Rapport des tests d'interopérabilité des postes :

Alcatel Temporis IP200, IP600, IP800 et Alcatel IP1020

sur plateforme Centrex OpenIP

Summary

1   Aim of the tests

This document lists the tests done to ensure a good interoperability of the Alcatel SIP phones on OpenIP Centrex Platform.

2   Information about the tests

Date of tests: December 2013

Done by: Atlinks Support

SIP accounts used for tests:

Nom du poste	Login	Mot de passe	Numéro
100	100.atlinks	888888	0970710326
101	101.atlinks	5555555	0970710327
102	102.atlinks	xxxxxxx	0970710328

Identifiant Centrex	atlinks_opc
Société	OPENIP / AT LINKS (Alcatel)
Serveur	94.247.160.xxx
Lien d'administration	https://94.247.160.xxx
Login d'administration	atlinks
Mot de passe d'administration	4$A1xxxxxxx
Messagerie	555

Supported Codecs: G729 / G.711 A law / G.711 μ law

SIP phones tested (EUT):

Model	Firmware
Alcatel Temporis IP200/600/800	1x.70.0.142
Alcatel IP1020	1.2.1698

3   Access to services and redundancy (DNS_SRV):

Resolution of domain name: xxx

3.1   DNS SRV (if supported)

test #	Scenario of the test	result ✗/✓	comments
3.1.1	**Take a trace of the DNS requests sent by the EUT when booting up.**		
	A DNS SRV type request is sent on the name « _sip._udp.xxx »	**NA**	IP address for the server
	By default, a DNS SRV type request is sent on the name « xxx »	**NA**	

3.2   DNS A

test #	Scenario of the test	result ✗/✓	comments
3.2.1	**Take a trace of the DNS requests sent by the EUT when booting up.**		
	A DNS A type request is sent on the name « xxx »	**NA**	

3.3   Nat Keep alive

test #	Scenario of the test	result ✗/✓	comments
3.3.1	The Nat Keepalive can be set on the EUT	✓	
3.3.2	The EUT sends correcly the UDP packets to the SIP server with the right timeout to maintain the NAT session open.	✓	
3.3.3	If supported, the server sends correctly SIP requests (Notify or Options) to maintain the NAT session open.	✓	Server sends Options

4 Common calls

4.1 Outgoing calls

test #	Scenario of the test	result ✗/✓		comments
4.1.1	**Outgoing call to PSTN: call to a land line, off-hook, dialog and on-hook on caller side**	**IP800**	**IP1020**	
	Ring back tone is heard	✓	✓	
	Called phone rings	✓	✓	
	Caller-ID is correctly shown	✓	✓	
	Call is connected after off-hook	✓	✓	
	The voice is correctly heard on called side	✓	✓	
	The voice is correctly heard on caller side	✓	✓	
	On-hook on caller side: the call is released on both side	✓	✓	
4.1.2	**Outgoing call to PSTN: call to a land line, off-hook, dialog and on-hook on called side**			
	On-hook on called side: the call is released on both side	✓	✓	
4.1.3	**Outgoing call to PSTN: call to a land line, on-hook before the call in answered**			
	Called phone rings	✓	✓	
	On-hook before the call is answered: called phone stops ringing	✓	✓	
4.1.4	**Outgoing call to VOIP: call to another VOIP line, off-hook, dialog and on-hook on caller side**			
	Ring back tone is heard	✓	✓	
	Called phone rings	✓	✓	
	Caller-ID is correctly shown	✓	✓	
	Call is connected after off-hook	✓	✓	
	The voice is correctly heard on called side	✓	✓	
	The voice is correctly heard on caller side	✓	✓	
	On-hook on caller side: the call is released on both side	✓	✓	
4.1.5	**Outgoing call to VOIP: call to another VOIP line, off-hook, dialog and on-hook on called side**			
	On-hook on called side: the call is released on both side	✓	✓	
4.1.6	**Outgoing call to VOIP: call to another VOIP line, on-hook before the call in answered**			
	Called phone rings	✓	✓	
	On-hook before the call is answered: called phone stops ringing	✓	✓	

4.2 Incoming calls

test #	Scenario of the test	result ✗/✓		comments
4.2.1	**Incoming call from PSTN: call from a land line, off-hook, dialog and on-hook on caller side.**	**IP800**	**IP1020**	
	Ring back tone is heard	✓	✓	
	Called phone rings	✓	✓	
	Caller-ID is correctly shown	✓	✓	
	Call is connected after off-hook	✓	✓	
	The voice is correctly heard on called side	✓	✓	
	The voice is correctly heard on caller side	✓	✓	
	On-hook on caller side: the call is released on both side	✓	✓	
4.2.2	**Incoming call from PSTN: call from a land line, off-hook, dialog and on-hook on called side.**			
	On-hook on called side: the call is released on both side	✓	✓	
4.2.3	**Incoming call from PSTN: call from a land line, on-hook before the call in answered.**			
	Called phone rings	✓	✓	
	On-hook before the call is answered: called phone stops ringing	✓	✓	

4.3 DTMF Codes

test #	Scenario of the test	result ✗/✓		comments
4.3.1	Call to the voice mail and browse through the menus	✓	✓	
4.3.2	Call to an IVR and browse through the menus (ie: *Cité des Sciences* – 01 40 05 8000)	✓	✓	

4.4 Failed calls

test #	Scenario of the test	result ✗/✓		comments
4.4.1	**Call to a busy PSTN line**	**IP800**	**IP1020**	
	From the PSTN line, call another phone. From the EUT call the PSTN line. The busy tone is well heard.	✓	✓	IP1020 no busy tone
4.4.2	**Call to an inconsistent phone number (not compliant to the numbering plan)**			
	From the EUT, call a phone number not compliant with the national numbering plan (ie France: 0712345678). The error tone (busy tone) ion) is well heard.	✓	✓	IP1020 no busy tone
4.4.3	**Call to a non-existing international phone.**			
	From the EUT, call non-existing international phone number (ie : 00 999 999 999). The error tone (busy tone) is well heard.	✓	✓	IP1020 no busy tone

4.5 Codecs management

test #	Scenario of the test	result ✘/✔		comments
4.5.1	**Call with G729.**	**IP800**	**IP1020**	
	The codec G729 defined as highest priority or only codec on the EUT is well used	**NA**	**NA**	PCMU mandatory
4.5.2	**Call with G711**			
	The codec G711 defined as highest priority or only codec on the EUT is well used	**NA**	**NA**	
4.5.3	**Call with G722**			
	The codec G722 defined as highest priority or only codec on the EUT is well used	**NA**	**NA**	
4.5.4	**Secondary Codec**			
	The EUT calls another VOIP terminal not supporting the highest priority on the EUT. The second codec is well negotiated.	**NA**	**NA**	

5 Telephony services

5.1 Call Waiting

test #	Scenario of the test	result ✘/✔		comments
5.1.1	**Make a fist call with the EUT, then make a second call to the EUT and don't answer**	**IP800**	**IP1020**	
	Ring back tone is heard	✔	✔	
	The call waiting tone is heard on the EUT.	✔	✔	
	Don't answer: the call is forwarded to the voice mail box.	✘	✘	
5.1.2	**Make a fist call with the EUT, then make a second call to the EUT and cancel the first call**			
	After has canceled the first call the EUT rings	✔	✔	
	Off-hook: the second call is connected.	✔	✔	
5.1.3	**Make a fist call with the EUT, then make a second call to the EUT. Put the 1st call on hold and answer the 2nd call.**			
	Once the call waiting tone is heard, answer the 2nd call. The second call is connected	✔	✔	
	The 1st call is on hold	✔	✔	
	Press swap key to swap over the calls (on hold / active).	✔	✔	

5.2 Blind Transfer

5.2.1 Transfer of incoming call to outgoing call

Test #	Scenario of the test	result ✗/✓		comments
5.2.1.1	**Transfer an IP call to a PSTN phone: call the EUT from another VoIP phone. From the EUT call a PSTN phone.**	IP800	IP1020	
	From a 1st VoIP phone, call the EUT. From the EUT, answer the call and put it on hold. 1st phone is on hold.	✓	✓	
	Make a blind transfer to a PSTN line. The call is well transferred.	✓	✓	
	The voice is correctly heard on called side	✓	✓	
	The voice is correctly heard on caller side	✓	✓	
5.2.1.2	**Transfer an IP call to an IP phone: call the EUT from another VoIP phone. From the EUT call a 3rd IP phone.**			
	From a 1st VoIP phone, call the EUT. From the EUT, answer the call and put it on hold. 1st phone is on hold.	✓	✓	
	Make a blind transfer to a 3rd IP phone. The call is well transferred.	✓	✓	
	The voice is correctly heard on called side	✓	✓	
	The voice is correctly heard on caller side	✓	✓	
5.2.1.3	**Transfer a PSTN call to another PSTN phone: call the EUT from a PSTN phone. From the EUT call another PSTN phone.**			
	From a 1st PSTN phone, call the EUT. From the EUT, answer the call and put it on hold. 1st phone is on hold.	✓	✓	
	Make a blind transfer to a PSTN line. The call is well transferred.	✓	✓	
	The voice is correctly heard on called side	✓	✓	
	The voice is correctly heard on caller side	✓	✓	
5.2.1.4	**Transfer a PSTN call to a VoIP phone: call the EUT from a PSTN phone. From the EUT call a VoIP phone.**			
	From a 1st PSTN phone, call the EUT. From the EUT, answer the call and put it on hold. 1st phone is on hold.	✓	✓	
	Make a blind transfer to a VoIP line. The call is well transferred.	✓	✓	
	The voice is correctly heard on called side	✓	✓	
	The voice is correctly heard on caller side	✓	✓	

5.2.2 Transfer of outgoing call to outgoing call

Test #	Scenario of the test	result ✗/✓		comments
5.2.2.1	**Transfer an IP call to a PSTN phone: from the EUT call another VoIP phone. From the EUT call a PSTN phone.**	IP800	IP1020	
	From the EUT call another VoIP phone and answer the call. From the EUT, put the call on hold. VoIP phone is on hold.	✓	✓	
	From the EUT make a blind transfer to the PSTN phone. The call is well transferred.	✓	✓	
	The voice is correctly heard on called side	✓	✓	
	The voice is correctly heard on caller side	✓	✓	
5.2.2.2	**Transfer a PSTN call to a PSTN phone: from the EUT call A PSTN phone. From the EUT call another PSTN phone.**			
	From the EUT call a PSTN phone and answer the call. From the EUT, put the call on hold. PSTN phone is on hold.	✓	✓	
	From the EUT make a blind transfer to the 2nd PSTN phone. The call is well transferred.	✓	✓	

	The voice is correctly heard on called side	✔	✔
	The voice is correctly heard on caller side	✔	✔
5.2.2.3	**Transfer an IP call to another IP phone: from the EUT call a VoIP phone. From the EUT call another IP phone.**		
	From the EUT call an IP phone and answer the call. From the EUT, put the call on hold. 1st IP phone is on hold.	✔	✔
	From the EUT make a blind transfer to the 2nd IP phone. The call is well transferred.	✔	✔
	The voice is correctly heard on called side	✔	✔
	The voice is correctly heard on caller side	✔	✔

5.3 Attended Transfer

5.3.1 Transfer of incoming call to outgoing call

Test #	Scenario of the test	result ✗/✔		comments
5.3.1.1	**Transfer an IP call to a PSTN phone: from an IP phone call the EUT. From the EUT call a PSTN phone.**	IP800	IP1020	
	From a 1st VoIP phone, call the EUT. From the EUT, answer the call and put it on hold. 1st phone is on hold.	✔	✔	
	From the EUT, call a PSTN phone. Call is correctly established.	✔	✔	
	Transfer the call. Call is well transferred.	✔	✔	
	The voice is correctly heard on called side	✔	✔	
	The voice is correctly heard on caller side	✔	✔	
5.3.1.2	**Transfer an IP call to another IP phone: from an IP phone call the EUT. From the EUT call an IP phone.**			
	From a 1st VoIP phone, call the EUT. From the EUT, answer the call and put it on hold. 1st phone is on hold.	✔	✔	
	From the EUT, call another IP phone. Call is correctly established.	✔	✔	
	Transfer the call. Call is well transferred.	✔	✔	
	The voice is correctly heard on called side	✔	✔	
	The voice is correctly heard on caller side	✔	✔	
5.3.1.3	**Transfer a PSTN call to a PSTN phone: from a PSTN phone call the EUT. From the EUT call another PSTN phone.**			
	From a 1st PSTN phone, call the EUT. From the EUT, answer the call and put it on hold. 1st phone is on hold.	✔	✔	
	From the EUT, call another PSTN phone. Call is correctly established.	✔	✔	
	Transfer the call. Call is well transferred.	✔	✔	
	The voice is correctly heard on called side	✔	✔	
	The voice is correctly heard on caller side	✔	✔	
5.3.1.4	**Transfer a PSTN call to an IP phone: from a PSTN phone call the EUT. From the EUT call another IP phone.**			
	From a PSTN phone, call the EUT. From the EUT, answer the call and put it on hold. PSTN phone is on hold.	✔	✔	
	From the EUT, call another IP phone. Call is correctly established.	✔	✔	
	Transfer the call. Call is well transferred.	✔	✔	
	The voice is correctly heard on called side	✔	✔	
	The voice is correctly heard on caller side	✔	✔	

5.3.2 Transfer of outgoing call to outgoing call

Test #	Scenario of the test	result ✗/✓		comments
5.3.2.1	**Transfer an outgoing IP call to a PSTN phone: from the EUT call a 2nd IP phone. From the EUT call a PSTN phone.**	IP800	IP1020	
	From the EUT call a 2nd IP phone. From the EUT, put the call on hold. 2nd IP phone is on hold.	✓	✓	
	From the EUT, call a PSTN phone. Call is correctly established.	✓	✓	
	Transfer the call. Call is well transferred.	✓	✓	
	The voice is correctly heard on called side	✓	✓	
	The voice is correctly heard on caller side	✓	✓	
5.3.2.2	**Transfer an outgoing PSTN call to another PSTN phone: from the EUT call a PSTN phone. From the EUT call another PSTN phone.**			
	Appeler depuis un poste IP, un 1er poste RTC. Depuis le poste IP, mettre l'appel en attente. Le 1er poste RTC est bien mis en attente.	✓	✓	
	Depuis le poste IP, appeler un 2ème poste RTC. L'appel est bien établi.	✓	✓	
	Transfer the call. Call is well transferred.	✓	✓	
	The voice is correctly heard on called side	✓	✓	
	The voice is correctly heard on caller side	✓	✓	
5.3.2.3	**Transfer an outgoing IP call to another IP phone: from the EUT call an IP phone From the EUT call another IP phone.**			
	From the EUT call a 1st VoIP phone. From the 1st VoIP phone, answer the call and from the EUT put it on hold. 1st phone is on hold.	✓	✓	
	From the EUT, call a 2nd IP phone. Call is correctly established.	✓	✓	
	Transfer the call. Call is well transferred.	✓	✓	
	The voice is correctly heard on called side	✓	✓	
	The voice is correctly heard on caller side	✓	✓	

3-way conference and network conferences

Test #	Scenario of the test	result ✗/✓		comments
5.4.1	**From the EUT call an IP phone. From the EUT call a PSTN phone and establish a 3-way conference.**	IP800	IP1020	
	From the EUT call another IP phone. From the EUT put on hold and make a 2nd call to a PSTN phone. The 2nd IP phone is on hold and the call with the PSTN phone is well established.	✓	✓	
	Start the conference. 3-way conference is established.	✓	✓	
	EUT can hear the 2 other phones	✓	✓	
	The 2 other phones can hear the EUT	✓	✓	
	The 2 other phones can hear each other	✓	✓	
5.4.2	**From the EUT call an IP phone. From the EUT call another IP phone and establish a 3-way conference.**			
	From the EUT call another IP phone. From the EUT put on hold and make a 2nd call to a PSTN phone. The 2nd IP phone is on hold and the call with the PSTN phone is well established.	✓	✓	
	Start the conference. 3-way conference is established.	✓	✓	
	EUT can hear the 2 other phones	✓	✓	
	The 2 other phones can hear the EUT	✓	✓	
	The 2 other phones can hear each other	✓	✓	

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5.4.3	**From the EUT call a PSTN phone. From the EUT call another PSTN phone and establish a 3-way conference.**			
	From the EUT call a PSTN phone. From the EUT put on hold and make a 2nd call to aother PSTN phone. The 1st PSTN phone is on hold and the call with the 2nd PSTN phone is well established.	✓	✓	
	Start the conference. 3-way conference is established.	✓	✓	
	EUT can hear the 2 other phones	✓	✓	
	The 2 other phones can hear the EUT	✓	✓	
	The 2 other phones can hear each other	✓	✓	

5.4 **Show / hide caller ID**

Test #	Scenario of the test	result ✘/✓		comments
		IP800	**IP1020**	
5.5.1	**Show the caller ID, call to a PSTN phone**			
	From the EUT, call a PSTN phone with the caller ID presentation function. The caller ID is well shown on the PSTN phone screen.	✓	✓	
5.5.2	**Show the caller ID, call to an IP phone.**			
	From the EUT, call an IP phone. The caller ID is well shown on the IP phone screen.	✓	✓	
5.5.3	**Hide the caller ID, call to a PSTN phone**			
	From the EUT activate anonymous call and call a PSTN phone with the caller ID presentation function. The caller ID is hidden on the PSTN phone screen.	✘	✘	From is replaced by the server thus Caller ID is shown anyway
5.5.4	**Hide the caller ID, call to an IP phone.**			
	From the EUT activate anonymous call and call an IP phone. The caller ID is hidden or "Anonymous' is shown on the IP phone screen.	✘	✘	From is replaced by the server thus Caller ID is shown anyway

5.5 **Put on hold**

Test #	Scenario of the test	result ✘/✓		comments
		IP800	**IP1020**	
5.6.1	**Put a PSTN phone on hold**			
	From a PSTN phone, call the EUT. From the EUT put on hold. Music on hold is played on PSTN phone.	✓	✓	
	When un-hold bidirectional audio is reestablished.	✓	✓	
5.6.2	**Put an IP phone on hold**			
	From an IP phone call the EUT. From the EUT put on hold. Music on hold or beep tone is played on IP phone.	✓	✓	
	When un-hold bidirectional audio is reestablished.	✓	✓	

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5.6 Call forwards

5.6.1 Unconditional Call forward

Test #	Scenario of the test	result ✗/✓		comments
5.7.1.1	**Unconditional call forward of a PSTN call to another PSTN phone.**	IP800	IP1020	
	On the EUT, setup an unconditional call forward to a PSTN phone. From another PSTN phone call the EUT. The call is well forwarded.	✓	✓	
	Call is well established between caller and target	✓	✓	
5.7.1.2	**Unconditional call forward of an IP call to a PSTN phone.**			
	Keep the same call forwarding as above. From another IP phone call the EUT. The call is well forwarded.	✓	✓	
	Call is well established between caller and target	✓	✓	
5.7.1.3	**Unconditional call forward of a PSTN call to another IP phone.**			
	On the EUT, setup an unconditional call forward to an IP phone. From a PSTN phone call the EUT. The call is well forwarded.	✓	✓	
	Call is well established between caller and target	✓	✓	
5.7.1.4	**Unconditional call forward of an IP call to another IP phone.**			
	Keep the same call forwarding as above. From another IP phone call the EUT. The call is well forwarded.	✓	✓	
	Call is well established between caller and target	✓	✓	

5.6.2 Call forward on No Answer

Test #	Scenario of the test	result ✗/✓		comments
5.7.2.1	**Call forward on No Answer of a PSTN call to another PSTN phone.**			
	On the EUT, setup a call forward on no answer (ie 10sec) to a PSTN phone. From another PSTN phone call the EUT. EUT stops ringing after 10 sec.	✓	✓	
	The target PSTN phone rings.	✓	✓	
	Call is well established between caller and target	✓	✓	
5.7.2.2	**Call forward on No Answer of an IP call to a PSTN phone.**			
	Keep the same call forwarding as above. From another IP phone call the EUT. EUT stops ringing after 10 sec.	✓	✓	
	The target PSTN phone rings.	✓	✓	
	Call is well established between caller and target	✓	✓	
5.7.2.3	**Call forward on No Answer of a PSTN call to another IP phone.**			
	On the EUT, setup a call forward on no answer (ie 10sec) to another IP phone. From a PSTN phone call the EUT. EUT stops ringing after 10 sec.	✓	✓	
	The 2nd IP phone rings.	✓	✓	
	Call is well established between caller and target	✓	✓	
5.7.2.4	**Call forward on No Answer of an IP call to another IP phone.**			
	Keep the same call forwarding as above. From another IP phone call the EUT. EUT stops ringing after 10 sec.	✓	✓	
	The 2nd IP phone rings.	✓	✓	
	Call is well established between caller and target	✓	✓	

5.6.3 Call forward on Busy

Test #	Scenario of the test	result ✗/✓		comments
5.7.3.1	**Call forward on Busy of a PSTN call to another PSTN phone.**			
	On the EUT, setup a call forward on busy to a PSTN phone. Manage to have the EUT busy (reach the max authorized calls). From another PSTN phone call the EUT. The target PSTN phone rings immediately.	✓	NA	Not available on IP1020
	Call is well established between caller and target	✓	NA	
5.7.3.2	**Call forward on Busy of an IP call to a PSTN phone.**			
	Keep the same call forwarding as above. Manage to have the EUT busy (reach the max authorized calls). From another IP phone call the EUT. The target PSTN phone rings immediately.	✓	NA	
	Call is well established between caller and target	✓	NA	
5.7.3.3	**Call forward on Busy of a PSTN call to another IP phone.**			
	On the EUT, setup a call forward on busy to an IP phone. Manage to have the EUT busy (reach the max authorized calls). From a PSTN phone call the EUT. The target IP phone rings immediately.	✓	NA	
	Call is well established between caller and target	✓	NA	
5.7.3.4	**Call forward on Busy of an IP call to another IP phone.**			
	Keep the same call forwarding as above. Manage to have the EUT busy (reach the max authorized calls). From another IP phone call the EUT. The target IP phone rings immediately.	✓	NA	
	Call is well established between caller and target	✓	NA	

6   Advanced Centrex functionalities

In the following tests, the EUT is monitoring another IP phone (monitored phone).

Poste 1 : poste IP qui supervise poste 2. Poste 2 : poste IP sans supervision
Poste 3 : poste PSTN et/ou Mobile Poste 4 : poste IP sans supervision
Poste 5 : poste IP sans supervision

6.1 Busy Lamp Field (Line monitoring)

Test #	Scenario of the test	result ✗/✓		comments
		IP800	IP1020	
6.1.1	**Call from EUT to monitored phone. Ringing then off hook**			
	BLF key on EUT blinks Red color when monitored phone is ringing	✓	NA	BLF not available on IP1020
	BLF key on EUT is steady Red during conversation	✓	NA	
	BLF key on EUT is steady Green after the call has ended	✓	NA	
6.1.2	**Call from monitored phone to EUT. Ringing then off hook**			
	BLF key on EUT steady Red when EUT is ringing	✓	NA	
	BLF key on EUT is steady Red during conversation	✓	NA	
	BLF key on EUT is steady Green after the call has ended	✓	NA	
6.1.3	**Call from monitored phone to PSTN phone. Ringing then off hook**			
	BLF key on EUT steady Red when PSTN phone is ringing	✓	NA	
	BLF key on EUT is steady Red during conversation	✓	NA	
	BLF key on EUT is steady Green after the call has ended	✓	NA	
6.1.4	**Call from monitored phone to IP phone. Ringing then off hook**			

	BLF key on EUT steady Red when IP phone is ringing	✓	**NA**	
	BLF key on EUT is steady Red during conversation	✓	**NA**	
	BLF key on EUT is steady Green after the call has ended	✓	**NA**	
6.1.5	**Call from a PSTN phone to monitored phone. Ringing then off hook**			
	BLF key on EUT blinks Red color when monitored phone is ringing	✓	**NA**	
	BLF key on EUT is steady Red during conversation	✓	**NA**	
	BLF key on EUT is steady Green after the call has ended	✓	**NA**	
6.1.6	**Call from another IP phone to monitored phone. Ringing then off hook**			
	BLF key on EUT blinks Red color when monitored phone is ringing	✓	**NA**	
	BLF key on EUT is steady Red during conversation	✓	**NA**	
	BLF key on EUT is steady Green after the call has ended	✓	**NA**	

6.2 Call Pick-Up

6.2.1 Pick-up without transfer

Test #	Scenario of the test	result ✗/✓		comments
6.2.1.1	**Call from another IP phone to monitored phone. Ringing, EUT picks-up then releases the call.**	**IP800**	**IP1020**	
	BLF key on EUT blinks Red color when monitored phone is ringing	✓	**NA**	
	BLF key on EUT is steady Green after the call has the EUT has picked-up the call	✓	**NA**	
	Call is well established between caller and EUT	✓	**NA**	
	Call is released on both side	✓	**NA**	
6.2.1.2	**Call from another IP phone to monitored phone. Ringing, EUT picks-up then the caller releases the call.**			
	Call is well established between caller and EUT	✓	**NA**	
	Call is released on both side	✓	**NA**	
6.2.1.3	**Call from a PSTN phone to monitored phone. Ringing, EUT picks-up then the caller releases the call.**			
	BLF key on EUT blinks Red color when monitored phone is ringing	✓	**NA**	
	BLF key on EUT is steady Green after the call has the EUT has picked-up the call	✓	**NA**	
	Call is well established between caller and EUT	✓	**NA**	
	Call is released on both side	✓	**NA**	
6.2.1.4	**Call from a PSTN phone to monitored phone. Ringing, EUT picks-up then releases the call.**			
	Call is well established between caller and EUT	✓	**NA**	
	Call is released on both side	✓	**NA**	

6.2.2 **Pick-up with transfer**

Test #	Scenario of the test	result ✗/✓		comments
6.2.2.1	**Call from another IP phone to monitored phone then EUT picks-up the call. EUT transfers the call to the monitored phone and caller releases the call.**	IP800	IP1020	
	BLF key on EUT blinks Red color when monitored phone is ringing and when the call is transferred.	✓	NA	
	BLF key on EUT is steady Red once the call has been transferred.	✓	NA	
	BLF key on EUT is steady Green after the caller has hanged up.	✓	NA	
	Call is well established between caller and EUT/monitored phone	✓	NA	
	Call is released on both side	✓	NA	
6.2.2.2	**Call from another IP phone to monitored phone then EUT picks-up the call. EUT transfers the call to the monitored phone and the monitored phone releases the call.**			
	Call is released on both side	✓	NA	
6.2.2.3	**Call from another IP phone to monitored phone then EUT picks-up the call. EUT transfers the call to the PSTN phone and the PSTN phone releases the call.**			
	Call is well established between caller and EUT, monitored phone and PSTN phone	✓	NA	
	Call is released on both monitored and PSTN phones side	✓	NA	
6.2.2.4	**Call from another IP phone to monitored phone then EUT picks-up the call. EUT transfers the call to the PSTN phone and the caller releases the call.**			
	Call is released on both monitored and PSTN phones side	✓	NA	
6.2.2.5	**Call from PSTN phone to monitored phone then EUT picks-up the call. EUT transfers the call to the monitored phone and caller releases the call.**			
	BLF key on EUT is steady Red once the call has been transferred.	✓	NA	
	BLF key on EUT is steady Green after the caller has hanged up.	✓	NA	
	Call is well established between caller and EUT/monitored phone	✓	NA	
	Call is released on both side	✓	NA	
6.2.2.6	**Call from PSTN phone to monitored phone then EUT picks-up the call. EUT transfers the call to the monitored phone and the monitored phone releases the call.**			
	Call is released on both side	✓	NA	

6.2.3 Pick-up on call waiting

Test #	Scenario of the test	result ✗/✔		comments
6.2.3.1	Call from PSTN phone to monitored phone which answers the call. Call from another IP phone to monitored phone then EUT picks-up the call. End of the call between PSTN and monitored phones. End of the call between EUT and IP phone	IP800	IP1020	
	BLF key on EUT blinks Red color on 2nd call	✔	NA	
	BLF key on EUT is steady Red once the call has been picked up.	✔	NA	
	BLF key on EUT is steady Green after the call between PSTN and monitored phones has been released.	✔	NA	
6.2.3.2	Call from monitored phone to PSTN phone which answers the call. Call from another IP phone to monitored phone then EUT picks-up the call. End of the call between PSTN and monitored phones. End of the call between EUT and IP phone			
	BLF key on EUT blinks Red color on 2nd call	✔	NA	
	BLF key on EUT is steady Red once the call has been picked up.	✔	NA	
	BLF key on EUT is steady Green after the call between IP and monitored phones has been released.	✔	NA	
6.2.3.2	Call from another IP phone to monitored phone which answers the call. Call from PSTN phone to monitored phone then EUT picks-up the call. End of the call between EUT and PSTN phone. End of the call between IP and monitored phones.			
	BLF key on EUT blinks Red color on 2nd call	✔	NA	
	BLF key on EUT is steady Red once the call has been picked up.	✔	NA	
	BLF key on EUT remains steady Red once the call between PSTN phone and EUT has been released.	✔	NA	
	BLF key on EUT is steady Green after the call between IP and monitored phones has been released.	✔	NA	

6.3   Call-park / call un-park

Test #	Scenario of the test	result ✗/✓		comments
6.3.1	**Call from IP phone to EUT. EUT park the call, 2nd IP phone un-park the call and releases the call**	**IP800**	**IP1020**	
	Call is well established between caller 2nd IP phone	NA	NA	
	Call well released on EUT	NA	NA	
	Call well released by 2nd IP phone	NA	NA	
	Call well released on caller side	NA	NA	
6.3.2	**Call from IP phone to EUT. EUT park the call, 2nd IP phone un-park the call and caller releases the call**			
	Call well released on EUT, 2nd IP phone and caller sides	NA	NA	
6.3.3	**Call from PSTN phone to EUT. EUT park the call, 2nd IP phone un-park the call and releases the call**			
	Call is well established between caller 2nd IP phone	NA	NA	
	Call well released on EUT	NA	NA	
	Call well released by 2nd IP phone	NA	NA	
	Call well released on caller side	NA	NA	
6.3.4	**Call from PSTN phone to EUT. EUT park the call, 2nd IP phone un-park the call and caller releases the call**			
	Call well released on EUT, 2nd IP phone and caller sides	NA	NA	
6.3.5	**Call from the EUT to a PSTN phone, EUT park the call, 2nd IP phone un-park the call and releases the call**			
	Call is well established between caller 2nd IP phone	NA	NA	
	Call well released on EUT	NA	NA	
	Call well released by 2nd IP phone	NA	NA	
	Call well released on caller side	NA	NA	

6.4   SMS

Test #	Scenario of the test	result ✗/✓		comments
6.4.1	**Reception of SMS sent from an IP phone**	**IP800**	**IP1020**	
	SMS is well received on the EUT	NA	NA	
6.4.2	**Reception of SMS sent from a mobile phone**			
	SMS is well received on the EUT	NA	NA	

6.5   LDAP directory

Test #	Scenario of the test	result ✗/✓		comments
6.5.1	**EUT sends an Ldap query**	**IP800**	**IP1020**	
	Result of the query is correct	NA	NA	

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