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1 INTRODUCTION

Scope of the document is providing the type of most common calls available in a Cisco Unified Communications environment and the way Stonevoice BillyBlues is reporting on these.

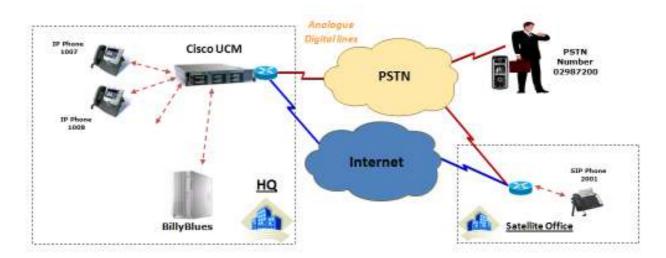


Figure 1 – Test Setup

- Cisco Unified CallManager supported are 4.x, 5.x, 6.x, 7.x
- Cisco Unified Voice Gateways supported can use both H.323 and MGCP protocols

2 SUPPORTED CALLS ON CUCM 6.X

2.1 CALL FROM AN IP PHONE TO ANOTHER IP PHONE

Test Cas	Test Case Details						
Description	Internal call from an IP Phone to another IP phone						
Test Setup	Figure 1						
Procedure	 From IP phone 1008, place a call to IP phone 1007 Answer the call and after a brief period, hang up. 						
Result (available in the Call List Report)	Date Duration Traff. Number Extension Ext. name Cost Type 05/03/09 18:56:52 00:00:05 Int. 1007 1008 Smith John 0.0000 Out 05/03/09 18:56:52 00:00:05 Int. 1008 1007 Neeil Mark 0.0000 In						
Observations	Each internal calls between extensions (local or remote) is reported with two records as it represents an outgoing internal for the caller and an incoming internal for the extension receiving the call						

2.2 INTERNAL CALL FROM AN IP PHONE TO A SIP PHONE

Test Case	Test Case Details				
Description	Internal call from an IP Phone to a SIP phone				
Test Setup	Figure 1				
Procedure	 From IP phone 1008, place a call to IP phone 2001 Answer the call and after a brief period, hang up. 				
Result (available in the Call List Report)	Date Duration Traff. Number Extension Ext. name Cost Typ 05/03/09 19:21:40 00:00:06 Int. 2001 1008 Smith John 0.0000 Out 05/03/09 19:21:40 00:00:06 Int. 1008 2001 Johnson Tom 0.0000 In				
Observations	Each internal calls between extensions (local or remote) is reported with two records as it represents an outgoing internal for the caller and an incoming internal for the extension receiving the call				

2.3 INTERNAL CALL TO AN IP NUMBER UNOBTAINABLE

Test Case D	Test Case Details				
Description	Internal call to an IP number unobtainable				
Test Setup	Figure 1				
Procedure	 From IP phone 1008, place a call to a number outside the CCM range that doesn't exist. Unobtainable call 				
Result (available in the Call List Report)	No call reported				
Observations					

2.4 INTERNAL CALL TO A BUSY IP EXTENSION

Test Case D	etails
Description	Internal call to a busy IP extension
Test Setup	Figure 1
Procedure	 From IP phone 1008, place a call to the busy IP phone 1007 Answer the call and after a brief period, hang up.
Result (available in the Call List Report) No call reported (the destIPAddress is 0 so call is discarded in the Call List Report)	
Observations	

2.5 OUTGOING CALL FROM AN IP PHONE TO PSTN

Test Case	Test Case Details					
Description	Outgoing call from an IP Phone to PSTN					
Test Setup	Figure 1					
Procedure	 From IP phone 1008, place a call to the PSTN number 02987200 Answer the call and after a brief period, hang up. 					

Result (available in the Call List Report)	Date	Duration	Traff.	Number	Extension	Ext. name	\$ Cost Typ
	05/03/09 20:25:28	00:00:08	Ext.	02987200	1008	Smith John	0.0064 Out
Observations							

2.6 OUTGOING CALL TO A BUSY PSTN NUMBER

Test Case I	Test Case Details							
Description	Outgoing call to a	Outgoing call to a busy PSTN number						
Test Setup	Figure 1	igure 1						
Procedure	From IP plBusy tone	Term in priorite 1998, place a cam to the 1997 trained a cam to						
Result (available in the Call List Report)	Date 05/03/09 20:34:18	Duration 00:00:00	Traff.	Number 02987200	Extension 1008	Ext. name Smith John	\$ 0.00	Typ
Observations								

2.7 OUTGOING CALL TO A PSTN NUMBER UNOBTAINABLE

Test Case	Details
Description	Outgoing call to a PSTN number unobtainable
Test Setup	Figure 1
Procedure	 From IP phone 1008, place a call to a not existing PSTN number, ex. 02101010 Unobtainable call
Result (available in the Call List Report)	় বাবন স্থান্ত বিষয় কর্ম স্থান স্
Observations	

2.8 INCOMING CALL FROM PSTN TO AN IP PHONE

	_		
Test	Caca	Detail	0

Description	ncoming call from PSTN to an IP Phone				
Test Setup	Figure 1				
Procedure	 IP phone 1007 receives a call from PSTN number 02987200 Answer the call and after a brief period, hang up. 				
Result (available in the Call List Report)	Date Duration Traff. Number Extension Ext. name Cost Type ▼ 05/03/09 20:47:10 00:00:05 Ext. 02987200 1007 Neeil Mark 0.0000 In				
Observations					

2.9 INCOMING CALL FROM PSTN TO A BUSY IP PHONE

Test Case D	Test Case Details				
Description	Incoming call from PSTN to a busy IP Phone				
Test Setup	Figure 1				
Procedure	 IP phone 1007 receives a call from PSTN number 02987200 Caller hears busy tone 				
Result (available in the Call List Report)	No call reported (the destIPAddress is 0 so call is discarded)				
Observations					

2.10 INCOMING CALL FROM PSTN TO AN IP PHONE WITHOUT ANSWER

Test Case	e Details						
Description	Incoming call from PSTN to an IP Phone without answer						
Test Setup	igure 1						
Procedure	 IP phone 1007 receives a call from PSTN number 02987200 Call is no answered. 						
Result (available in the Call List Report)	. New Company Comment						
Observations							

2.11 INTERNAL CALL TO AN IP PHONE FORWARDED TO A PSTN PHONE

Test Case	e Details									
Description	Internal call to an IP Phone forwarded to a PSTN phone									
Test Setup	igure 1									
Procedure	 On IP phone 1007 set the call forward to the PSTN number 02987200 From IP phone 1008, place a call to IP phone 1007 Answer the call at 02987200 and after a brief period, hang up 									
Result (available in the Call List Report)										
Observations	The PSTN call is correctly billed to the forwarding party.									

2.12 INTERNAL CALL TO AN IP PHONE FORWARDED TO A SIP PHONE

Test Cas	e Details											
Description	Internal call to a	ernal call to an IP Phone forwarded to a SIP phone										
Test Setup	Figure 1	gure 1										
Procedure	• From IP	From IP phone 1008, place a call to IP phone 1007										
Result	Date	Duration	Traff.	Number	Extension	Ext. name	⊕ Co	ost ै	Туре 💠			
(available in	05/03/09 22:13:13	00:00:04	Int.	2001	1008	Smith John		0.00000	ut			
the Call List Report)	05/03/09 22:13:13	00:00:04	Int.	1008	2001	Johnson Tom	0.0000 In		1			
Observations												

2.13 INCOMING CALL TO AN IP PHONE FORWARDED TO ANOTHER IP PHONE

Test Cas	e Details								
Description	coming call to an IP Phone forwarded to another IP phone								
Test Setup	Figure 1								
Procedure	 On IP phone 1007 set the call forward to the IP Phone 1008 IP phone 1007 receives a call from PSTN number 02987200 Answer the call at 1008 and after a brief period, hang up 								

Result	Date	Duration	Traff.	Number	Extension	Ext. name	Cost
(available in the Call List Report)	05/03/09 22:40:42	00:00:10	Ext.	02987200	1008	Smith John	0.0000 In /
Observations							

2.14 INCOMING CALL TO AN IP PHONE, PARKED AND RETRIEVED FROM ANOTHER IP PHONE

Test Cas	se Details											
Description	Incoming call to a	ncoming call to an IP Phone, parked and retrieved from another IP phone										
Test Setup	Figure 1	Figure 1										
Procedure	 IP phone 1007 receives a call from PSTN number 02987200 Answer the call and after a brief period, park the call through the softkey. After 10 seconds, IP phone 1008 dial the call park number and retrieve the call. IP Phone 1008 talks for 12 seconds and then hangs up. 											
Result (available in	Date	\$	Duration	Traff. \$	Number	÷	Extension ‡	Cost	\$	Туре	\$	
the Call List	10/03/09 21:59:49		00:00:06	Ext.	02987200		1008	0.0	0000	In		
Report)	10/03/09 21:59:40 00:00:09 Ext. 02987200 1007 0.0					0000 In						
	10/03/09 21:59:37 00:00:03 Ext. 02987200 1007 0.					0.0	0000	In				
Observations	+											

2.15 OUTGOING CALL TO TO A PSTN NUMBER, PARKED AND RETRIEVED FROM ANOTHER IP PHONE

Test Case Details											
Description	outgoing call to to a PSTN number, parked and retrieved from another IP phone										
Test Setup	Figure 1										
Procedure	 From IP phone 1007 place a call to PSTN number 02987200 Talk for 11 seconds, park the call through the softkey. After 14 seconds, IP phone 1008 dial the call park number and retrieve the call. IP Phone 1008 talks for 14 seconds and then hangs up. 										

Result	Date	Duration	Traff.	Number	Extension	Ext. name	Cost Type Type Type Type Type Type Type Type			
(available in	05/03/09 22:55:34	00:00:14	Ext.	02987200	1008	Smith John	0.0112 Out			
the Call List	05/03/09 22:55:20	00:00:14	Ext.	02987200	1007	Neeil Mark	0.0112 Out			
Report)	05/03/09 22:55:09	00:00:11	Ext.	02987200	1007	Neeil Mark	0.0088 Out			
Observations	3 records to b	e read l	oottom	ı up:						
	- from 10	007 to 0	29872	200 with du	ration 11	seconds (con	versation)			
	- from 10	- from 1007 to 02987200 with the duration of the park								
	- from 10	008 to 0	29872	200 with du	ration 14	seconds (con	versation)			

2.16 INCOMING CALL TO AN IP PHONE PICKED UP FROM ANOTHER IP PHONE

Test Cas	e Details								
Description	ncoming call to an IP Phone picked up from another IP Phone								
Test Setup	igure 1								
Procedure	 IP phone 1007 receives a call from PSTN number 02987200 IP Phone 1008 takes the call selecting the PickUp softkey. IP Phone 1008 talks for 6 seconds and then hangs up. 								
Result (available in the Call List Report)	Date Duration Traff. Number Extension Ext. name Cost Type 06/03/09 13:28:42 00:00:06 Ext. 02987200 1008 Smith John 0.0000 In								
Observations									

2.17 INTERNAL CALL BETWEEN IP PHONES WITH CONSULTATIVE TRANSFER TO A SIP PHONE

Test Case	e Details
Description	Internal call between IP Phones with consultative transfer to a SIP Phone
Test Setup	Figure 1
Procedure	 From IP phone 1007, place a call to IP phone 1008 After talking 15 seconds, IP Phone 1008, press Transfer to put phone 1007 on hold for consultation From IP phone 1008, place a call to SIP phone 2001 and talk 17 seconds From IP phone 1008 transfer the held call IP Phone 1007 and SIP Phone 2001 talk 23 seconds, then hang up.

Result	Date	Duration	Traff.	Number	Extension	Ext. name	Cost Type
(available in	06/03/09 13:38:04	00:00:23	Int.	2001	1007	Neeil Mark	0.0000 Out
the Call List	06/03/09 13:38:04	00:00:23	Int.	1007	2001	Johnson Tom	0.0000 In
Report)	06/03/09 13:37:47	00:00:17	Int.	2001	1008	Smith John	0.0000 Out
	06/03/09 13:37:47	00:00:17	Int.	1008	2001	Johnson Tom	0.0000 In
	06/03/09 13:37:27	00:00:37	Int.	1008	1007	Neeil Mark	0.0000 Out
	06/03/09 13:37:27	00:00:37	Int.	1007	1008	Smith John	0.0000In
Observations	conver - Call fro time - Call fro	om 1007 rsation ti om 1008	to 10 ime + to 20	008 where the hold 001 where	e the durat time e the durat	cords: ion is the sum ion is the conv) where the du	rersation

2.18 INTERNAL CALL BETWEEN IP PHONES WITH CONSULTATIVE TRANSFER TO A PSTN PHONE

Test Cas	e Details									
Description	Internal call between IP Phones with consultative transfer to a PSTN phone (Boss – Secretary)									
Test Setup	Figure 1									
Procedure	 From IP phone 1007, place a call to IP phone 1008 After talking 15 seconds, IP Phone 1008, press Transfer to put phone 1007 on hold for consultation From IP phone 1008, place a call to PSTN number 02987200 and talk 13 seconds From IP phone 1008 transfer the held call IP Phone 1007 and PSTN number 02987200 talk 40 seconds, then hang up. 									
Result (available in the Call List Report)	Date 06/03/09 13:50:30 06/03/09 13:50:17 06/03/09 13:49:49 06/03/09 13:49:49	00:00:13	Ext. Ext. Int.	Number 02987200 02987200 1008 1007	1007 1008 1007 1008	Neeil Mark Smith John Neeil Mark Smith John	0.0433 Out 0.0141 Out 0.0000 Out 0.0000 In			
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1										

2.19 INCOMING CALL TO AN IP PHONE WITH CONSULTATIVE TRANSFER TO ANOTHER IP PHONE

Test Case	Details								
Description	Incoming call to	ncoming call to an IP Phone with consultative transfer to another IP Phone							
Test Setup	Figure 1								
Procedure	After talki phone 02From IP pFrom IP p	 IP phone 1007 receives a call from PSTN number 02987200 After talking 10 seconds, IP Phone 1007, press Transfer to put the PSTN phone 02987200 on hold for consultation From IP phone 1007, place a call to IP Phone 1008 and talk 13 seconds From IP phone 1007 transfer the held call IP Phone 1008 and PSTN number 02987200 talk 16 seconds, then hang up. 							
Result	Date	Duration Traff	. 🖣 Number	Extensio	n 🗘 Ext. name	Cost Type			
(available in	06/03/09 14:05:17	00:00:16 Ext.	02987200	1008	Smith John	0.0000 In			
the Call List	06/03/09 14:05:04	00:00:13 Int.	1008	1007	Neeil Mark	0.0000 Out			
Report)	06/03/09 14:05:04	00:00:13 Int.	1007	1008	Smith John	0.0000 In			
	06/03/09 14:04:44	00:00:33 Ext.	02987200	1007	Neeil Mark	0.0000 In			
Observations	conver - 2 reco conver - Call fro	om 02987200 rsation time - rds for the car rsation time	to 1007 v the hold all from 100 to 1008 (where the time 07 to 100	e duration is the down of the	uration is the			

2.20 CONFERENCE CALL BETWEEN IP PHONES AND SIP PHONE

Test Case	Details
Description	Conference call between IP phones and SIP phone
Test Setup	Figure 1
Procedure	 From SIP phone 2001 place a call to IP phone 1008 and talk for 10 seconds. From IP phone 1008, press 'Conference' to place the SIP phone 2001 on hold. From IP Phone 1008 place a call to IP Phone 1007 and talk 10 seconds. On phone 1008 press 'Conference' to join all three parties together

	All talk 19Hang upSIP Phor	phone 10	800		7 talk 12 se	conds, then han	g up.
Result	Date	Duration	Traff.	Number	Extension	Ext. name 💠	Cost Type
(available in	06/03/09 14:11:44	00:00:12	Int.	1007	2001	Johnson Tom	0.0000 Out
the Call List	06/03/09 14:11:44	00:00:12	Int.	2001	1007	Neeil Mark	0.00001n
Report)	06/03/09 14:11:25	00:00:19	Int.	1008	2001	Johnson Tom	0.0000 Out
	06/03/09 14:11:25	00:00:19	Int.	2001	1008	Smith John	0.0008 In
	06/03/09 14:11:25	00:00:19	Int.	1007	1008	Smith John	0.0000 Out
	06/03/09 14:11:25	00:00:19	Int.	1008	1007	Neeil Mark	0.0000 In
	06/03/09 14:11:15	00:00:10	Int.	1007	1008	Smith John	0.0000 Out
	06/03/09 14:11:15	00:00:10	Int.	1008	1007	Neeil Mark	0.0000 In
	06/03/09 14:10:57	00:00:27	Int.	1008	2001	Johnson Tom	0.0000 Out
	06/03/09 14:10:57	00:00:27	Int.	2001	1008	Smith John	0.0000 In
Observations	conve - Call fro time - 2 coup Confe 1008 t	om 2001 rsation tion 1008 of received for the of received for 1007 a	to 100 me + t to 100 ords (I 19 se and 200	08 where the hold tile of the hold tile of the hold tile of the hold of the ho	the duratiome the duratio d in the fig ne call dire	rds: n is the sum of n is the conver ure) showing all ctions are resp	sation II in ected,

2.21 CONFERENCE CALL BETWEEN IP PHONES AND INCOMING PSTN PHONE

Test Cas	se Details
Description	Conference call between IP phones and incoming PSTN phone
Test Setup	Figure 1
Procedure	 From IP phone 1008 receives a call from PSTN phone 02987200 and talk for 20 seconds. From IP phone 1008, press 'Conference' to place the PSTN phone on hold. From IP Phone 1008 place a call to IP Phone 1007 and talk 8 seconds. On phone 1008 press 'Conference' to join all three parties together All talk 10 seconds in conference. Hang up phone 1008 IP Phone 1007 and PSTN phone 02987200 talk 13 seconds, then hang up.

Result	Date \$	Duration	Traff.	Number \$	Extension Capartment Capartment	cost ‡ Type ‡
(available in the Call List	10/03/09 17:18:09	00:00:10	Ext.	02987200	1007	0.0000 In
	10/03/09 17:18:03	00:00:06	Int.	1007	1008	0.0000 Out
Report)	10/03/09 17:18:03	00:00:06	Int.	1008	1007	0.0000 In
	10/03/09 17:18:02	00:00:07	Ext.	02987200	1008	0.0000 In
	10/03/09 17:17:58	00:00:04	Int.	1007	1008	0.0000 Out
	10/03/09 17:17:58	00:00:04	Int.	1008	1007	0.0000 In
	10/03/09 17:17:46	00:00:16	Ext.	02987200	1008	0.0000 In
Observations	convers - Call fror time (10 - 3 record direction	n 02987 ation tir n 1008 second s show ns are re	7200 t me + t to 100 ds) ing all espec	o 1008 wh he hold tim of where the	ne duration is the conve ence for 20 seconds. The 200 to 1008 and 1008	ersation he call

2.22 CONFERENCE CALL BETWEEN IP PHONES AND OUTGOING PSTN PHONE

Test Case	Test Case Details								
Description	Conference call	Conference call between IP phones and outgoing PSTN phone							
Test Setup	Figure 1								
Procedure	seconds. From IP phold. From IP F On phone All talk 10 Hang up	Phone 10 Phone 10 e 1008 pi second phone 10	008, pro 008 pla ress 'C s in co 008	ess 'Confo ce a call onference nference.	erence' to to IP Phor e' to join a	place the PS ne 1007 and ta all three partie	alk 8 seconds.		
Result (available in the Call List Report)	Date 06/03/09 16:29:20 06/03/09 16:29:10 06/03/09 16:29:10 06/03/09 16:29:10 06/03/09 16:29:02 06/03/09 16:29:02 06/03/09 16:28:39	Duration 00:00:13 00:00:10 00:00:10 00:00:10 00:00:08 00:00:08 00:00:08	1	Number 02987200 02987200 1007 1008 1007 1008 02987200	1007 1008 1008 1007 1008 1007 1008	Neeil Mark Smith John Smith John Neeil Mark Smith John Neeil Mark Smith John Neeil Mark Smith John	0.0141 Out 0.0108 Out 0.0000 In 0.0000 In 0.0000 In 0.0000 In 0.0036 Out		
Observations	Read the seq			•	where the	e duration is	the sum of the		

conversation time + the hold time - Call from 1008 to 1007 where the duration is the conversation
time (10 seconds) - 3 records showing all in Conference for 20 seconds. The call directions are respected, 1008 to 02987200 and 1008 to 1007 - Call between 1007 and 02987200

2.23 MULTIPLE CALLS PER LINE (CALL WAITING)

Test Cas	e Details						
Description	Multiple calls pe	r line (Cal	l waitin	g)			
Test Setup	Figure 1						
Procedure	 Place a call from SIP phone 2001 to an IP phone 1008 Place another call from IP phone 1007 to IP phone 1008 (answer the incoming call, placing the original call on hold) Hangup the current call on IP phone 1008 and resume the call with SIP phone 2001 Hang up. 						
Result	Date	Duration	Traff.	Number	Extension	Ext. name	Cost
(available in the Call List	06/03/09 15:09:34	00:00:23	Int.	1008	1007	Neeil Mark	0.0000 Out
	06/03/09 15:09:34	00:00:23	Int.	1007	1008	Smith John	0.0000In
Report)	06/03/09 15:09:17	00:00:55	Int.	1008	2001	Johnson Tom	0.0000 Out
	06/03/09 15:09:17	00:00:55	Int.	2001	1008	Smith John	0.0000 In
Observations Read the sequence bottom up, 2 couple of records: - Call from 2001 to 1008 where the duration is the sum of the conversation time + the hold time - Call from 1007 to 1008 where the duration is the conversation time							

2.24 BARGE, IP PHONE, ORIGINATED CALL

Test Case Details					
Description	Barge, IP Phone, Originated Call				
Test Setup	Figure 1				
Procedure	 From IP phone (A) with shared line 1008 place a call to PSTN phone 02987200 and talk 10 seconds From another IP phone (B) with the 1008 shared line, Barge the established call, talk 14 seconds From the target phone of the barge hang up (A) 				

	Talk addi	tional 10	secor	nds and ha	ang up Ph	one B		
Result (available in the Call List Report)	Date	Duration	Traff.	Number	Extensio	n ♥ Ext. name	Cos	st 🕏 Type
	06/03/09 15:16:30	00:00:34	Ext.	02987200	1008	Smith John	(0.0368 Out
Observations	A single reco where the du conversation	ration of	34 se	econds is	the sum	of the Phone	A :	

2.25 BARGE, IP PHONE, TERMINATED CALL

Test Case	e Details					
Description	Barge, IP Phone	, Terminated (Call			
Test Setup	Figure 1					
Procedure	• From the	 IP phone (A) with shared line 1008 receives a call from PSTN phone 02987200 and talk 10 seconds From another IP phone (B) with the 1008 shared line, Barge the established call, talk 20 seconds From the target phone of the barge hang up (A) 				
Result	Date	Duration Traf	ff. 🖣 Number	Extension	on 🗣 Ext. name	♦ Cost ♦ Type
(available in	06/03/09 15:24:17	00:00:11 Ext.	02987200	1008	Smith John	0.0000In
the Call List Report) 06/03/09 15:23:50 00:00:27 Ext. 02987200 1008 Smith John 0.0					0.0000 In	
Observations	Read the sequ	uence botto	m up			

2.26 CBARGE, IP PHONE, ORIGINATED CALL

Test Case	Test Case Details						
Description	Barge, IP Phone, Originated Call						
Test Setup	Figure 1						
Procedure	 From IP phone (A) with shared line 1008 place a call to PSTN phone 02987200 and talk 6 seconds From another IP phone (B) with the 1008 shared line, cBarge the established call, talk 13 seconds From the target phone of the barge hang up (A) Talk additional 9 seconds and hang up Phone B 						

Result	Date	Duration	Traff.	Number	Extension	on 🗣 Ext. name	♦ Cost ♦ Type ♦
(available in	06/03/09 16:46:00	00:00:09	Ext.	02987200	1008	Smith John	0.0098 Out
the Call List	06/03/09 16:45:47	00:00:13	Ext.	02987200	1008	Smith John	0.0141 Out
Report)	06/03/09 16:45:47	00:00:13	Int.	1008			0.0000 Out
	06/03/09 16:45:47	00:00:13	Int.		1008	Smith John	0.0000 In
	06/03/09 16:45:41	00:00:06	Ext.	02987200	1008	Smith John	0.0065 Out
Observations	conver - 3 recordirection	om 1008 sation t ds show ons are er (cBarç	3 to 02 ime (0 wing a respe ge bri	2987200 6 second all in Con ected, 100 dge)	s) ference 08 to 029	ne duration is t for 16 seconds 987200 and 10) for additional	s. The call 008 to the void

2.27 CBARGE, IP PHONE, TERMINATED CALL

Test Cas	se Details					
Description	cBarge, IP Phone, Terminated Call					
Test Setup	Figure 1					
Procedure	 IP phone (A) with shared line 1008 receives a call from PSTN phone 02987200 and talk 11 seconds From another IP phone (B) with the 1008 shared line, Barge the established call, talk 20 seconds From the target phone of the barge hang up (A) Talk additional 12 seconds and hang up Phone B 					
Result	Date Duration Traff. Number Extension Ext. name Cost Type Type					
(available in	06/03/09 15:42:59					
the Call List	06/03/09 15:42:34					
Report)	06/03/09 15:42:34					
	06/03/09 15:42:34					
	06/03/09 15:42:23					
Observations	Read the sequence bottom up: - Call from 02987200 to 1008 where the duration is the conversation time (11 seconds) - 3 records showing all in Conference for 25 seconds (highlighted). The call directions are respected, 02987200 to 1008 and 1008 to the void number (cBarge bridge) - Call from 02987200 to 1008 where the duration is the conversation time (12 seconds)					

2.28 EXTENSION MOBILITY

Test Cas	e Details
Description	Extension Mobility
Test Setup	Figure 1
Procedure	 From IP Phone A log onto extension mobility: username psdtuser password 123456 IP Phone A takes number 1008 Make a call from IP Phone A to PSTN Phone 02987200
Result (available in the Call List Report)	Date Duration Traff. Number ₱ Extension ₱ Ext. name ₱ Cost ₱ Type ₱ 06/03/09 15:54:38 00:00:05 Ext. 02987200 1008 Smith John 0.0054 Out 0.0054 Out <td< th=""></td<>
Observations	Correctly reported

2.29 IP PHONE CALL ROUTES USING FAC CODES AND THE HASH KEY

Test Case	e Details						
Description	IP Phone call routes using FAC codes and the hash key						
Test Setup	Figure 1						
Procedure	 From IP phone 1008, place a call to the FAC enabled PSTN number 02987200 After the beep insert the FAC code number 8888 following by #, corresponding to the FAC code name "TEST" Talk and after a brief period, hang up. 						
Result (available in the Call List Report)	Public Reports 1-Call Monitor 2-Cost Analysis 3-Group Analysis 4-Department Analysis 5-Cost Center Analysis 6-Report Templates 7-FAC & CMC Analysis FAC level × Extension CMC × Extension	What is the FAC level by What is the CMC by Exter					

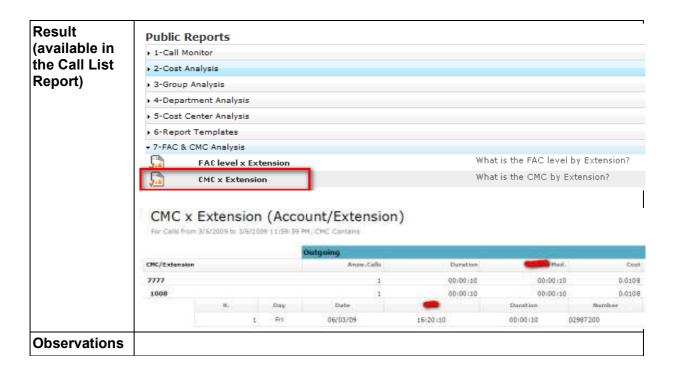
					Outgoing			
	FAC Description/Extension				Answ.Calls Duration		Med.	
	test				1	00:00:04	00:00:04	0.00
	1008				1	00:00:04	00:00:04	0.00
		N.		Day	Date	_	Duration	Number
			1	Pri	06/03/09	16:09:35	00:00:04	02987200
Observations								

2.30 CALL WITH AN INCORRECT FAC CODE

Test Case D	Test Case Details					
Description	Call with an incorrect FAC code					
Test Setup	Figure 1					
Procedure	 From IP phone 1008, place a call to the FAC enabled PSTN number 02987200 After the beep insert the incorrect FAC code number 4312 following by # Call is NOT established 					
Result (available in the Call List Report)	No call reported					
Observations						

2.31 IP PHONE CALL ROUTES USING CMC CODES AND THE HASH KEY

Test Case Details						
Description	IP Phone call routes using CMC codes and the hash key					
Test Setup	Figure 1					
Procedure	 From IP phone 1008, place a call to the CMC enabled PSTN number 02987200 After the beep insert the CMC code number 7777 following by #, corresponding to the CMC code name "CMC TEST" Talk and after a brief period, hang up. 					



2.32 CALL WITH AN INCORRECT CMC CODE

Test Case D	etails			
Description	Call with an incorrect CMC code			
Test Setup	Figure 1			
Procedure	 From IP phone 1008, place a call to the CMC enabled PSTN number 02987200 After the beep insert the incorrect CMC code number 4312 following by # Call is NOT established 			
Result (available in the Call List Report)	No call reported			
Observations				

3 SUPPORTED CALLS ON CUCM 7.X

3.1 CALL FROM AN IP PHONE TO ANOTHER IP PHONE

Test Cas	Test Case Details				
Description	Internal call from an IP Phone to another IP phone				
Test Setup	Figure 1				
Procedure	 From IP phone 1008, place a call to IP phone 1007 Answer the call and after a brief period, hang up. 				
Result (available in the Call List Report)	Date Duration Traff. Number Extension Ext. name Cost Type 05/03/09 18:56:52 00:00:05 Int. 1007 1008 Smith John 0.0000 Out 05/03/09 18:56:52 00:00:05 Int. 1008 1007 Neeil Mark 0.0000 In				
Observations	Each internal calls between extensions (local or remote) is reported with two records as it represents an outgoing internal for the caller and an incoming internal for the extension receiving the call				

3.2 INTERNAL CALL FROM AN IP PHONE TO A SIP PHONE

Test Case	Details						
Description	Internal call from a	an IP Ph	one to	a SIP phone	9		
Test Setup	Figure 1						
Procedure	From IP phAnswer the		•		•		
Result (available in	Date +	Duration			Extension		Cost Type
the Call List Report)		00:00:06	Int.	2001 1008	1008 2001	Smith John Johnson Tom	0.0000 Out 0.0000 In
Observations		it repre	esents	s an outgo	ing interr	or remote) is reponant for the caller and call	

3.3 INTERNAL CALL TO AN IP NUMBER UNOBTAINABLE

Test Case D	Test Case Details					
Description	Internal call to an IP number unobtainable					
Test Setup	Figure 1					
Procedure	 From IP phone 1008, place a call to a number outside the CCM range that doesn't exist. Unobtainable call 					
Result (available in the Call List Report)	No call reported					
Observations						

3.4 INTERNAL CALL TO A BUSY IP EXTENSION

Test Case D	etails
Description	Internal call to a busy IP extension
Test Setup	Figure 1
Procedure	 From IP phone 1008, place a call to the busy IP phone 1007 Answer the call and after a brief period, hang up.
Result (available in the Call List Report)	No call reported (the destIPAddress is 0 so call is discarded)
Observations	

3.5 OUTGOING CALL FROM AN IP PHONE TO PSTN

Test Case	e Details
Description	Outgoing call from an IP Phone to PSTN
Test Setup	Figure 1
Procedure	 From IP phone 1008, place a call to the PSTN number 02987200 Answer the call and after a brief period, hang up.

Result	Date	Duration	Traff.	Number	Extension	Ext. name	\$ Cost Typ
(available in the Call List Report)	05/03/09 20:25:28	00:00:08	Ext.	02987200	1008	Smith John	0.0064 Out
Observations							

3.6 OUTGOING CALL TO A BUSY PSTN NUMBER

Test Case I	Details									
Description	Outgoing call to a	Outgoing call to a busy PSTN number								
Test Setup	Figure 1	igure 1								
Procedure	From IP plBusy tone		08, pla	ce a call to	o the PSTN	l number 02987	7200			
Result	Date	Duration	Traff.	Number	Extension	Ext. name	Cost	† Тур		
(available in the Call List Report)	05/03/09 20:34:18	00:00:00	Ext.	02987200	1008	Smith John	0.0	0000 Out		
Observations										

3.7 OUTGOING CALL TO A PSTN NUMBER UNOBTAINABLE

Test Case	e Details
Description	Outgoing call to a PSTN number unobtainable
Test Setup	Figure 1
Procedure	 From IP phone 1008, place a call to a not existing PSTN number, ex. 02101010 Unobtainable call
Result (available in the Call List Report)	্ করন স্থান্তর স্থান অপুতপুত্র ২০.১৮.১. বাচার্যারে । ১. বাংর্যারের ১০১১ স্থান্তর স্থান্তর স্থান্তর স্থান্তর স্থান্তর স্থান্তর স্থান
Observations	

3.8 INCOMING CALL FROM PSTN TO AN IP PHONE

	_		
Test	Caca	Detail	0

Description	Incoming call from PSTN to an IP Phone								
Test Setup	Figure 1								
Procedure	 IP phone 1007 receives a call from PSTN number 02987200 Answer the call and after a brief period, hang up. 								
Result	Date Duration Traff. Number Extension Ext. name Cost Type Type								
(available in the Call List Report)	05/03/09 20:47:10 00:00:05 Ext. 02987200 1007 Neeil Mark 0.0000 In								
Observations									

3.9 INCOMING CALL FROM PSTN TO A BUSY IP PHONE

Test Case D	etails
Description	Incoming call from PSTN to a busy IP Phone
Test Setup	Figure 1
Procedure	 IP phone 1007 receives a call from PSTN number 02987200 Caller hears busy tone
Result (available in the Call List Report)	No call reported (the destIPAddress is 0 so call is discarded)
Observations	

3.10 INCOMING CALL FROM PSTN TO AN IP PHONE WITHOUT ANSWER

Test Case D	etails
Description	Incoming call from PSTN to an IP Phone without answer
Test Setup	Figure 1
Procedure	 IP phone 1007 receives a call from PSTN number 02987200 Call is no answered.
Result (available in the Call List Report)	
Observations	No call reported

3.11 INTERNAL CALL TO AN IP PHONE FORWARDED TO A PSTN PHONE

Test Case	Details								
Description	Internal call to an IP Phone forwarded to a PSTN phone								
Test Setup	Figure 1								
Procedure	 On IP phone 1007 set the call forward to the PSTN number 02987200 From IP phone 1008, place a call to IP phone 1007 Answer the call at 02987200 and after a brief period, hang up 								
Result (available in the Call List Report)									
Observations	The PSTN call is correctly billed to the forwarding party.								

3.12 INTERNAL CALL TO AN IP PHONE FORWARDED TO A SIP PHONE

Test Cas	e Details										
Description	Internal call to a	nternal call to an IP Phone forwarded to a SIP phone									
Test Setup	Figure 1	igure 1									
Procedure	• From IP	ohone 10	008, pl	ace a call	to IP phon	SIP Phone 2 e 1007 riod, hang up					
Result	Date	Duration	Traff.	Number	Extension	Ext. name	⊕ Co	ost ै	Туре 💠		
(available in	05/03/09 22:13:13	00:00:04	Int.	2001	1008	Smith John		0.00000	ut		
the Call List Report)	05/03/09 22:13:13	05/03/09 22:13:13									
Observations											

3.13 INCOMING CALL TO AN IP PHONE FORWARDED TO ANOTHER IP PHONE

Test Cas	e Details
Description	Incoming call to an IP Phone forwarded to another IP phone
Test Setup	Figure 1
Procedure	 On IP phone 1007 set the call forward to the IP Phone 1008 IP phone 1007 receives a call from PSTN number 02987200 Answer the call at 1008 and after a brief period, hang up

Result	Date	Duration	Traff.	Number	Extension	Ext. name	Cost
(available in the Call List Report)	05/03/09 22:40:42	00:00:10	Ext.	02987200	1008	Smith John	0.0000 In /
Observations							

3.14 INCOMING CALL TO AN IP PHONE, PARKED AND RETRIEVED FROM ANOTHER IP PHONE

Test Cas	se Details											
Description	Incoming call to a	Incoming call to an IP Phone, parked and retrieved from another IP phone										
Test Setup	Figure 1	Figure 1										
Procedure	 IP phone 1007 receives a call from PSTN number 02987200 Answer the call and after a brief period, park the call through the softkey. After 10 seconds, IP phone 1008 dial the call park number and retrieve the call. IP Phone 1008 talks for 12 seconds and then hangs up. 											
Result (available in	Date	\$	Duration	Traff. \$	Number	÷	Extension ‡	Cost	\$	Туре	\$	
the Call List	10/03/09 21:59:49		00:00:06	Ext.	02987200		1008	0.0	0000	In		
Report)	10/03/09 21:59:40	3	00:00:09	Ext.	02987200		1007 0.0000 In		In			
	10/03/09 21:59:37		00:00:03	Ext.	02987200		1007	0.0	0000	In		
Observations	+											

3.15 OUTGOING CALL TO TO A PSTN NUMBER, PARKED AND RETRIEVED FROM ANOTHER IP PHONE

Test Cas	Test Case Details								
Description	Outgoing call to to a PSTN number, parked and retrieved from another IP phone								
Test Setup	Figure 1								
Procedure	 From IP phone 1007 place a call to PSTN number 02987200 Talk for 11 seconds, park the call through the softkey. After 14 seconds, IP phone 1008 dial the call park number and retrieve the call. IP Phone 1008 talks for 14 seconds and then hangs up. 								

Result	Date	Duration	Traff.	Number	Extension	Ext. name	Cost Type Type Type Type Type Type Type Type		
(available in	05/03/09 22:55:34	00:00:14	Ext.	02987200	1008	Smith John	0.0112 Out		
the Call List	05/03/09 22:55:20	00:00:14	Ext.	02987200	1007	Neeil Mark	0.0112 Out		
Report)	05/03/09 22:55:09	00:00:11	Ext.	02987200	1007	Neeil Mark	0.0088 Out		
Observations	3 records to b	e read l	oottom	ı up:					
	- from 10	007 to 0	29872	200 with du	ration 11	seconds (con	versation)		
	- from 1007 to 02987200 with the duration of the park								
	- from 10	008 to 0	29872	200 with du	ration 14	seconds (con	versation)		

3.16 INCOMING CALL TO AN IP PHONE PICKED UP FROM ANOTHER IP PHONE

Test Cas	se Details		
Description	Incoming call to an IP Phone picked up from another IP Phone		
Test Setup	Figure 1		
Procedure	 IP phone 1007 receives a call from PSTN number 02987200 IP Phone 1008 takes the call selecting the PickUp softkey. IP Phone 1008 talks for 6 seconds and then hangs up. 		
Result (available in the Call List Report)	Date Duration Traff. Number Extension Ext. name 06/03/09 13:28:42 00:00:06 Ext. 02987200 1008 Smith John	0.00	▼ Type Type
Observations	s		

3.17 INTERNAL CALL BETWEEN IP PHONES WITH CONSULTATIVE TRANSFER TO A SIP PHONE

Test Case	Test Case Details								
Description	Internal call between IP Phones with consultative transfer to a SIP Phone								
Test Setup	Figure 1								
Procedure	 From IP phone 1007, place a call to IP phone 1008 After talking 15 seconds, IP Phone 1008, press Transfer to put phone 1007 on hold for consultation From IP phone 1008, place a call to SIP phone 2001 and talk 17 seconds From IP phone 1008 transfer the held call IP Phone 1007 and SIP Phone 2001 talk 23 seconds, then hang up. 								

Result	Date	Duration	Traff.	Number	Extension	Ext. name	Cost Type
(available in	06/03/09 13:38:04	00:00:23	Int.	2001	1007	Neeil Mark	0.0000 Out
the Call List	06/03/09 13:38:04	00:00:23	Int.	1007	2001	Johnson Tom	0.0000 In
Report)	06/03/09 13:37:47	00:00:17	Int.	2001	1008	Smith John	0.0000 Out
	06/03/09 13:37:47	00:00:17	Int.	1008	2001	Johnson Tom	0.0000 In
	06/03/09 13:37:27	00:00:37	Int.	1008	1007	Neeil Mark	0.0000 Out
	06/03/09 13:37:27	00:00:37	Int.	1007	1008	Smith John	0.0000In
Observations	conver - Call fro time - Call fro	om 1007 rsation to om 1008	to 10 ime + to 20 to 20	008 where the hold 001 where	e the durat time e the durat	cords: ion is the sum ion is the conv) where the du	ersation

3.18 INTERNAL CALL BETWEEN IP PHONES WITH CONSULTATIVE TRANSFER TO A PSTN PHONE

Test Cas	e Details											
Description	Internal call bet Secretary)	Internal call between IP Phones with consultative transfer to a PSTN phone (Boss – Secretary)										
Test Setup	Figure 1											
Procedure	 From IP phone 1007, place a call to IP phone 1008 After talking 15 seconds, IP Phone 1008, press Transfer to put phone 1007 on hold for consultation From IP phone 1008, place a call to PSTN number 02987200 and talk 13 seconds From IP phone 1008 transfer the held call IP Phone 1007 and PSTN number 02987200 talk 40 seconds, then hang up. 											
Result (available in	Date	Duration			Extensi		Cost Type					
the Call List	06/03/09 13:50:30 06/03/09 13:50:17	00:00:40	Ext.	02987200	1007	Neeil Mark Smith John	0.0433 Out 0.0141 Out					
Report)	06/03/09 13:49:49	00:00:41	Int.	1008	1007	Neeil Mark	0.0000 Out					
	06/03/09 13:49:49	00:00:41	Int.	1007	1008	Smith John	0.0000 In					
Observations	- Call fr conve - Call fr conve - Call fr	om 100 rsation tom om 1008 rsation t	7 to 1 time - 3 to 0 time 7 to 0	008 where the hold 2987200 v	e the du time where th	ration is the sume duration is the red call) where						

3.19 INCOMING CALL TO AN IP PHONE WITH CONSULTATIVE TRANSFER TO ANOTHER IP PHONE

Test Case	Details										
Description	Incoming call to	ncoming call to an IP Phone with consultative transfer to another IP Phone									
Test Setup	Figure 1										
Procedure	After talki phone 02From IP pFrom IP p	 IP phone 1007 receives a call from PSTN number 02987200 After talking 10 seconds, IP Phone 1007, press Transfer to put the PSTN phone 02987200 on hold for consultation From IP phone 1007, place a call to IP Phone 1008 and talk 13 seconds From IP phone 1007 transfer the held call IP Phone 1008 and PSTN number 02987200 talk 16 seconds, then hang 									
Result	Date	Duration Traff	. 🖣 Number	Extensio	n 🛡 Ext. name	♦ Cost ♦ Type					
(available in	06/03/09 14:05:17	00:00:16 Ext.	02987200	1008	Smith John	0.0000 In					
the Call List	06/03/09 14:05:04	00:00:13 Int.	1008	1007	Neeil Mark	0.0000 Out					
Report)	06/03/09 14:05:04	00:00:13 Int.	1007	1008	Smith John	0.0000 In					
	06/03/09 14:04:44	00:00:33 Ext.	02987200	1007	Neeil Mark	0.0000 In					
Observations	conver - 2 reco conver - Call fro	om 02987200 rsation time - rds for the ca rsation time	to 1007 v the hold all from 100 to 1008 (where the time 07 to 100	e duration is the down of the	luration is the					

3.20 CONFERENCE CALL BETWEEN IP PHONES AND SIP PHONE

Test Case	Details
Description	Conference call between IP phones and SIP phone
Test Setup	Figure 1
Procedure	 From SIP phone 2001 place a call to IP phone 1008 and talk for 10 seconds. From IP phone 1008, press 'Conference' to place the SIP phone 2001 on hold. From IP Phone 1008 place a call to IP Phone 1007 and talk 10 seconds. On phone 1008 press 'Conference' to join all three parties together

	All talk 19Hang upSIP Phor	phone 10	80		7 talk 12 se	conds, then han	g up.
Result	Date	Duration	Traff.	Number	Extension	Ext. name 💠	Cost Type
(available in	06/03/09 14:11:44	00:00:12	Int.	1007	2001	Johnson Tom	0.0000 Out
the Call List	06/03/09 14:11:44	00:00:12	Int.	2001	1007	Neeil Mark	0.00001n
Report)	06/03/09 14:11:25	00:00:19	Int.	1008	2001	Johnson Tom	0.0000 Out
	06/03/09 14:11:25	00:00:19	Int.	2001	1008	Smith John	0.0000 In
	06/03/09 14:11:25	00:00:19	Int.	1007	1008	Smith John	0.0000 Out
	06/03/09 14:11:25	00:00:19	Int.	1008	1007	Neeil Mark	0.0000 In
	06/03/09 14:11:15	00:00:10	Int.	1007	1008	Smith John	0.0000 Out
	06/03/09 14:11:15	00:00:10	Int.	1008	1007	Neeil Mark	0.0000 In
	06/03/09 14:10:57	00:00:27	Int.	1008	2001	Johnson Tom	0.0000 Out
	06/03/09 14:10:57	00:00:27	Int.	2001	1008	Smith John	0.00001n
Observations	conver - Call fro time - 2 coup Confe	om 2001 rsation tion 1008 of received the contraction of the contracti	to 100 me + t to 100 ords (I	08 where he hold tile 07 where highlighte	the duration me the duration d in the figner and call dire	rds: n is the sum of n is the conver ure) showing a ctions are resp	sation Il in

3.21 CONFERENCE CALL BETWEEN IP PHONES AND INCOMING PSTN PHONE

Test Cas	Test Case Details								
Description	Conference call between IP phones and incoming PSTN phone								
Test Setup	Figure 1								
Procedure	 From IP phone 1008 receives a call from PSTN phone 02987200 and talk for 20 seconds. From IP phone 1008, press 'Conference' to place the PSTN phone on hold. From IP Phone 1008 place a call to IP Phone 1007 and talk 8 seconds. On phone 1008 press 'Conference' to join all three parties together All talk 10 seconds in conference. Hang up phone 1008 IP Phone 1007 and PSTN phone 02987200 talk 13 seconds, then hang up. 								

Result	Date \$	Duration	Traff.	Number \$	Extension Capartment Capartment	cost ‡ Type ‡
(available in the Call List	10/03/09 17:18:09	00:00:10	Ext.	02987200	1007	0.0000 In
	10/03/09 17:18:03	00:00:06	Int.	1007	1008	0.0000 Out
Report)	10/03/09 17:18:03	00:00:06	Int.	1008	1007	0.0000 In
	10/03/09 17:18:02	00:00:07	Ext.	02987200	1008	0.0000 In
	10/03/09 17:17:58	00:00:04	Int.	1007	1008	0.0000 Out
	10/03/09 17:17:58	00:00:04	Int.	1008	1007	0.0000 In
	10/03/09 17:17:46	00:00:16	Ext.	02987200	1008	0.0000 In
Observations	convers - Call fror time (10 - 3 record direction	n 02987 ation tir n 1008 second s show ns are re	7200 t me + t to 100 ds) ing all espec	o 1008 wh he hold tim of where the	ne duration is the conve ence for 20 seconds. The 200 to 1008 and 1008	ersation he call

3.22 CONFERENCE CALL BETWEEN IP PHONES AND OUTGOING PSTN PHONE

Test Case	Test Case Details								
Description	Conference call	Conference call between IP phones and outgoing PSTN phone							
Test Setup	Figure 1	igure 1							
Procedure	 From IP phone 1008 place a call to PSTN phone 02987200 and talk for 20 seconds. From IP phone 1008, press 'Conference' to place the PSTN phone on hold. From IP Phone 1008 place a call to IP Phone 1007 and talk 8 seconds. On phone 1008 press 'Conference' to join all three parties together All talk 10 seconds in conference. Hang up phone 1008 IP Phone 1007 and PSTN phone 02987200 talk 13 seconds, then hang up. 								
Result (available in the Call List Report)	Date 06/03/09 16:29:20 06/03/09 16:29:10 06/03/09 16:29:10 06/03/09 16:29:10 06/03/09 16:29:02 06/03/09 16:29:02 06/03/09 16:28:39	Duration 00:00:13 00:00:10 00:00:10 00:00:10 00:00:08 00:00:08 00:00:08	1	Number 02987200 02987200 1007 1008 1007 1008 02987200	1007 1008 1008 1007 1008 1007 1008	Neeil Mark Smith John Smith John Neeil Mark Smith John Neeil Mark Smith John Neeil Mark Smith John	0.0141 Out 0.0108 Out 0.0000 In 0.0000 In 0.0000 In 0.0000 In 0.0036 Out		
Observations	Read the seq			•	where the	e duration is	the sum of the		

 conversation time + the hold time Call from 1008 to 1007 where the duration is the conversation time (10 seconds)
 3 records showing all in Conference for 20 seconds. The call directions are respected, 1008 to 02987200 and 1008 to 1007 Call between 1007 and 02987200

3.23 MULTIPLE CALLS PER LINE (CALL WAITING)

Test Cas	e Details								
Description	Multiple calls per line (Call waiting)								
Test Setup	Figure 1								
Procedure	 Place a call from SIP phone 2001 to an IP phone 1008 Place another call from IP phone 1007 to IP phone 1008 (answer the incoming call, placing the original call on hold) Hangup the current call on IP phone 1008 and resume the call with SIP phone 2001 Hang up. 								
Result	Date	Duration	Traff.	Number	Extension	Ext. name	Cost		
(available in the Call List	06/03/09 15:09:34	00:00:23	Int.	1008	1007	Neeil Mark	0.0000 Out		
	06/03/09 15:09:34	00:00:23	Int.	1007	1008	Smith John	0.0000 In		
Report)	06/03/09 15:09:17	00:00:55	Int.	1008	2001	Johnson Tom	0.0000 Out		
	06/03/09 15:09:17	00:00:55	Int.	2001	1008	Smith John	0.0000In		
Observations	Dbservations Read the sequence bottom up, 2 couple of records: - Call from 2001 to 1008 where the duration is the sum of the conversation time + the hold time - Call from 1007 to 1008 where the duration is the conversation time								

3.24 BARGE, IP PHONE, ORIGINATED CALL

Test Cas	e Details						
Description	Barge, IP Phone, Originated Call						
Test Setup	igure 1						
Procedure	 From IP phone (A) with shared line 1008 place a call to PSTN phone 02987200 and talk 10 seconds From another IP phone (B) with the 1008 shared line, Barge the established call, talk 14 seconds From the target phone of the barge hang up (A) 						

	Talk additional 10 seconds and hang up Phone B								
Result (available in the Call List Report)	Date	Duration	Traff.	Number	Extension	Ext. name	Cost	♦ Type	
	06/03/09 15:16:30	00:00:34	Ext.	02987200	1008	Smith John	0.036	58 Out	
	A single recor where the dur conversation	ation of	34 se	conds is	the sum	of the Phone	: A	200	

3.25 BARGE, IP PHONE, TERMINATED CALL

Test Case	Test Case Details									
Description	Barge, IP Phone, Terminated C	Barge, IP Phone, Terminated Call								
Test Setup	Figure 1	igure 1								
Procedure	 IP phone (A) with shared line 1008 receives a call from PSTN phone 02987200 and talk 10 seconds From another IP phone (B) with the 1008 shared line, Barge the established call, talk 20 seconds From the target phone of the barge hang up (A) Talk additional 5 seconds and hang up Phone B 									
Result	Date Duration Traff	Date Duration Traff. Number Extension Ext. name Cost Type								
(available in	06/03/09 15:24:17 00:00:11 Ext.	02987200 1008	Smith John	0.0000In						
the Call List Report)	06/03/09 15:23:50	02987200 1008	Smith John	0.0000 In						
Observations	Read the sequence bottor	n up								

3.26 CBARGE, IP PHONE, ORIGINATED CALL

Test Case	Test Case Details							
Description	cBarge, IP Phone, Originated Call							
Test Setup	gure 1							
Procedure	 From IP phone (A) with shared line 1008 place a call to PSTN phone 02987200 and talk 6 seconds From another IP phone (B) with the 1008 shared line, cBarge the established call, talk 13 seconds From the target phone of the barge hang up (A) Talk additional 9 seconds and hang up Phone B 							

Result (available in	Date	Duration	Traff.	Number	Extension		Cost Type	
the Call List	06/03/09 16:46:00	00:00:09	Ext.	02987200	1008	Smith John	0.0098 Out /	
	06/03/09 16:45:47	00:00:13	Ext.	02987200	1008	Smith John	0.0141 Out	
Report)	06/03/09 16:45:47	00:00:13	Int.	1008			0.0000 Out	
	06/03/09 16:45:47	00:00:13	Int.		1008	Smith John	0.0000 In	
	06/03/09 16:45:41	00:00:06	Ext.	02987200	1008	Smith John	0.0065 Out /	
Observations	Read the sequence bottom up: - Call from 1008 to 02987200 where the duration is the conversation time (6 seconds) - 3 records showing all in Conference for 16 seconds. The call directions are respected, 1008 to 02987200 and 1008 to the void number (cBarge bridge) - Call between PhoneB and 02987200 for additional 9 seconds							

3.27 CBARGE, IP PHONE, TERMINATED CALL

Test Cas	se Details							
Description	Barge, IP Phone, Terminated Call							
Test Setup	Figure 1							
Procedure	 IP phone (A) with shared line 1008 receives a call from PSTN phone 02987200 and talk 11 seconds From another IP phone (B) with the 1008 shared line, Barge the established call, talk 20 seconds From the target phone of the barge hang up (A) Talk additional 12 seconds and hang up Phone B 							
Result	Date Duration Traff. Number Extension Ext. name Cost Type Type							
(available in	06/03/09 15:42:59							
the Call List	06/03/09 15:42:34							
Report)	06/03/09 15:42:34							
	06/03/09 15:42:34 00:00:25 Int. 1008 Smith John 0.0000 In							
	06/03/09 15:42:23							
Observations	Proceed the sequence bottom up: - Call from 02987200 to 1008 where the duration is the conversation time (11 seconds) - 3 records showing all in Conference for 25 seconds (highlighted). The call directions are respected, 02987200 to 1008 and 1008 to the void number (cBarge bridge) - Call from 02987200 to 1008 where the duration is the conversation time (12 seconds)							

3.28 EXTENSION MOBILITY

Test Cas	Test Case Details								
Description	Extension Mobility								
Test Setup	Figure 1								
Procedure	 From IP Phone A log onto extension mobility: username psdtuser password 123456 IP Phone A takes number 1008 Make a call from IP Phone A to PSTN Phone 02987200 								
Result (available in the Call List Report)	Date Duration Traff. Number ₱ Extension Ext. name ₱ Cost ₱ Type ₱ 06/03/09 15:54:38 00:00:05 Ext. 02987200 1008 Smith John 0.0054 Out								
Observations	Correctly reported								

3.29 IP PHONE CALL ROUTES USING FAC CODES AND THE HASH KEY

Test Case	Details							
Description	IP Phone call routes using FAC codes and the hash	P Phone call routes using FAC codes and the hash key						
Test Setup	igure 1							
Procedure	 From IP phone 1008, place a call to the FAC enabled PSTN number 02987200 After the beep insert the FAC code number 8888 following by #, corresponding to the FAC code name "TEST" Talk and after a brief period, hang up. 							
Result (available in the Call List Report)	Public Reports 1-Call Monitor 2-Cost Analysis 3-Group Analysis 4-Department Analysis 5-Cost Center Analysis 6-Report Templates 7-FAC & CMC Analysis FAC level x Extension CMC x Extension	What is the FAC level by What is the CMC by Exter						

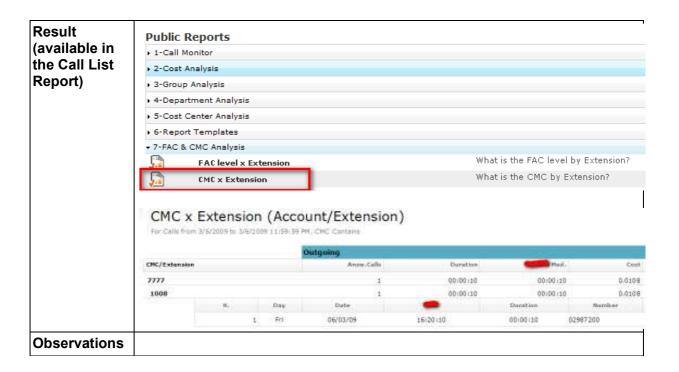
				Outgoing			
	FAC Description/Extension test			Answ. Calls	Duration	Med.	c
				1	00:00:04	00:00:04	0.00
	1008		1	00:00:04	00:00:04	0.00	
		N.	Day	Date	_	Duration	Number
		1	Pri	06/03/09	16:09:35	00:00:04	02987200
Observations							

3.30 CALL WITH AN INCORRECT FAC CODE

Test Case Details	
Description	Call with an incorrect FAC code
Test Setup	Figure 1
Procedure	 From IP phone 1008, place a call to the FAC enabled PSTN number 02987200 After the beep insert the incorrect FAC code number 4312 following by # Call is NOT established
Result (available in the Call List Report)	No call reported
Observations	

3.31 IP PHONE CALL ROUTES USING CMC CODES AND THE HASH KEY

Test Case Details		
Description	IP Phone call routes using CMC codes and the hash key	
Test Setup	Figure 1	
Procedure	 From IP phone 1008, place a call to the CMC enabled PSTN number 02987200 After the beep insert the CMC code number 7777 following by #, corresponding to the CMC code name "CMC TEST" Talk and after a brief period, hang up. 	



3.32 CALL WITH AN INCORRECT CMC CODE

Test Case Details	
Description	Call with an incorrect CMC code
Test Setup	Figure 1
Procedure	 From IP phone 1008, place a call to the CMC enabled PSTN number 02987200 After the beep insert the incorrect CMC code number 4312 following by # Call is NOT established
Result (available in the Call List Report)	No call reported
Observations	