

Avaya Solution & Interoperability Test Lab

Application Notes for Inisoft Syntelate XA 2.0 with Avaya IP Office 11.0 – Issue 1.0

Abstract

These Application Notes describe the configuration steps required to integrate Inisoft Syntelate XA 2.0 with Avaya IP Office 11.0.

Syntelate XA integrates with IP Office using the Telephony Application Programming Interface (TAPI) to control the Avaya endpoints.

Readers should pay attention to **Section 2**, in particular the scope of testing as outlined in **Section 2.1** as well as any 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 to integrate Inisoft Syntelate XA 2.0 with Avaya IP Office 11.0.

These Application Notes describe the Syntelate connection to IP Office using the Telephony Application Programming Interface (TAPI) to control the Avaya endpoints when answering incoming calls. TAPI3 is used and it also allows Syntelate agent desktop to hold, transfer and conference these calls.

The Syntelate XA solution consists of Syntelate XA Designer and Syntelate XA Studio both of which runs on an IIS web server. There is also a generic Database server and Syntelate XA Desktop. Syntelate XA Designer is a graphical tool used to define the call flow and custom desktop screen.

When Syntelate XA Desktop is launched, to connect to IP Office, configuration is retrieved from Syntelate server. Syntelate XA Desktop is an agent web application that allows inbound and outbound calls to be made using a web browser-based interface

2. General Test Approach and Test Results

The connection to the IP Office was tested by placing incoming calls and allowing the Syntelate XA Desktop to answer and process the calls. All calls are handled by the Syntelate XA desktop. Serviceability testing was carried out to observe the response of the Syntelate XA desktop when various LAN failures were simulated and restart of the Syntelate server.

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.

Avaya recommends our customers implement Avaya solutions using appropriate security and encryption capabilities enabled by our products. The testing referenced in these DevConnect Application Notes included the enablement of supported encryption capabilities in the Avaya products. Readers should consult the appropriate Avaya product documentation for further information regarding security and encryption capabilities supported by those Avaya products.

Support for these security and encryption capabilities in any non-Avaya solution component is the responsibility of each individual vendor. Readers should consult the appropriate vendor-supplied product documentation for more information regarding those products.

For the testing associated with these Application Notes, the interface between Avaya systems and Syntelate XA did not include use of any specific encryption features as requested by Inisoft.

2.1. Interoperability Compliance Testing

Interoperability compliance testing included feature and serviceability testing. The feature testing focused on the following functionality:

- Make/Receive internal phone calls.
- Make/Receive PSTN calls.
- Long duration calls
- Screen pop
- DTMF
- Feature call like Call Pickup, Do Not Disturb and Call Forwarding
- Incoming Hunt Group Calls either from internal or PSTN
- Hold and Resume, Blind or Supervised Transfer/Conference phone calls (incoming calls).
- Serviceability testing by simulating LAN failures.

The serviceability testing also focused on verifying the ability of the Syntelate XA solution to recover from adverse conditions, such as server restart and network disconnects.

2.2. Test Results

All test cases were successfully executed and verified. All applicable test cases passed successfully.

2.3. Support

For technical support on the Syntelate XA, contact Inisoft via phone, email, or internet.

- **Phone:** +44 (0)800 668 1290
- Email: <u>support@inisoft.co.uk</u>
- Web: <u>www.Syntelate.com</u>

Figure 1 shows the network topology during compliance testing. The Syntelate XA server was placed on the Avaya Telephony LAN. The TAPI provides the Syntelate XA desktop CTI capability on IP Office. The Syntelate XA Desktop can control an Avaya H.323 phone via a web browser on the agent's desktop.

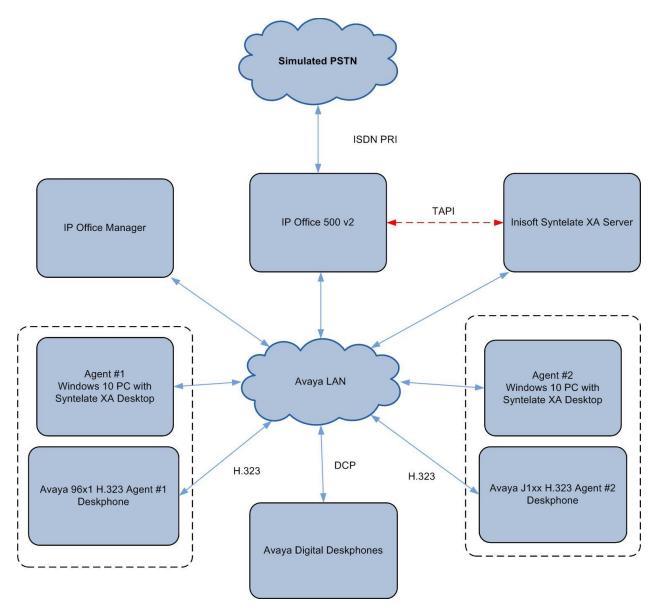


Figure 1: Network solution of Syntelate XA and IP Office

3. Equipment and Software Validated

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

Avaya Equipment / Software	Release / Version
IP Office 500 v2	11.0.4.1.0 build 11
IP Office Manager	11.0.4.1.0 build 11
Avaya 9608 H323 Deskphone	6.8.2
Avaya J179 Series H323 Deskphone	6.8.2
Avaya 1408 Digital Deskphone	R48
Avaya 9508 Digital Deskphone	R60
Inisoft Equipment / Software	Release / Version
Inisoft Syntelate XA running on Microsoft	2.0
Windows 2012 R2 server with	
TAPI3 driver	1.0.0.44
Inisoft Syntelate XA Desktop running on Microsoft Windows 10 Enterprise	2.0

Note: Compliance Testing is applicable when the tested solution is deployed with a standalone IP Office 500 V2 only.

4. Configure Avaya IP Office

The configuration and verification operations illustrated in this section were all performed using IP Office Manager running on Windows 10 PC. The information provided in this section describes the configuration of IP Office for this solution. For all other provisioning information such as initial installation and configuration such as trunks, please refer to the product documentation in **Section 9**.

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

- Launch IP Office Manager
- Verify IP Office license
- Verify IP Office LAN address
- Verify security settings
- Administer system password
- Administer users
- Administer hunt group

4.1. Launch IP Office Manager

On the IP Office Manager PC, click on Start \rightarrow Programs \rightarrow IP Office \rightarrow Manager to launch the Manager application. Log in to the Manager application using the appropriate credentials.

摿 Select IP Office										—		×
Name Release 11.0	IP Addr	Туре	Version	Edition								
SGIP500V2	10.1.30.10	IP 500 V2	11.0.4.1.0 build ⁻	1 IP Office								
				onfiguration Service User IP Office :	r Login SGIP500V2 (IP 500) V2)						
				Service User Name Service User Password	ОК	Cancel	Help					
					0.4	Carlee	. icip					
TCP Discovery Prog												
Unit/Broadcast Add 10.1.30.10	v	Refresh							ОК		Cance	el

M Aurora ID Office Manager SCID5001/2 (11:0.4	1.0 build 11] [Administrator(Administrator CR & User Rights Admin)]	– 🗆 X
	1.0 bulia 11j [Aaministrator(Aaministrator(ICK & Oser Kights Aamin)]	~
File Edit View Tools Help SGIP500V2 - System	- SGIP500V2 - 🕄 🖉 - 🖃 🖪 🔛 🕹 🗸 🥔 🖨 🌠	
IP Offices		<u>a</u> ri - <u>□</u> × < >
	x33iF 500 V2	
 BOOTP (2) Operator (3) SolPSOV2 SolPSOV2 SolPSOV2 Time (8) Control Unit (6) Control Unit (7) Sole (7) Sole (8) Control Unit (7) Control Unit (7	System LAN1 LAN2 DNS Voicemail Telephony Directory Services System Events SMTP Name SGIP500V2 Locale Locale Location Contact Information Set contact information to place System under special control Image: SGIP500V2 Location Set contact information to place System under special control Image: SGIP500V2 Provide Device ID Image: SGIP500V2 Image: SGIP500V2 Provide TFTP Server IP Address 10 · 1 · 10 · 127 Image: SGIP500V2 Provide Phone File Server Type Custom Image: SGIP500V2 Image: SGIP500V2 Image: SGIP500V2 Use Preferred Phone Ports Image: SGIP500V2 Image: SGIP500V2 Image: SGIP500V2 Image: SGIP500V2 Image: SGIP500V2 Use Preferred Phone Ports Image: SGIP500V2 Image: SGIP500V2	United Kingdom (UK English) V n <none> V</none>

The home screen is shown below:

4.2. Verify IP Office License

In the Manager window, go to the Configuration Tree and double-click **License** to open the list of licenses installed in the IP Office system. On the right pane, verify the **CTI Link Pro** license is **Valid**.

IP Offices									
	Licence Mode Licence Normal Licensed Version 11.0 PLDS Host ID 111347985536 PLDS File Status Valid								
Short Code (68)	Feature	Instances	Status	Expiry Date	Source				
⊞∰ Service (1) ⊞	Receptionist	4	Valid	Never	PLDS Nodal				
Incoming Call Route (2)	Additional Voicemail Pro Ports	150	Valid	Never	PLDS Nodal				
WanPort (0)	VMPro Recordings Administrators	1	Valid	Never	PLDS Nodal				
🕀 🚈 Directory (4)	Essential Edition Additional Voice	4	Valid	Never	PLDS Nodal				
Time Profile (0)	VMPro TTS (Generic)	40	Valid	Never	PLDS Nodal				
	Teleworker	384	Valid	Never	PLDS Nodal				
	Mobile Worker	384	Valid	Never	PLDS Nodal				
Licence (33)	Office Worker	384	Valid	Never	PLDS Nodal				
Tunnel (0)	Avaya Softphone Licence	100	Valid	Never	PLDS Nodal				
🗄 📲 User Rights (8)	VMPro TTS (Scansoft)	40	Valid	Never	PLDS Nodal				
	VMPro TTS Professional	40	Valid	Never	PLDS Nodal				
Authorization Code (0)	IPSec Tunnelling	1	Valid	Never	PLDS Nodal				
	Power User	384	Valid	Never	PLDS Nodal				
	Avaya IP endpoints	384	Valid	Never	PLDS Nodal				
	IP500 Voice Networking Channels	32	Valid	Never	PLDS Nodal				
	SIP Trunk Channels	128	Valid	Never	PLDS Nodal				
	IP500 Universal PRI (Additional cha	100	Valid	Never	PLDS Nodal				
	CTI Link Pro	1	Valid	Never	PLDS Nodal				

4.3. Verify IP Office LAN IP Address

In the Manager window, go to the Configuration Tree and double-click **System** and **LAN1** tab on the right pane. Make a note of the **IP Address**, which will be used later to configure TAPI on the Syntelate XA server i.e., 10.1.30.10 in this compliance testing.

Maya IP Office Manager SGIP500V2 [11.0.4.	1.0 build 11] [Administrator(Administrator ICR & User Rights Admin)]	– 🗆 X
File Edit View Tools Help SGIP500V2 - System	• SGIP500V2 • 🕴 😩 🗁 • 🖃 🖪 💽 🖬 📣 👽 🐸 🛹 🌆	
IP Offices	E SGIP500V2	iii - iii × ii < i >
	System LAN1 LAN2 DNS Voicemail Telephony Directory Services System Events SMTP SMDR VCM LAN Settings VolP Network Topology IP IP Address 10 1 30 10 IP Mask 255 255 0 0 0 0 0 RIP Mode None IP IP <t< td=""><td>VolP Contact Center A</td></t<>	VolP Contact Center A
- S. Licence (33) - W Tunnel (0) B - ↓ User Rights (8) B - ★ ARS (1) - ★ ARS (1) - ↓ Authorization Code (0)		

4.4. Verify Security Settings

In the Manager window, click **File** \rightarrow **Advanced** \rightarrow **Security Settings** (not shown) and select the IP Office system to login with the appropriate credentials.

摿 Select IP Office						↔	_		\times
Name Release 11.0	IP Addr	Туре	Version	Edition					
SGIP500V2	10.1.30.10	IP 500 V2	11.0.4.1.0 build						
				Security Service User Log	in SGIP500V2 (IP 500 V2)				
				Service User Name Service User Password					
					OK Cancel Help				
TCP Discovery Prog	ress								
Unit/Broadcast Add 10.1.30.10	v	Refresh				ОК		Cance	el

On the Configuration Tree, go to **Security** \rightarrow **System** and select **Unsecured Interfaces** tab on the right pane. Verify **TAPI/DevLink3** is ticked. Configure the appropriate **System Password** if desired for TAPI integration in **Section 6.1** by selecting the **Change** button below.

File Edit View Help	
2. 🛛 🗁 + 🖃 🔜 🕰 🗸 🗸	
Security Settings	System: SGIP500V2
E – Security – Security e – Services (7) E – Rights Groups (17) E – Service Users (11)	System Details Unsecured Interfaces Centificates System Password Change Voicemail Password Change Monitor Password Change Monitor Password Change Monitor Password Change Use Service User Credentials Application Controls TFTP Server Program Code TAPI/DevLink3 DevLink MTTP Directory Read MTTP Directory Write MTTP Directory Write
	Application Support Application Active Limitations Legacy/Volcemail ✓ Voicemail Lite ✓ Upgrade wizard ✓ TAPI ✓ DevLink ✓ Network Viewer ✓

4.5. Administer Users

In the Manager window, go to the Configuration Tree and double-click **User** to open the list of users on the IP Office system (not shown). Right click in the User list window and select **New** (not shown). In the User window that appears, set **Name** to "ExtnX" where **X** is the number of the agent extension desired, (e.g., 301) and **Extension** to the agent extension number to be used. The remaining fields are default.

					Ext	tn301: 301	1	
User	Voicemail	DND	ShortCodes	Source Numbers	Telephony	Forwarding	Dial In	Voice Recording
Name		Extr	301					
Passwo	rd	•••	•••					
Confirr	n Password	•••	•••					
Unique	Identity							
Audio (Conference							
Confirm	n Audio ence PIN							
Accour	t Status	Ena	bled			~		
Full Na	me	Tim	othy					
Extensi	on	301						
Email A	ddress							
Locale						~		
Priority		5				~		
System	Phone Righ	ts Nor	ne			\sim		
Profile		Basi	ic User			~		
		F	Receptionist					
		E	nable Softpho	ne				

In the **Telephony** tab of the User window, uncheck **Call Waiting On** and click **OK** (not shown). Repeat the steps from beginning of this section for each Syntelate agent extension needed. For the purpose of this compliance testing, another agent extension 302 was created.

×=									Ext	n301	: 301	1				
U	lser	Voice	mail	DND	Short	Codes	Source Numbers Telephony			Forwa	Forwarding Dial In		Voice Recording	Button Programming	Menu	
	Call S	ettings	Sup	ervisor Se	ettings	Multi	-line Options	Call L	.og TUI							
	Outsi	tside Call Sequence					Default Ring \checkmark					Call Waiti	ing On			
	Insid	nside Call Sequence					Default Ring \checkmark			\sim	Answer Call Waiting On Hold					
	Ringl	' ngback Sequence				Default Ring 🗸 🗸			\sim	Busy On Held						
	No A	nswer T	ime (secs)			11			-	✓ (Offhook S	Station			
	Wrap	-up Tim	ie (se	cs)			2			-						
	Trans	fer Retu	rn Tir	ne (secs)			Off			▲ ▼						
	Call (Cost Mark-Up				100										
	Adve	rtise Cal	lee St	tate To In	ternal C	allers	System Default (Off) 🛛 🗸			\sim						

4.6. Administer Hunt Group

In the Manager window, go to the Configuration Tree and double-click **Group** to open the list of hunt groups on IP Office. Right click in the **Group** list window and select **New** (not shown). In the **Group** window tab, enter a desired **Name** and **Extension** available. Select a desired **Ring Mode** and leave the rest as default.

Z					Rotary G	roup	Standa	rd: 38	B*		് -	-
Group	Queuing	Overflow	Fallback	Voicemail	Voice Recording	Anno	uncements	SIP				
Name	Standard						Profile Standard Hunt Group					\sim
Extensio	n		388				Б					
Ring Mo	ing Mode			Rotary ~				nswer Ti	System Default (12)	E	•	
Hold M	usic Source	:	No	Change		~						
Ring Tor	ne Override		Non	None								
Agent's Applies	t's Status on No-Answer es To											
User Lis	st											

Click on the **Queuing** tab, and check the **Queuing On**. Leave the rest as default.

×					Rotary G	Group Standa	rd: 38	8
Group	Queuing	Overflow	Fallback	Voicemail	Voice Recording	Announcements	SIP	
🖂 Qu	euing On							
Queue	E Length	No Limit	•	🗹 Normali	ze Queue Length			
Queue	e Type 🛛	Assign Call	On Agent /	Answer	\sim			
-Calls	In Queue A	larm						
Calls	In Queue T	hreshold	1	*				
Anal	og Extensio	n to Notify	<none></none>	~				

Add the users created in **Section 5.5** to the User List by clicking on the **Edit** button (not shown). On the pop up screen, click on **Append** to add members to the hunt group which will be shown on the right panel.

Rotary H	luntGrou	up 38	38 Standard - Se	lect Mem	bers			
Filters Extn Na	ime	Ext	n Number					
Available (Jsers (28	3/28)		Members	(2/2)			
Name	Extn			Order	Enabled	Name	Extn	
311	311			1		Extn301	301	
312	312			2	\checkmark	Extn302	302	
313	313							
315	315							
316	316							
317	317							
319	319							
Extn301	301							
Extn302	302							
Extn303	303							
Extn304	304							
Extn305	305		4110.4					
Extn314	314		Add Before					
Extn321	321		Add After					
Extn322	322		Append					
Extn323	323							
Extn324	324		Remove					
Extn325	325							
Extn326	326							
Extn327	327							
Extn328	328							
Extn332	332							
Extn333	333							
Extn334	334							
Extn335	335							
Extn336	336							
Extn337	337							
Extn338	338							
			•					
				ОК	Can	cel	Help	

5. Configure Inisoft Syntelate XA

The configuration of the Syntelate XA server consists of installing and configuring IP Office TAPI3 and to configure the Workzone on the Syntelate XA server.

5.1. Installing and Configuring IP Office TAPI3 Service Provider

Avaya provides the IP Office TAPI and DevLink installers for DevConnect members. The latest drivers can be obtained from the DevConnect Program Portal at <u>http://www.devconnectprogram.com/</u> using a web browser and log in using a valid DevConnect member account. Then click **Downloads** \rightarrow **IP Office**TM. Select from the **Choose Interface** \rightarrow **DevLink Pro (Third Party TAPI and Wave Drivers)**. Locate and download the latest drivers which is available from the User CD 4.2.88. Member implementation engineer will then deploy the files onto the Syntelate XA server.

On the Syntelate XA Windows server, go to Control Panel and click on **Phone and Modem** (not shown). Select the **Advanced** tab and double-click **Avaya IP Office TAPI3 Service Provider**. Enter the LAN IP Address from **Section 5.3**. Check **Third Party** and enter the System Password from **Section 5.4**. Check also **WAV Users** and **ACD Queues**.

A Phone and Modem	Avaya TAPI3 configuration
Dialing Rules Modems Advanced Image: Construct of the construction of t	Switch IP Address 10.1.30.10 OK Cancel Single User User Name User Password Third Party Switch Password Ex Directory Users WAV Users WAV Users Advanced settings Ping Timeout (5 to 420 seconds) 5

5.2. Configure Syntelate XA Server

Installation and configuration of the Syntelate XA server is done by member implementation engineer. The following briefly shows how the configuration is done.

Configuration of the Syntelate XA server is carried out by opening a web browser to the Syntelate XA server's IP address. Open a URL to

http://<SyntelateXAServerIP>/XAIPOffice/en-GB/Designer (Note this will be different on each customer site).

C C Inisoft	B/Designer 🔎 - Ĉ 🗖 Syntelate XA	x		
Ц		Í	ш ́	
Desktop Designer Design agent desktops.	Script Designer Design scripts to use in desktops.	Data Entry Designer Design data entry elements to use in desktops or scripts.	Grid Designer Design grids to use in data entry elements.	
	{}	ŝ	<u>R</u>]	
Query Builder Build SQL queries to use as database views.	Action Builder Build actions to call from scripts, data entry elements, and so on.	Timebased Queries Design time based queries to support reports	Workzone Editor Create workzones that users can log in to.	
L.	Γā			
Universe Builder Build universes to separate data.	Diagnostics A diagnostic view of your desktop			

From the main page, click on **Workzone Editor**.

The following Workzones are already configured. In this compliance testing, **Kapture** Workzone is created. Click on the edit icon on the appropriate Workzone to show the configuration details.

nisoft [°]						=
Workzone Editor	+ NEW Filter	by name or universe	Universe	Select Universe 🔻		
Name	Universe	Amended by	Amended at		Locked at	
Agents with Booking Access TEST	BMA	simoneh	2019-10-23 15:56			
Kapture ACCS	BMA	fraserc	2019-10-14 11:01			
Agent Control Centre	Supervisor	paulm	2019-09-19 13:12	paulam	2019-10-17 10:04	
Kapture	BMA	paulam	2019-08-11 10:31			

The information on the connection to IP Office is located in the CTI configuration (JSON) window as shown below. Scroll down through this window to see the relevant information. The following displays the CTI configuration "CtiSource" as **IP Office**.

CTI configuration (JSON)	
{"CtiSource" "IPOffice",	~
"CtiApiUrl": "http://SYNTELATE/XATAPI/",	
"LoginRequired": true,	
"cancelPreviewCode": "~PrvCncl~"}	~
Optionally enter JSON to configure the selected CTI solution.	
CRM configuration (JSON)	
	~
	Ť
Optionally enter JSON to configure XA to work with a separate customer relationship management system	1.
CTI run options (JSON)	
"ExtrLengtn": 3,	~
"ExtnLengthComparison": ">",	
"ExternalPrefix": ""	
"ConsultAsExternalOnly":true}	~

6. Verification Steps

The connection on the Syntelate XA side is verified by using the desktop to make and receive calls.

6.1. Verify the Connection from Syntelate XA Desktop

From the agent PC, open a URL to the Syntelate XA server IP address with the appropriate address. The example below is **http://<ServerIP>/XAIPOffice/en-**

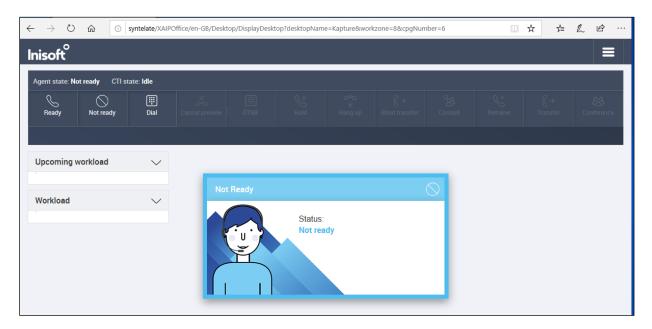
GB/Desktop/SelectWorkzone/. A new window should appear looking for the username and password of the user setup on the domain. Enter the appropriate *Username* and *Password* and click **OK**.

🖹 🖅 🗧 Start	:	× + ~
\leftrightarrow \rightarrow X	<u>ش</u>	10.1.10.124/XAIPOffice/en-GB/Desktop/SelectWorkZone
		Windows Security × Microsoft Edge Connecting to 10.1.10.124. Username Password Password Domain: SGLAB Remember my credentials OK

However, if windows authentication is enabled and using the URL earlier will decide which Workzone to connect base on the windows login. Enter the appropriate extension in IP Office for **Agent ID** as per **Section 5.6**. Click on **LOG IN** to continue.

唱 纪 Syntelate XA X + V		-	-	
\leftrightarrow \rightarrow \circlearrowright \bigcirc 10.1.10.124/XAIPOffice/en-GB/Desktop/DisplayDesktop?desktopName=Kapture&workzone=8&cpgNumber=6	☆	☆≡	h	<i>è</i>
Inisof				≡
Agent state: Logged out CTI state: Logged out	_	_	_	
Upcoming workload 🗸				
Workload V				
Telephony Login				
Agent ID *				
LOG IN CANCEL				

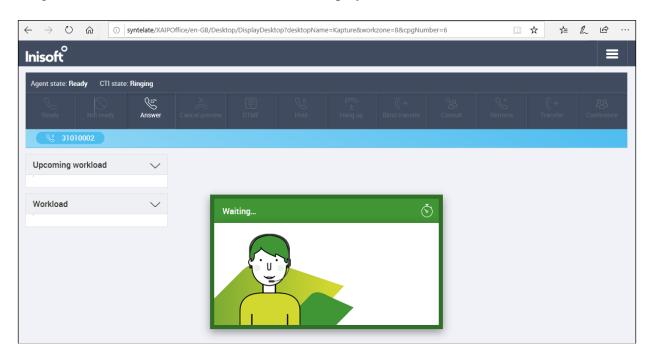
The initial screen shows the Agent state as being Not ready and the CTI state is Idle.



Pressing the **Ready** button on the screen above will place the agent **CTI state** in **Waiting** mode as shown below.

$\leftarrow \rightarrow 0$	ŵ 💿	syntelate/XAIP	Office/en-GB/Desk	top/DisplayDes	ctop?desktopNam	e=Kapture&wor	kzone=8&cpgNun	nber=6	☆	L B	
Inisoft°											
Agent state: Re	eady CTI state:	Waiting									
Ready	Not ready	III Dial									
Upcoming v	vorkload	\sim									
Workload		\sim	v	Vaiting			Ć	5			
					V						

A call is then placed to the Hunt Group from simulated PSTN ISDN PRI and can be answered using the **Answer** button. The caller number is displayed on the left of the blue bar.



Once the call is answered, information on the caller is displayed and the call can be held, Blind Transferred or Consulted (for Supervised Transfer later if desired). Once the call is completed the **COMPLETE CALL** is pressed and the call is hung up.

\leftrightarrow \rightarrow O	ŵ 🛈 sy	ntelate/XAIPOffi	ce/en-GB/Desktop/D	isplayDesktop?des	ktopName=Kaptu	re&workzone=8&	cpgNumber=6		□ ☆	դե	h	r
Inisoft°												
Agent state: Rea	dy CTI state: 1	falking										
Ready	Not ready		UTMF	Hold	(→ Hang up	G→ Blind transfer	ිසි Consult					83 Terence
S 31010	0002											
	aking with Agent	⊗ > k ∨ :2.	Callers Phone Nu 31010002	mber			Phone Number 301	called by Caller				8
How can I he	elp you?		View: Kaptu	ire 🔻								
			Workload ID 36934					COMPLE	TE CALL	AGENT	s voici	MAIL
			NO ID Provided			Ŧ						
		•	Select a reason no	ID was provided								
Upcoming we	orkload	\sim	31010002 Contact Name									
Workload		\sim	Address									
Inbound	d: 36934											

7. Conclusion

These Application Notes describe the configuration steps required to integrate Syntelate XA 2.0 with IP Office 11.0. All feature and serviceability test cases were completed successfully.

8. Additional References

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

Documentation for Avaya products may be obtained via http://support.avaya.com

- [1] Administering Avaya IP OfficeTM Platform with Manager, Release 11.0, February 2019.
- [2] *Deploying IP Office Essential Edition (IP500 V2)*, Document ID 15-601042 Issue 34b, 15th February 2019.
- [3] IP Office TAPI Link Installation, Document ID 15-601034 Issue 12a, 14th January 2013.

Documentation related to Syntelate may directly be obtained from inisoft.

[4] Syntelate XA – User Notes v13-3

[5] Syntelate v4 User Document, 2014

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