. In the left hand pane click Calling Lists \rightarrow Calling Lists right click on list4 and select Calling List Details.



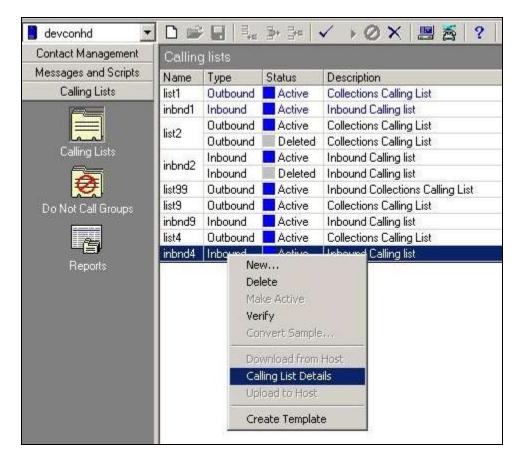
Contact Management	Calling	q lists: Acti	ve list4		Features Calling List Dictionary	
Messages and Scripts	Name	Туре	Status	Description	Name	Details
Calling Lists	list1	Outbound	Active	Collections Calling List	🖃 General	
	inbnd1	Inbound	Active	Inbound Calling list	Number of phone fields	2
	list2	Outbound	Active	Collections Calling List	List is part of Do Not Call group	
المصما	list2	Outbound	Deleted	Collections Calling List	🖃 Post Update	
Calling Lists	inbnd2	Inbound	Active	Inbound Calling list	Number of phones to update	2
	inona2	Inbound	Deleted	Inbound Calling list	Number of call attempts to keep	5
Ø	list99	Outbound	Active	Inbound Collections Calling List	Maintain history of attempts	Keep initia
Do Not Call Groups	list9	Outbound	Active	Collections Calling List	Update record codes	2,3,11,13
	inbnd9	Inbound	Active	Inbound Calling list	🖃 Infinite Job	
	list4	Outbound	Active	Collections Calling List	Key for removing duplicate records	
	inbnd4	Inbound	Active	Inbound Calling list	Key for indexing records	
Reports					Key for indexing Do Not Call processing	
					- E LATELIST	
					Match compcodes	
					E Sort newly downloaded records	
					Key for sorting	
					🖃 Campaign Update	
					🛄 🖂 Update Mode	
					Native Voice and Data Transfer	
					Sales Verification	2

Click to place a tick in the field to enable NVDT (Native Voice and Data Transfer).

Click on the **Calling List Dictionary** tab, and click to place a tick in the **NVDT** column next to **ACCTNUM**, ensure the **LENGTH** field is set to **25** and save (not shown) when completed.

Contact Management	Calling	glists Acti	ve list4		Featurer	aling List Dictionary				
Messages and Scripts	Name	Type	Status	Description	Field	Data Type Length	Description	NVDT	RSM	Lateist
Calling Lists	list1	Outbound	Active	Collections Calling List	ACETNUM		ACC	1		2
(F=)	inbndf	Inbound	Active	Inbound Calling list	BALANCE	Cuttency 20	BALANCE	1	0	
	kit2	Outound	Active	Collections Calling List	TOTALDUE	Duttency 10	TOTAL			
لمما	1912	Outound	Deleted	Collections Calling List	NAMET	Character 25	NAME	0	0	0
Calling Lists	inhn@	Inbound	Active	Inbound Calling list	NAME2	Character 25	I NAME	0	0	
0	range	Inbound	Deleted	Inbound Calling list	aty	Character 25	i City			
10 A	list99	Outbound	Active	Inbound Collections Calling List	STATE	Character 3	State	0	G	10
Do Not Call Groups	ket9	Outound	Active	Collections Calling List	ZIPCODE.	Numeric 5	ZIPCODE.			
	inbrid9	Inbound	Active	Inbound Calling list	PHONE1	Character 12	HOME		0	
100	fist4	Outound	Active	Collections Calling List	PHONE2	Character 12	BUSINESS			
	inbrid4	Inbound	Active	Inbound Calling list	COMMENT1	Character 60	COMMENT		0	0
Reports					AGENT	Chatacter 8	AGENT ID		0	1

The same needs to be performed for the **inbnd4** list. Right click on **inbnd4** and select **Calling List Details**.

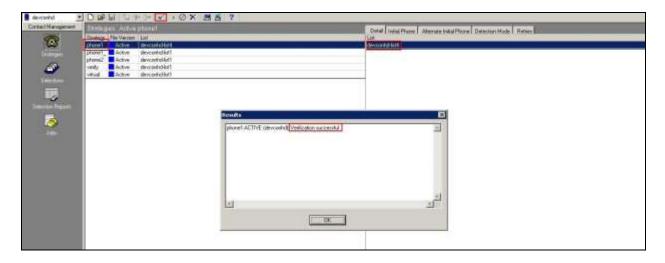


Click to place a tick in the column next to **ACCTNUM**, and ensure the **LENGTH** field is set to **25**. Save when completed (not shown).

Contact Management	Calling	g lists: Acti	ive inbnd4		Calling List Di	ctionary		
Messages and Scripts	Name	Туре	Status	Description	Field		Length Description	NVDT
Calling Lists	list1	Outbound	Active	Collections Calling List	ACCTNUM	Character	25 Account	
	inbnd1	Inbound	Active	Inbound Calling list	AGENT	Character	8 Agent ID	
	list2	Outbound	Active	Collections Calling List	DTE	Date	10 System date	
المصل	listz	Outbound	Deleted	Collections Calling List	TME	Time	8 System time	
Calling Lists	inbnd2	Inbound	Active	Inbound Calling list	CODE	Character	3 System	
Ø	Indhaz	Inbound	Deleted	Inbound Calling list	10			
€	list99	Outbound	Active	Inbound Collections Calling List				
Do Not Call Groups	list9	Outbound	Active	Collections Calling List				
	inbnd9	Inbound	Active	Inbound Calling list				
	list4	Outbound	Active	Collections Calling List				
Reports	inbnd4	Inbound	Active	Inbound Calling list				

7.7.5. Configure Strategy

Assuming that strategy **phone1** and calling list **list4** (as specified in the previous section), are being used, configure editor as shown below and click verify. Ensure verification is successful.

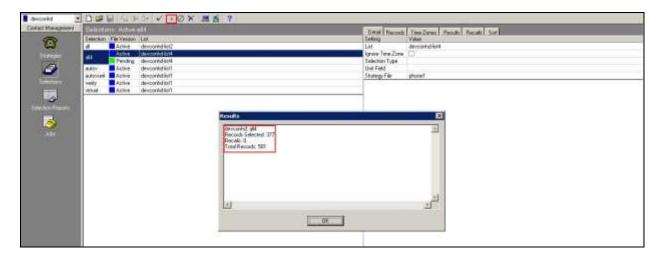


7.7.6. Configure Selections

Click **Selections**, select **all4**, and calling **list4**, click verify ✓ and ensure verification is successful.

wat Weapowed	Selectors Action and	周舌 ?	Second Property	Treatment Frances (Treat) Store
8	Selector: File Version List al Active devocation Active Active devocation Active Peeding devocation Active Active devocation Active Active		Setting Unit Spraw Taxa Zame Selection Type Unit Field	View documente hat
		Show ACTAC (de-carbd) Verication recentify add ACTAC (de-carbd) Verication recentify		
		2		년 1

Click **Run**, and ensure that the **Results** pop-up screen shows some records in the **Records Selected** field.



7.7.7. Configure Outbound Job

Click **Jobs**, select **outbnd2** and configure as shown below:

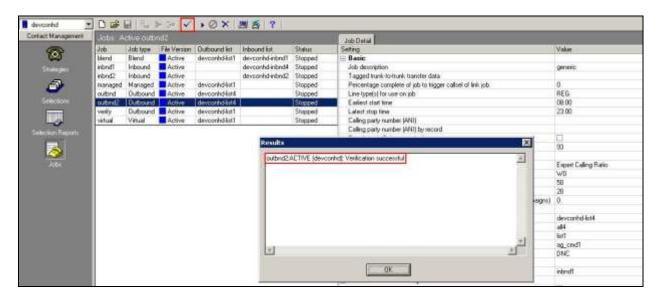
Contact Management	Jobs A		id.				Leten dot	
æ	Job .	Job type	File Version	Outbound kit	Inboardiat	Stetus	Selfing	Value
0	Slend	Blend	Aceve	devconhd-left	devcorhd edind?	Stopped	E Basic	English
Stateper	inkndl	Inbound	Active		devconhd-inbrid4	Stapped	Job description	generic
	intend?	Inbound	Active		devcorhd-intmd2	Stopped	Tagged trunk to-trunk transfer data	Charles .
9	menaged	Managed	Active	devconhd-larit		Stopped	Percentage complete of job to trigger callel of link job	0
	outind	Dutbound		devconhd-lat4		Stopped	Line typebil for use on job	REG
	Subnd2	Dutbound		devoorhd-list&		Skidped	E artiest start true	08:00
	vesty	Dultourid		devoorhd light		Skaped	Latest stop line	23:00
-0	vitaal	Virtual	Active	devectorhid-list1		Stopped	Calling party number (ANI)	
							Caling party number (ANI) by record	
election Paperts							Require unit ID for agent login	O
							Transaction completion code(s)	93
							E Call Pacing	100.00
Jeter							Call Pacing Method	Expert Calling Ratio
							Expert calling units	W0
							Inite/hit site	50
							Meanum hit sate	20
							Cell Phone Campaign Call Program (valid values 1-4, 0 for regular campaigns)	
							E Files	
							Outourd calling list	devoarindiket4
							Record selection life name	484
							Outbound screen(in)	bit!
							Agent keys deletion like name	ag cnuff
							Do Not Call group name	DNC
							Name of next job to link to	
							Name of inbound job to transfer calls to	ribridi
							E Interactive Voice Ensponse	and the second se
							Allow fr/Fi agents on job	0
							IVR dentiler	
							Initial scept to run on the MR	
							Scipt to run on the NR	
Internet forme internet	1						P Job Type	
CalingLists							Transaction verification job	0
the second se							Punjob without agents	10
Agent Kays							Punick with DFCDM	B
Schedule							Start Choose have salver	Eutoner begins to speak
Completion Codes							E Labels	entries orders to those
anpagn Tenplates							Script label to use for making call	mat1_F
Agent Job List	1						Main data processing lebel	generic

Note: Name of inbound job to transfer calls to field is set to inbnd1

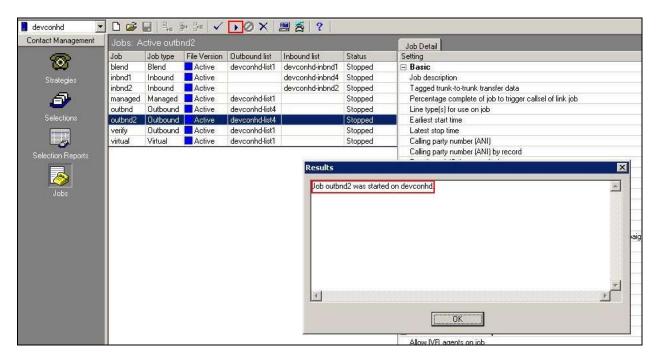
Continued from previous screenshot.

- Labels	
Script label to use for making call	wait1_f
Main data processing label	generic
Script label to use OFCOM	
🗉 Managed Dialing	
Managed (preview) dialing	
Allow agents to cancel call in preview mode	
Time limit (seconds) for preview	10
Display empty record at preview	
Allow dialing from deleted record	
Method for record search at preview (LIS, HASH, NONE)	NONE
Key field for LIS record search	
Outbound Processing	
Shutdown job when no more calls remain	
Make alternate phone lowest priority in selecting next record	
Order calling of records by time zone	
VDN needed by the CTI Dialer only	
Post Processing	
Automatically start Update mode on customer hang-up	
🗉 Quota Settings	
Quota setting (completion code,quota)	
Quota settings file name	
Save quota setting when the job ends	
∃ Recall	
Recall reschedule interval (minutes)	10
Recall notification time (minutes)	2
Number of recall attempts	2
Auto assign recall from Infinite job to agents on another job	
Name of the job to get agent for recall	
E Service Level	
Desired service level (percentage)	
Time to connect tolerance (seconds)	
Ofcom Timer	2
∃ Wait Queues	
Total wait delay (seconds)	90
Number of message to play while on hold awaiting transfer	

Click verify 🖌 and ensure verification completes successfully.



Click run **•** to start the job.



The outbound job is now running, and Proactive Contact will be initiating outbound calls to Proactive Contact Agents, once logged in. In this instance, synTelate Agent is used to log in both the Proactive Contact Agent, and the Communication Manager as an ACD Agent.

7.7.8. Configure Inbound Job

Click **Jobs** in the left pane, select **inbnd4** and set the **inbound calling list** field as configured in **Section 7.7.4**.

devconhd 💌	001	d 5. 3		>0X	36?			
Contact Management	Jobs. Ad		di 🛛	107			Job Denil	
6	100	Job tape -	File Vention	Duboundisz	Indound list	Status	Setting	Value
1	blend	Blend	Active	devoonhd-list1	devconind-inbnd1	Stopped	E Basic	
Skalegers	mbnd1	Inbound	Active	Contraction Contraction	devcontrid-intend4	Stopped	Job description	Inibound Only Job
	rtn@	Inbound	Active		devconhd-inbnd2	Stopped	Line type(a) for use on job	INB
9	managed	Managed	Active	devcored-latT		Stopped	Earliest start live	08.01
The second s	outbrid	Outbound	Active	devoonhd-list4		Stopped	Latest stop time	23.59
Selectors	outbrid2	Outbound	Adive	devoonhd-list4		Running	Transaction completion code(s)	90
(man)	verity	Outbound	Active	devconhd-list1		Stopped	E Files	
-0	vatual	Virtual	Active	devconhd-list1		Stopped	Inbound calling lid	devconhd-inbnd4
Selector: Preparty	1.	111110-00	120210-02	10.1000.000		120/2211	indourid acceer(a)	nandi
							Agent keye definition file name	ag_cnd1
							Name of next job to link to	
<u>a</u>							E Inbound Processing	
1000							Activate inbound lines at logon	
							Service inbound call immediately	0
							Percent of cals in gueue to inbound agents	100
							Maximum time call can spend in wait gueue (seconds)	15
							Adow IVR agents on job	
							MR identifier	
							Initial script to run on the MR	
							Script to run on the MR	
							🗉 Job Type	
							Pool job for IVFI agents	
							Run job without agents	13
							E Labels	
							Scipi label to use for answering call	no_mead
							Main data processing label	genesic
							Script label to use for transferring to wait gueue	wabder_t
							E Post Processing	10000
							Automatically start Update node on customer hang-up	123
							E Service Level	
Resnages and Scripts							Desired service level (percentage)	99.0
ColingLists	1						Time to connect tolerance (seconds)	1
Apent Keye							E Wait Queues	
							Inbound wait queue limit (seconds)	60
Schedule							Number of message to play while on hold awaiting transfer	

Click verify \checkmark and ensure verification completes successfully.

Active inbro	d1				Job Detail
Job type	File Version	Outbound list	Inbound list	Status	Setting
Blend	Active	devconhd-list1	devconhd-inbnd1	Stopped	🖃 Basic
Inbound	Active		devconhd-inbnd4	Stopped	Job description
Inbound	Active		devconhd-inbnd2	Stopped	Line type(s) for use on job
Managed					Earliest start time
and the second sec	A DOTATION OF THE OWNER OF THE OWNER			Stopped	Latest stop time
				Running	Transaction completion code(s)
					□ Files
Virtual	Active	devconhd-list1		Stopped	Inbound calling list
					Inbound screen(s)
			4		
	Blend Inbound Inbound Managed Outbound	Blend Active Inbound Active Inbound Active Managed Active Outbound Active Outbound Active Outbound Active Outbound Active	Blend Active devconhd-list1 Inbound Active Inbound Active Managed Active devconhd-list1 Outbound Active devconhd-list2 Outbound Active devconhd-list4 Outbound Active devconhd-list4 Outbound Active devconhd-list4	Blend Active devconhd-list1 devconhd-inbnd1 Inbound Active devconhd-inbnd4 Inbound Active devconhd-list1 Managed Active devconhd-list1 Outbound Active devconhd-list1 Outbound Active devconhd-list4 Outbound Active devconhd-list4 Outbound Active devconhd-list1 Vitual Active devconhd-list1	Blend Active devconhd-list1 devconhd-inbnd1 Stopped Inbound Active devconhd-inbnd4 Stopped Inbound Active devconhd-inbnd4 Stopped Managed Active devconhd-list1 Stopped Outbound Active devconhd-list4 Stopped Outbound Active devconhd-list4 Running Outbound Active devconhd-list1 Stopped Virtual Active devconhd-list1 Stopped

Solution & Interoperability Test Lab Application Notes ©2016 Avaya Inc. All Rights Reserved. 51 of 70 PC511HDSyntel

Click to start the job.

Job Job type File Version Dutbound list Inbound list Staus Setting blend Blend Active devconhd-list1 devconhd-inbnd1 Stopped Dab description inbnd1 Inbound Active devconhd-list1 devconhd-list1 Job description inbnd2 Inbound Active devconhd-list1 Stopped Line type(s) for use on job managed Managed Active devconhd-list4 Stopped Latest stop time outbnd2 Outbound Active devconhd-list4 Running Transaction completion code(s) verity Outbound Active devconhd-list1 Stopped Files virtual Virtual Active devconhd-list1 Stopped Inbound calling list verity Outbound Active devconhd-list1 Stopped Inbound calling list verity Outbound Active devconhd-list1 Stopped Inbound calling list verity Outbound Active devconhd-list1 Stopped Inbound calling list Inbound Inbound <	Jobs: A	ctive inbro	11				Job Detail
Inbod1 Inbound Active devconhd-inbnd4 Stopped inbnd2 Inbound Active devconhd-inbnd2 Stopped outbnd1 Outbound Active devconhd-ist1 Stopped outbnd2 Outbound Active devconhd-ist4 Stopped outbnd2 Outbound Active devconhd-ist4 Stopped outbnd2 Outbound Active devconhd-ist4 Stopped verity Outbound Active devconhd-ist1 Stopped verity Outbound Active devconhd-ist1 Stopped virtual Virtual Active devconhd-ist1 Stopped	Job	Job type	File Version	Outbound list	Inbound list	Status	Setting
inbnd2 Inbound Active devconhd-inshd2 Stopped Line type(s) for use on job outbnd Active devconhd-list1 Stopped Latest stap time outbnd2 Outbound Active devconhd-list4 Stopped Latest stop time outbnd2 Outbound Active devconhd-list4 Running Transaction completion code(s) verify Outbound Active devconhd-list1 Stopped Files virtual Virtual Active devconhd-list1 Stopped Inbound calling list Virtual Virtual Virtual Active devconhd-list1 </td <td>blend</td> <td>Blend</td> <td>Active</td> <td>devconhd-list1</td> <td></td> <td></td> <td>🖂 Basic</td>	blend	Blend	Active	devconhd-list1			🖂 Basic
managed Active devconhd-list1 Stopped Earliest start time outbnd Outbound Active devconhd-list4 Stopped Latest stop time outbnd2 Outbound Active devconhd-list4 Running Transaction completion code(s) verity Outbound Active devconhd-list1 Stopped Files virtual Virtual Active devconhd-list1 Stopped Inbound calling list linbound screen(s) Inbound screen(s) Inbound screen(s) Inbound screen(s)		Inbound				Stopped	
outbnd Outbound Active devconhd-list4 Stopped Latest stop time outbnd2 Outbound Active devconhd-list4 Running Transaction completion code(s) verify Outbound Active devconhd-list1 Stopped Files vitual Vitual Active devconhd-list1 Stopped Inbound calling list Inbound screen(s) Inbound screen(s) Inbound screen(s) Inbound screen(s)	inbnd2		Carl Service		devconhd-inbnd2	Stopped	
outbnd2 Outbound Active devconhd-list4 Running Transaction completion code(s) verify Outbound Active devconhd-list1 Stopped Files virtual Virtual Active devconhd-list1 Stopped Inbound calling list Inbound Inbound Control Inbound calling list Inbound calling list Inbound Inbound Control Inbound calling list Inbound calling list	managed	Managed	Active	devconhd-list1		Stopped	Earliest start time
verify Outbound Active devconhd-list1 Stopped Files virtual Virtual Active devconhd-list1 Stopped Inbound calling list Inbound screen(s) Inbound screen(s) Inbound screen(s) Inbound screen(s) Iob inbnd1 was started on devconhd. Iob inbnd1 was started on devconhd. Iob inbnd1				devconhd-list4		Stopped	
vitual Vitual Active devconhd-list1 Stopped Inbound calling list Inbound screen(s) Inbound screen(s)			Carl and the second			Running	
Inbound screen(s) Results Job inbnd1 was started on devconhd.							
Results Pob inbnd1 was started on devconhd.	virtual	Virtual	Active	devconhd-list1		Stopped	Inbound calling list
Job inbnd1 was started on devconhd.						0.0365	Inbound screen(s)
					x		ŪK

If the job fails to run as expected, ensure the job file within the **/opt/avaya/pds/job/** directory has the following parameters set.



8. Configure Inisoft synTelate Designer

This section provides the procedures for configuring synTelate Designer. The procedures include the following areas:

- Administer Moagent32.ini
- Launch Designer
- Administer campaigns
- Administer scripts and screens
- Administer CTI

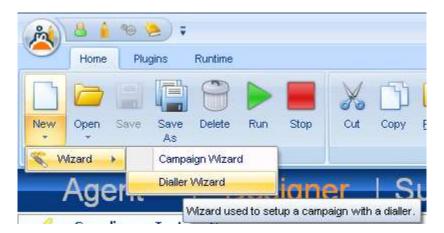
8.1. Administer Moagent32.ini

From the PC running Designer, navigate to the C:\WINDOWS\system32 directory to locate the Moagent32.ini file, amend this file with the Proactive Contact IP address as servername and set UseDIIDbs=0.

```
[logon]
servername = 10.10.16.91
[ConfigSettings]
UseDllDbs=0
```

8.2. Launch Designer

From the PC running Designer, select Start \rightarrow Programs \rightarrow synTelate \rightarrow synTelate Designer to display the Welcome - synTelate screen (not shown). Select the Designer tab (not shown). From the top menu, select the Home tab. Click New and select Wizard \rightarrow Dialler Wizard from the drop-down list to create a new campaign.



8.3. Administer campaigns

On Step 1 of 6 screen configure as follows:

Database *	Name *	
synRun	Compliance_Testing_Campaign	
Password *	Description	

Start Date		
12/05/2011	~	
End Date	Notes	
11/05/2012	×	

Click on the arrow pointing **right above**, the **Avaya PCS Login** screen is displayed. Enter the credentials for the Proactive Contact supervisor and click on the green tick.

in 🔀
sysadm

On Step 2 of 6 screen select the proper values for Call List and Job Name. Retain the default value for Client Status Table, and select the proper Job Type.

Ҟ Campaign Wizard with Avaya Proactive Contac	t 🗖 🗖 🗖
Step 2 of 6 - Choose Data Source Please specify the data source for the campaign	
Call List *	
list2	Job Type
Job Name *	C Inbound
outbnd2: 💌 🚥	Outbound
Client Status Table *	Incoming DDI
outbnd2	
Additional Jobs	

Configure **Step 3 of 6** screen as below:

Ҟ Campaign Wizard with Avaya Proactive Contact	
Step 3 of 6 - Database Behaviour Please specify the desired behaviour of the Client Status Table record in the database when a call is popped	1.
Client Record	
Create New Save To Database Create a new record in the Client Status Table for each PCS call	
C Match Existing On Field	

The **Step 4 of 6** screen is displayed.

Ҟ Campaign Wizard with Avay	a Proactive Contact	
Step 4 of 6 - Dialler Field Map Please specify which fields from the dia	pings ler will be mapped to fields in the Client Status Table.	
Available Fields	Selected Fields	
ACCTNUM BALANCE CITY COMMENT1 FINOPER FRTHDATE1 FRTHTIME1 NAME NAME1 NAME2 PHONE1 PHONE2 STATE SVJCODE TOTALDUE ZIPCODE		
		← → 🛇

Click on the double arrow highlighted below to select all fields	5.
--	----

Ҟ Campaign Wizard with Avaya	Proactive Contact	
Step 4 of 6 - Dialler Field Mappi Please specify which fields from the dialler	ngs [,] will be mapped to fields in the Client Status	Table.
Available Fields	Selec	cted Fields
	BAL CIT CO FIN FRT FRT NAM NAM NAM NAM NAM NAM NAM NAM NAM NAM	MMENT1 OPER HDATE1 HTIME1 4E 4E1 4E2 DNE1 DNE2

The Step 5 of 6 screen is displayed, amend as required.

Field Name	Call List Field	Туре	Length	Decimals	Exists	Modified	Delete	^
ACCTNUM	ACCTNUM	varchar	25	-				
BALANCE	BALANCE	numeric	20	4				=
CITY	CITY	varchar	25	-				
COMMENT1	COMMENT1	varchar	60	-				
FINOPER	FINOPER	varchar	8	-				
FRTHDATE1	FRTHDATE1	datetime	10	-				
FRTHTIME1	FRTHTIME1	datetime	10	-				
NAME	NAME	varchar	20	-				
NAME1	NAME1	varchar	25	-				~

The **Step 6 of 6** screen is displayed shows the summary of the configuration. Click on the door icon highlighted to complete the Campaign Wizard.

Ҟ Campaign Wizard with	Avaya Pro	roactive Contact 📃 🗖 🔀
	5.0	of 6 - Summary sure all details are correct. To alter details, navigate to the respective page.
	Campaign E	Details Data Source Database Behaviour Additional Jobs
	Database	synRun
	Name [Compliance_Testing_Campaign CPGNo 88
	Description	n 🗖
	Notes	<u>×</u>
Ån uttolato"	Start Date	12/05/2011 End Date 11/05/2012
		Open Campaign Desktop
		A Sector A Se

8.4. Administer scripts and screens

For the purposes of this compliance test, it is assumed that scripts and screens have already been created according to requirements. A sample screen is shown below.

		Running - synTolate	. a x
Home			₩ = = ×
Cut Copy	lelete Undo Zaom Di U	dev Dial / Answer / Hangup Hold / Receive Call	
Good Afternoon	Details		
JOHN DOL		pliance Outbound 2 Test	
	AcctNum	\$300292120986830	
	Name	JOHN DOE JOHN DOE	
	Address		
		7401	
	Phone 1	2032323423	
	Phone 2	000000000	
	Comments	Complete Call (21) Set Recall	
OUTBOUND : Home phone	- 2032323423	Ready synTelate Server - Not	Required

8.5. Administer CTI

Select the **Supervisor** tab in synTelate Designer and click on **CTI Config**.

🖄 synTelate	Supervisor			
2	008			
(CTI Config)	License Usage	Lookup Data Editor	News Content Wizard	

Click Add.

ID	Name	Add
		Edit
		Remov

On Edit CTI Config Details screen shown below enter any descriptive string in the Name field and ensure the Pass Through Telephony Server is set to TSAPI based switch. Click OK.

Edit CTI Config Details	
Name Avaya PC5 with PAB	ID: 2
Telephony Server	
Avaya PDS	*
 Auto Login Enabled for undefined Agents 	External Prefix Extension Length 3 Ring Delay
Pass Through Telephony Server TSAPI based switch	
T SALT Dased switch	
	OK Cancel

9. Verification Steps

This section provides the tests that can be performed to verify proper configuration of synTelateagent to interoperate with Proactive Contact. Prior to verification, start an outbound job on Proactive Contact.

9.1. Verify synTelate

From the PC running synTelate Agent, select Start \rightarrow Programs \rightarrow synTelate \rightarrow synTelate Agent. In the Select a CTI Config screen shown below select the CTI configured in Section 8.5

Select a CTI Config	
Please select a Telephony Configuration to use	
PCS 5.0	
PCS 5.0 Blend	=
PCS 5.0	_
PCS 5.1 AutoLogin	
PCS 5.1 Blend	
POM01	
POM03	-
•	•
<u>OK</u> <u>Cancel</u>	

The **Avaya PCS Login** screen is displayed. Enter a valid agent login and password for Proactive Contact, and the agent station/headset number detailed above.

🗖 Avaya PCS L	ogin 📃 🗖 🔀
Server Select Server	Default
User Name Password	agent2
Headset	8270001
ОК	Cancel

The synTelate splash screen is shown:



synTelate opens with welcome screen showing list of available jobs. Verify the active outbound job is displayed. Click **outbnd2** (not shown).

The Dialler Status box is displayed. Verify the values for Status and Job, as shown below.



The **Running - synTelate** screen is displayed. When an outbound call is delivered to the agent, verify that the appropriate data screen is displayed and populated with values retrieved from the customer record, as shown below:

A 4 3 1		Running - synTelate	- e x
Home			₩ - * ×
Out Copy Paste I	Delete Undo Zoom D	after Dial / Answer / Hangup Hold / Ready Redirect May Complete Preview Cit	
Good Afternoon	Details		
JOHN DOE	-	pliance Outbound 2 Test	
JONN DOC	AcctNum	5300292120986830	
	Name	JOHN DOE JOHN DOE	
	Address	7401	
	Phone 1	2032323423	
	Phone 2 Comments	000000000	
		Complete Call (21) Set Recall	
OUTBOUND : Home phone	JI	Ready synTelate Server - No	t Required

9.2. Verify Avaya Aura® Communication Manager

The following steps can ensure that signaling group and trunk groups configured between Communication Manager and PG230 Digital Switch are in-service. From the Communication Manager SAT enter the command **status signaling-group 10** to verify that the signaling group for the 0001v2 DS1 board is **in-service**.

```
      status signaling-group 10

      STATUS SIGNALING GROUP

      Group ID: 10
      Active NCA-TSC Count: 0

      Group Type: isdn-pri
      Active CA-TSC Count: 0

      Signaling Type: facility associated signaling

      Group State: in-service

      Primary D-Channel

      Port: 01A0916
      Level 3 State: in-service

      Secondary D-Channel

      Port:
      Level 3 State: no-link
```

Enter the command status trunk 21 to verify that the headset trunk group 21 is in-service.

status tr	runk 10							
TRUNK GROUP STATUS								
Member	Port	Service State	Mtce Connected Ports Busy					
0021/002 0021/003 0021/004	001v202 001v203 001v204	<pre>in-service/idle in-service/idle in-service/idle in-service/idle</pre>	no no no					
0021/005	001v205	in-service/idle	no					

Repeat the above test for other trunk groups configured on E1 trunk line between Communication Manager and PG230 Digital Switch.

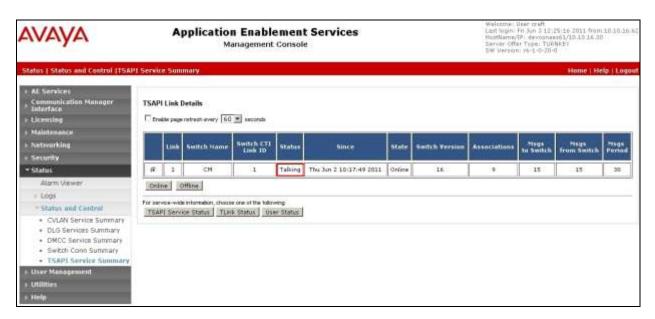
9.3. Verify Avaya Proactive Contact

From Proactive Contact shell, type the command **jobmon** to verify agent is logged into the job outbnd2 and handling a call:

[STANDARD]	Taba (author	Summary	tivity Statistics		[A	LLID]
Agent Activity		10.43.09	Current time: 10.56.11 Line Usage			
- All Logged in: 1 Assigned : 1 On Phone : 1	1 (1		Outbound Lines Demand : Available : Total Lines :	1 9	Avg 1	
Calling Activit						
Outbound Phone Records Selec Phone Calls r Cur/Run Hit F Agent Connect Queue Recalls Phone Calls F	cted: nade: Rate: ts : ;	34 20/5 %				
[Job outbnd2 rea	Job outbnd2 ready for calling]					

9.4. Verify Avaya Aura® Application Enablement Services

On Application Enablement Services, verify the status of the TSAPI link by selecting Status \rightarrow Status and Control \rightarrow TSAPI Service Summary from the left pane. The TSAPI Link Details screen is displayed. Verify the Status is Talking for the TSAPI link administered in Section 6 as shown below.



10. Conclusion

These Application Notes describe the configuration steps required for Inisoft synTelate to successfully interoperate with Avaya Proactive Contact with Avaya PG230 Digital Switch using agent blending. All feature test cases were completed successfully.

11. Additional References

This section references the product documentation relevant to these Application Notes.

- 1. *Administering Avaya Proactive Contact*, Release 5.1.1 April 2015, available at <u>http://support.avaya.com</u>.
- 2. synTelate v5.1 Training Manual 2015 Issue 01.doc available directly from synTelate support.

©2016 Avaya Inc. All Rights Reserved.

Avaya and the Avaya Logo are trademarks of Avaya Inc. All trademarks identified by [®] 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 <u>devconnect@avaya.com</u>.