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## SITE INFORMATION

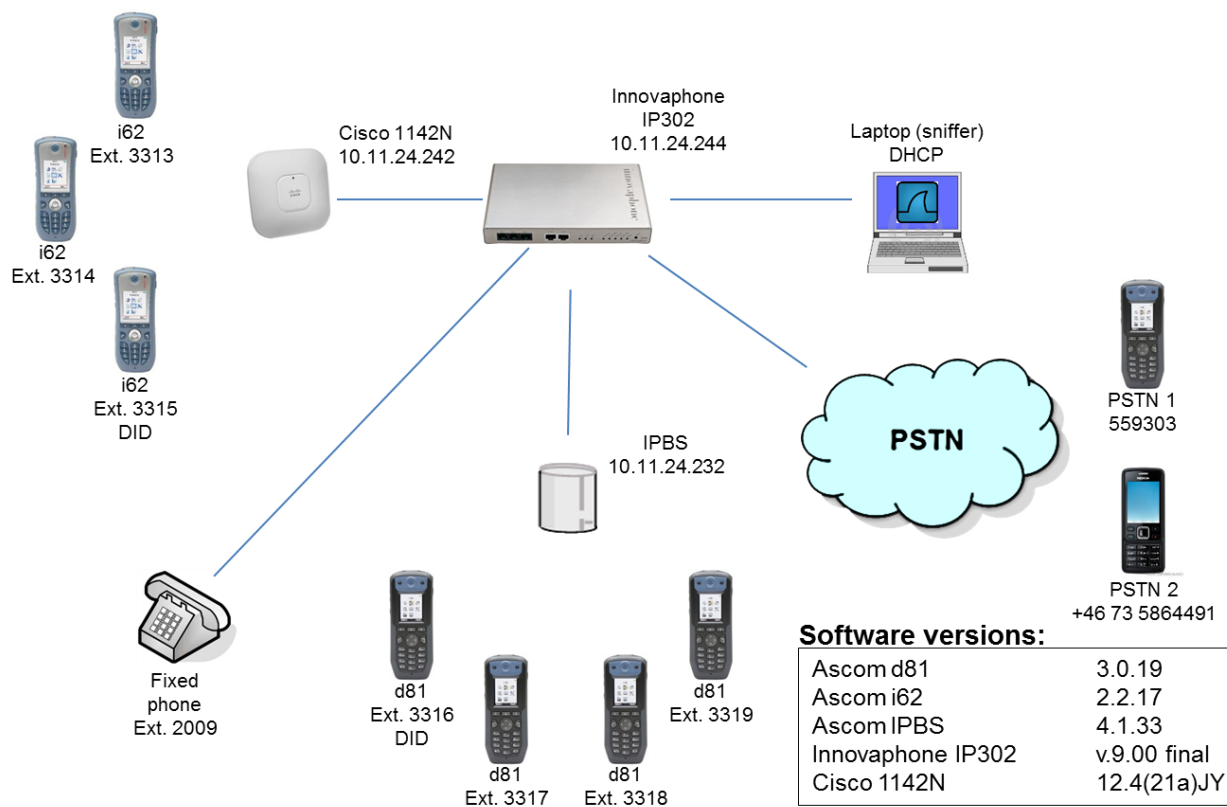
---

Test Site: Ascom-ws HQ  
Gothenburg  
Sweden

Participants:

Roy Tärnberg (Ascom-ws, HQ, SE)

## Test Topology



## SUMMARY

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Innovaphone, version 9

Test cases in nearly all areas with regard to both Ascom platforms passed successfully. Overall, the conclusion has to be that H.323 integration towards IP302 is very good.

Queries about licensing should be directed to Innovaphone.

Please also see "Appendix A: Test Configurations" for further details.

### VoWiFi

High Level Functionality	Result
Basic Call	OK
DTMF	OK
Hold, Retrieve, Enquiry and Brokering	OK
Attended Transfer	OK
Unattended Transfer	OK
Call Forward Unconditional	OK*
Call Forward No Reply	OK*
Call Forward Busy	OK*
Call Waiting	OK
Message Waiting Indication	Not Tested
Do Not Disturb	Not Tested
Calling Line/Name Identification	OK
Connected Line/Name Identification	OK

\*) Requires soft- or hot-key (call diversions can also be configured via the GUI of the Innovaphone IP302)

### IP-DECT

High Level Functionality	Result
Basic Call	OK
DTMF	OK
Hold, Retrieve, Enquiry and Brokering	OK
Attended Transfer	OK
Unattended Transfer	OK
Call Forward Unconditional	OK*
Call Forward No Reply	OK*
Call Forward Busy	OK*
Call Waiting	OK*
Message Waiting Indication	Not Tested
Do Not Disturb	OK*
Calling Line/Name Identification	OK
Connected Line/Name Identification	OK

\*) Supplementary Services enabled

## General Conclusions

Ascom interoperability verification produced, with few exceptions, good results towards Innovaphone IP302, version 9 final.

IP-DECT and VoWiFi handsets were configured to register at the IP PBX using endpoint numbers. The codec of choice for these tests was G.711A/20ms, while DTMF signalling was transmitted through RTP. One can say that, in comparison to SIP, H.323 requires little configuration besides the IP address of the H.323 gatekeeper and abovementioned settings. Parameter settings are elaborated upon in the “Test Results” section for respective platforms later on.

Call waiting (CW), do-not-disturb (DND) and CDIV were tested with supplementary services enabled on the IP-DECT base station (IPBS). The Ascom i62, on the other hand, required special configuration of a hot- or soft-key for the purpose of programming CDIV at the IP PBX. (Please note that soft-key will not be available during call). Practically all test cases regarding basic call, brokering/enquiry, transfer and call diversion (CDIV) passed with positive results. No issues were logged at Ascom HQ for follow-up.

## TEST RESULTS

---

< Brief introduction >

### Ascom IP PBX Integration – VoWiFi

#### Software Versions:

- Innovaphone IP302, v 9 .00 Final
- Cisco Aironet 1142N, v 12.4(21a)JY
- Ascom i62, v 2.2.17

#### Signalling Protocol:

- H.323

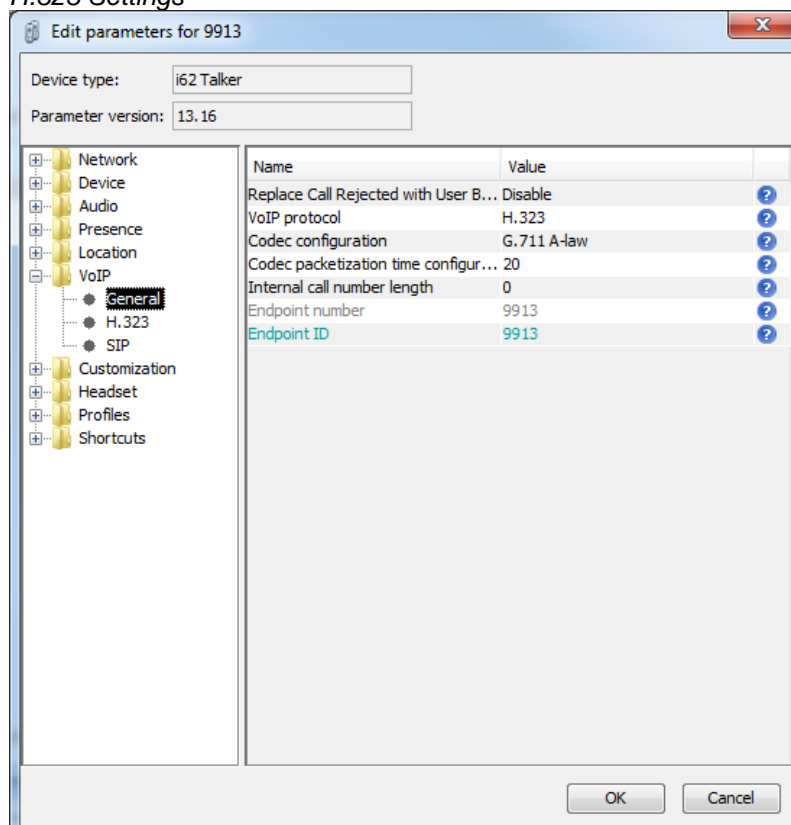
#### Innovaphone IP302:

- Settings are loosely based on " Ascom VoIP Gateway: Installation and Operation Manual" (TD 92326GB), pp. 62-100
- DSCP should be configured appropriately under IP -> Settings

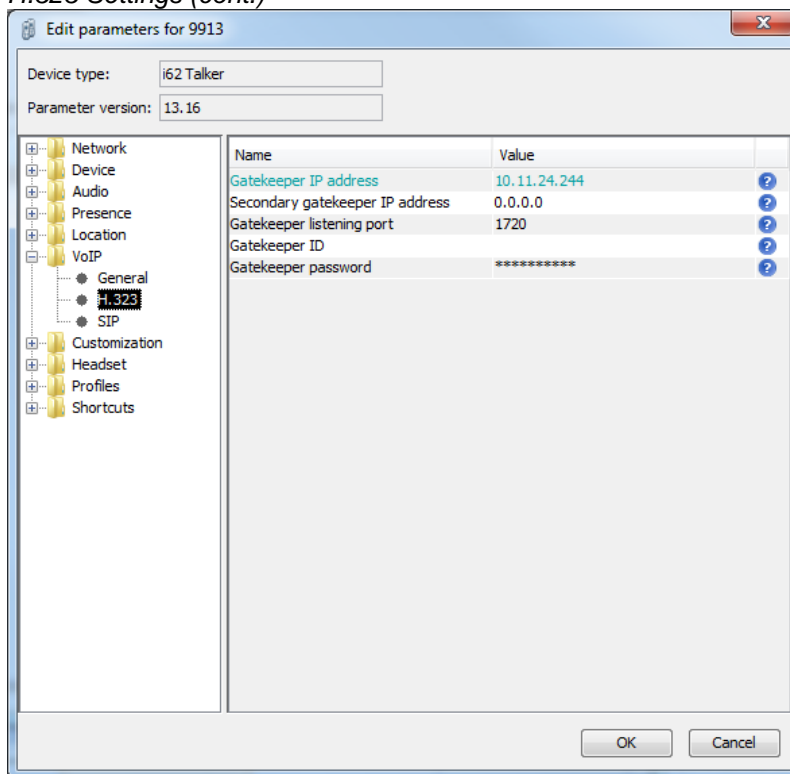
#### Ascom i62:

- "Endpoint ID" and "Endpoint Number" corresponds to name and number in the user object (no password assigned)
- Default H.323 settings except hot-key for call diversions

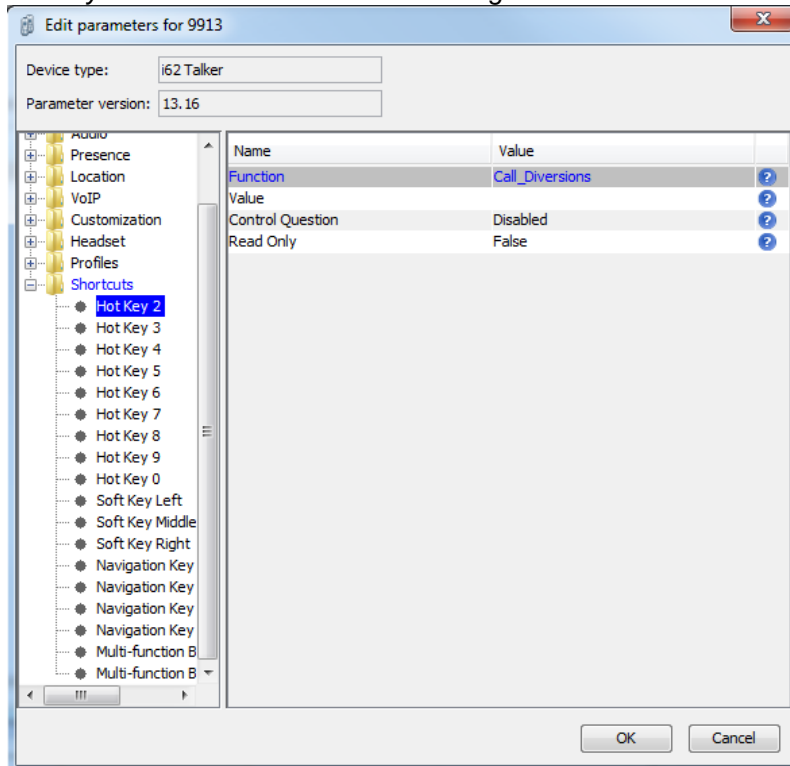
#### H.323 Settings



H.323 Settings (cont.)



Hot-key for Call Diversion/Call Forwarding



Please refer to appendix A for more information regarding device configuration.

*Known Issue(s):*

- No timeout when i62 calls another i62 that does not answer (PBX issue, per design).
- Ascom i62 does not support post-dial (per design)
- Possible to divert call to “diverter” (calling party hears busy, minor issue)



## Test Areas:

Basic Call, DTMF: 94% pass (15/16)

- CNIP/CONP OK, requires IP PBX configuration
- DTMF OK
- Overlap sending (post-dial) not supported by Ascom i62
- i62 ignores i62 NOK (#5102.1), no timeout

Basic Call, Portable Unavailable: 100 % pass (6/6)

- Good results overall

Procedure Mapping: 100% pass (2/2)

- Hot-key used in i62

Three-party Services: 94% pass (30/32)

- CNIP/CONP OK (updated after transfer)
- CLIP/COLP could not be verified properly for PSTN
- CW activated/deactivated in PBX GUI
- Ignored CW on internal call does not give busy(#5120.3)

Call Diversion: 100% pass (10/10)

- Call diversion programmed through i62 hot-key

Telephony Features: N/A

- Limited testing due to lack of 3rd party competence
- Group calls briefly tested with good results
- DND not supported by i62

Please keep in mind that metrics do NOT account for untested cases.

## TEST RESULTS (cont.)

---

### Ascom IP PBX Integration – IP-DECT

#### Software Versions:

- Innovaphone IP302, v 9 .00 final
- Ascom IPBS, v 4.1.33
- Ascom d81, v 3.0.19

#### Signalling Protocol:

- H.323

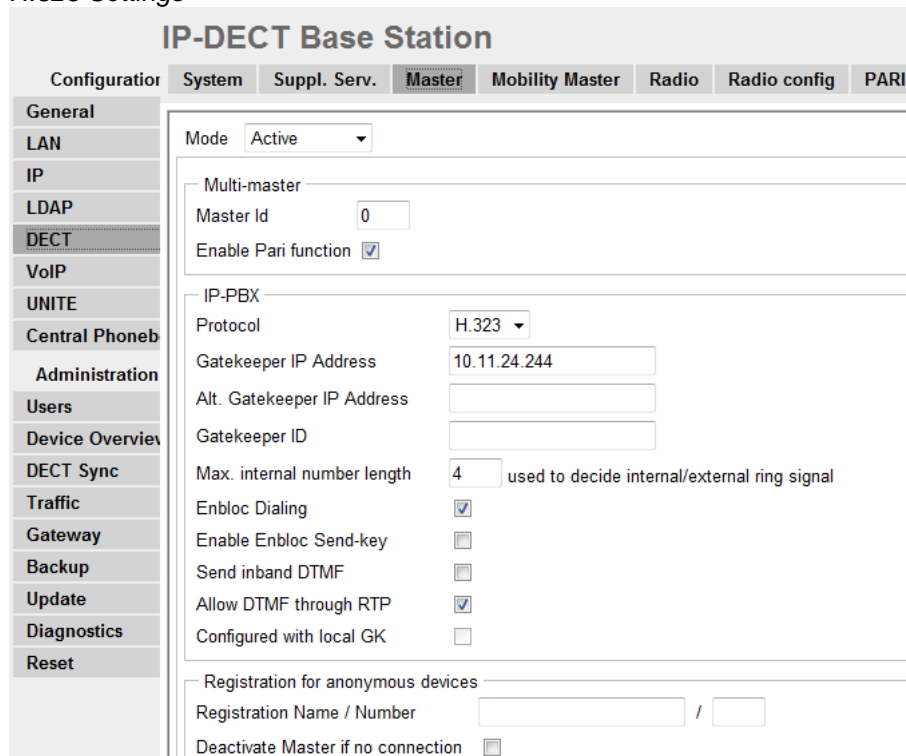
#### Innovaphone IP302:

- Settings are loosely based on "Ascom VoIP Gateway: Installation and Operation Manual" (TD 92326GB), pp. 62-100
- LDAP replication required between IP PBX and IP-DECT master
- DSCP should be configured appropriately under IP -> Settings

#### Ascom IPBS:

- "Endpoint ID" and "Endpoint Number" corresponds to name and number in the user object (no password assigned)
- "Enbloc Dialling" and "Allow DTMF through RTP" enabled

#### H.323 Settings



The screenshot shows the configuration interface for an IP-DECT Base Station, specifically the 'Master' tab. The interface includes a navigation menu on the left with options like General, LAN, IP, LDAP, DECT, VoIP, UNITE, Central Phoneb, Administration, Users, Device Overview, DECT Sync, Traffic, Gateway, Backup, Update, Diagnostics, and Reset. The main configuration area is titled 'IP-DECT Base Station' and contains the following settings:

- Mode:** Active (dropdown)
- Multi-master:**
  - Master Id: 0
  - Enable Pari function:
- IP-PBX:**
  - Protocol: H.323 (dropdown)
  - Gatekeeper IP Address: 10.11.24.244
  - Alt. Gatekeeper IP Address: (empty)
  - Gatekeeper ID: (empty)
  - Max. internal number length: 4 (input) used to decide internal/external ring signal
  - Enbloc Dialling:
  - Enable Enbloc Send-key:
  - Send inband DTMF:
  - Allow DTMF through RTP:
  - Configured with local GK:
- Registration for anonymous devices:**
  - Registration Name / Number: (empty) / (empty)
  - Deactivate Master if no connection:

Codec Settings

## IP-DECT Base Station

Configuration: **System** | Suppl. Serv. | Master | Mobility Master | Radio | Radio config | PA

<b>General</b>	System Name	DECT	
<b>LAN</b>	Password	●●●●●●●●	
<b>IP</b>	Confirm Password	●●●●●●●●	
<b>LDAP</b>	Subscriptions	With System AC ▾	
<b>DECT</b>	Authentication Code	9999	
<b>VoIP</b>	Tones	EUROPE-PBX ▾	
<b>UNITE</b>	Default Language	English ▾	
<b>Central Phonebook</b>	Frequency	Europe ▾	
<b>Administration</b>	Enabled Carriers	0 1 2 3 4 5 6 7 8 9	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Users</b>	Local R-Key Handling	<input checked="" type="checkbox"/>	
<b>Device Overview</b>	No Transfer on Hangup	<input type="checkbox"/>	
<b>DECT Sync</b>	No On-Hold Display	<input type="checkbox"/>	
<b>Traffic</b>	Coder	G711A ▾	Frame (ms) 20 Exclusive <input type="checkbox"/> SC <input type="checkbox"/>
<b>Gateway</b>	Secure RTP	<input type="checkbox"/>	
<b>Backup</b>			
<b>Update</b>			
<b>Diagnostics</b>			

Supplementary Services Activated

## IP-DECT Base Station

Configuration: System | **Suppl. Serv.** | Master | Mobility Master | Radio | Radio config | PARI | SA

<b>General</b>	<input checked="" type="checkbox"/> Enable Supplementary Services			
<b>LAN</b>		<b>Activate</b>	<b>Deactivate</b>	<b>Disable</b>
<b>IP</b>	Call Forwarding Unconditional	*21*\$#	#21#	<input type="checkbox"/>
<b>LDAP</b>	Call Forwarding Busy	*67*\$#	#67#	<input type="checkbox"/>
<b>DECT</b>	Call Forwarding No Reply	*61*\$#	#61#	<input type="checkbox"/>
<b>VoIP</b>	Do Not Disturb	*42#	#42#	<input type="checkbox"/>
<b>UNITE</b>	Call Waiting	*43#	#43#	<input type="checkbox"/>
<b>Central Phonebook</b>	Call Completion Busy Subscriber	5	#37#	<input type="checkbox"/>
<b>Administration</b>	Logout User	#11*\$#		<input type="checkbox"/>
<b>Users</b>	Clear Local Setting	*00#		<input type="checkbox"/>
<b>Device Overview</b>	MWI Mode	Both numbers users dependent ▾		
<b>DECT Sync</b>	Local Clear of MWI	.		
<b>Traffic</b>				
<b>Gateway</b>				
<b>Backup</b>				

LDAP Configuration

## IP-DECT Base Station

**Configuration**

- General
- LAN
- IP
- LDAP
- DECT
- VoIP
- UNITE
- Central Phonebook
- Administration**
- Users
- Device Overview
- DECT Sync
- Traffic

Server
Server-Status
Replicator
Replicator-Status
Exp...

Replication Type

Type

---

Full Replication

Enable

Server

Alt. Server

Filter Type

DECT Gateway Name

User

Password

User Configuration

## IP-DECT Base Station

**Configuration**

- General
- LAN
- IP
- LDAP
- DECT
- VoIP
- UNITE
- Central Phonebook
- Administration**
- Users
- Device Overview
- DECT Sync
- Traffic
- Gateway
- Backup
- Update
- Diagnostics
- Reset

Users

PARK

PARK

3rd pt

Master

Edit User - Windows Internet Explorer

http://10.11.24.232/GW-DECT/mod\_cmd\_login.xml?cmd=show&user-guid=cd240bffe909d3118

User type

User

User Administrator

---

Long Name

Display Name

Name

Number

Auth. Name  (SIP only)

Password

Confirm Password

IPEI / IPDI

Idle Display

Auth. Code

Feature Status

Please refer to appendix A for more information regarding device configuration.

*Known Issue(s):*

- No timeout when DECT calls another DECT that does not answer (PBX issue, per design).
- Internal ring tone after external call is blind-transferred to C, which does not save external number in call list (per IPBS design, minor issue)
- Cannot retrieve call with R2 after CFU programming (Ascom issue, NCR#16460)
- CW indication shown at handset even though it is off-hook (per IPBS design, minor issue)
- Possible to divert call to “diverter” (calling party hears busy, minor issue)

**Test Areas:**

Basic Call, DTMF: 94% pass (15/16)

- CNIP/CONP OK, requires IP PBX configuration
- DTMF OK
- Overlap sending (post-dial) not supported by Ascom d81
- DECT ignores DECT NOK (#5102.1), no timeout

Basic Call, Portable Unavailable: 100 % pass (8/8)

- Good results overall

Procedure Mapping: 0% pass (0/2)

- Feature codes supported through IPBS

Three-party Services: 97% pass (34/35)

- CNIP/CONP OK (updated after transfer)
- CLIP/COLP could not be verified properly for PSTN
- A calling A is treated as any other call (#5121.1)

Call Diversion: 100% pass (10/10)

- Supplementary Services enabled
- Feature codes supported through IPBS

Telephony Features: N/A

- Limited testing due to lack of 3rd party competence
- DND OK, Supplementary Services enabled
- Group calls briefly tested with good results

Please keep in mind that metrics do NOT account for untested cases.

## APPENDIX A: TEST CONFIGURATIONS

---

Innovaphone IP302, version 9

Below one will find screen shots reflecting the management interface and some aspects of setting up the PBX application on the IP302.

General -> info

**IGWP01: innovaphone IP302**

General Interfaces IP4 IP6 Services PBX Gateway Maintenance

Info Admin Compact-Flash License Kerberos Certificates

Version	9.00 final IP302[90800.00], Bootcode[9080000], Hardware[101]
SerialNo	00-90-33-1e-02-fd (20)
DRAM	16 MB
FLASH	8 MB
Coder	4 Channels of G.711,G.728,G.729,G.723
Conference	2 Channels
HDLC	2 Channels
Sync	BRI1-L1
SNTP Server	0.0.0.0
Time	**,**,** **,**
Uptime	0d 0h 12m 36s
Test License	99 Hours remaining! <a href="#">Click here to extend</a>

IP->Settings: DSCP markings used for signalling and RTP

**IGWP01: innovaphone IP302**

General Interfaces **IP4** IP6 Services PBX Gateway Maintenance

General ETH0 ETH1 PPP NAT

**Settings**  
Routing

TOS Priority - RTP Data  0xb8

TOS Priority - Signaling  0x68

First UDP-RTP Port  Number of Ports  First/Last 16384 / 32767

First UDP-NAT Port  Number of Ports  First/Last 0 / 0

— Local Networks —

Address	Mask
<input type="text"/>	<input type="text"/>

— Private Networks —

Address	Mask
<input type="text"/>	<input type="text"/>

LDAP-> Server: Read-write account "ipdect" used for replication

IGWP01: innovaphone IP302

General Interfaces IP4 IP6 **Services** PBX Gateway Maintenance

HTTP NTP Sync Update Logging **LDAP** SNMP Telnet DNS

Server  
 Srv-Status  
 Replicator  
 Rep-Status  
 Expert

User	Password	Write Access
ldap-guest	•••••	<input type="checkbox"/>
ipdect	•••••	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

— Allowed networks —

Address	Mask	Force TLS
		<input type="checkbox"/>

LDAP->Server-Status: Successful LDAP replication

IGWP01: innovaphone IP302

General Interfaces IP4 IP6 **Services** PBX Gateway Maintenance

HTTP NTP Sync Update Logging **LDAP** SNMP Telnet DNS

Server  
 Srv-Status  
 Replicator  
 Rep-Status  
 Expert

connections	1
write connections	1
rx search	16
rx modify	0
rx add	0
rx del	0
rx abandon	0
tx notify	0
tx error	0
tx error 49	0 (Invalid Credentials)
tx error 50	0 (Insufficient Access Rights)



PBX->General: General Settings

IGWP01: innovaphone IP302



General Interfaces IP4 IP6 Services **PBX** Gateway Maintenance

**Config** Objects Registrations Calls SOAP Dyn-PBXs

General  
Security  
Filter  
myPBX  
Import  
Export

PBX Mode

---

System Name  Use as Domain

PBX Name

Unknown Registrations  - With Admin Pwd only

Music On Hold URL

External Music On Hold

Response Timeout

Dial Complete Timeout

No of Regs w/o Pwd.

Recall Timeout

Max Call Duration (h)

Enable External Transfer

No CLIR on internal calls

RTP Proxy

Generate CDRs

Route Root-Node External Calls to  on Master or Slave with License Only

Route PBX-Node External Calls to

Route Internal Calls to

Escape Dialtone from

Prefix for Intl/Ntl/Subscriber

Log Calls

PBX->Objects: PBX objects added to PBX application

### IGWP01: innovaphone IP302

General Interfaces IP4 IP6 Services **PBX** Gateway Maintena

Config **Objects** Registrations Calls SOAP Dyn-PBXs

User new  
  
show

Long Name	Name	No	HW-ID	Node	PBX	Filter
DECT				root	.	
EXTERN	EXTERN		EXTERN	root	.	normal
FE	9990	9990	9990	root	.	
Test 00	2000	2000	2000	root	.	normal
Test 01	2001	2001	2001	root	.	normal
Test 02	2002	2002	2002	root	.	normal
Test 03	2003	2003	2003	root	.	normal
Test 04	2004	2004	2004	root	.	normal
Test 05	2005	2005	2005	root	.	normal
Test 06	2006	2006	2006	root	.	normal
Test 07	2007	2007	2007	root	.	normal
Test 08	2008	2008	2008	root	.	normal
Test 09	2009	2009	2009	root	.	normal
Test 12	9912	9912	9912	root	.	normal
Test 13	9913	9913	9913	root	.	normal
Test 14	9914	9914	9914	root	.	normal
Test 15	9915	9915	9915	root	.	normal
Test 16	9916	9916	9916	root	.	

PBX->Objects: Adding a new DECT system

Dect System - Windows Internet Explorer

http://10.11.24.244/PBX0/ADMIN/mod\_cmd\_login.xml?cmd=show&loc=\*&filter=:

**General**

Long Name

Critical

PBX

OK Apply Cancel Help

Internet | Protected Mode: On 100%

PBX->Objects: Adding a new user object

The screenshot shows a web browser window titled 'Edit User - Windows Internet Explorer' with the URL `http://10.11.24.244/PBX0/ADMIN/mod_cmd_login.xml?cmd=show&user-guid=cd240bffe909d3118e570090331e02fd`. The interface has three tabs: 'General', 'User', and 'DECT'. The 'General' tab is active and contains the following fields:

- Description:
- Hide from LDAP:
- Long Name:  Display Name:
- Name:  Number:  Critical:
- Password:  retype Password:
- Node:  Local:
- PBX:
- Send Number:  URL:
- Group Indications:
- Config Template:

Below the 'General' tab is a 'Devices' section with a table:

Hardware Id	Name	Admin Pwd
<input type="text" value="9916"/>	<input type="text"/>	<input type="checkbox"/>
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

At the bottom of the form are buttons: OK, Apply, Delete, Cancel, and Help.

PBX->Objects: Linking a user object to DECT system (IP-DECT only)

The screenshot shows the same 'Edit User' web browser window, but with the 'DECT' tab selected. The 'General' and 'User' tabs are visible but inactive. The 'DECT' tab contains the following fields:

- Gateway:
- IPEI:
- Idle Display:
- AC:

At the bottom of the form are buttons: OK, Apply, Delete, Cancel, and Help.

PBX->Objects: Adding a gateway object ("EXTERN")

Gateway->GK: Binding an interface to the gateway object ("EXTERN")

IGWP01: innovaphone IP302

General Interfaces IP4 IP6 Services PBX **Gateway** Maintenance

General Interfaces SIP **GK** Routes CDR0 CDR1 Calls

Interface	CGPN-In	CDPN-In	CGPN-Out	CDPN-Out	Alias	Registration	Product
GW1		+					
GW2		+					
GW3		+					
GW4		+					
GW5		+					
GW6		+					
GW7		+					
GW8		+					
GW9		+					
GW10		+					
GW11		+					
GW12	EXTERN	+					EXTERN → 127.0.0.1

### Gateway->GK: Registering the gateway in H.323

Name

Disable

Protocol

Mode

Address

Address  (alternate)

Gatekeeper Identifier

Local Signaling Port

---

Authorization

Password  Retype

---

Alias List

Name	Number
<input type="text" value="EXTERN"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

---

Media Properties

General Coder Preference  Framesize [ms]  Silence Compression  Exclusive

Local Network Coder  Framesize [ms]  Silence Compression

Enable T.38  Enable SRTP  No DTMF Detection  Enable PCM  Media-Relay

Record to (URL)

---

H.323 Interop Tweaks

No Faststart  No H.245 Tunneling

Suppress HLC  Suppress FTY  Suppress Subaddr

### PBX->Registrations: Overview of H.323 registrations

IGWP01: innovaphone IP302

General Interfaces IP4 IP6 Services **PBX** Gateway Maintenance

Config Objects **Registrations** Calls SOAP Dyn-PBXs

Address	Long Name	Name	No	Device	Product	Firmware	Uptime
127.0.0.1	H323	EXTERN	EXTERN	EXTERN	innovaphone IP302:IGWP01	9.00 final [90600.00/9060000/101]	0d 0h 37m 20s
127.0.0.1	H323	Test 09	2009	20092009	innovaphone IP302:IGWP01	9.00 final [90600.00/9060000/101]	0d 0h 37m 20s
10.11.24.158	H323	Test 13	9913	99139913	Ascom i62	Ascom i62 2.2.17 (2011-03-30) release	0d 0h 0m 0s
10.11.24.157	H323	Test 14	9914	99149914	Ascom i62	Ascom i62 2.2.17 (2011-03-30) release	0d 0h 0m 11s
10.11.24.154	H323	Test 15	9915	99159915	Ascom i62	Ascom i62 2.2.17 (2011-03-30) dev	0d 0h 0m 5s

Gateway->Routes: Routing of incoming and outgoing calls

### IGWP01: innovaphone IP302

General Interfaces IP4 IP6 Services PBX Gateway Maintenance

General Interfaces SIP GK Routes CDR0 CDR1 Calls

From	To	Counter	CGPN	Maps
BRI1	03155 →	GW12:EXTERN	i	→
GW12:EXTERN	→	BRI1	i	→ PBX to EXTERN
TEL1:tel1	→	RAB1:tel1		→
RAB1:tel1	→	TEL1:tel1		→

PBX->Registrations: Calling and called party number formats for incoming and outgoing calls

### IGWP01: innovaphone IP302

General Interfaces IP4 IP6 Services PBX Gateway Maintenance

General Interfaces SIP GK Routes CDR0 CDR1 Calls

Interface	CGPN-In	CDPN-In	CGPN-Out	CDPN-Out	State	Alias	Registration
TEL1	tel1				Up	2009:2009 →	127.0.0.1
TEL2					Up		
BRI1	n→0 i→00		9916→031559916 9915→031559915		Up		
TEST							
TONE							
HTTP							
ECHO							

< IP302 Configuration file >

## Ascom i62

### System => <A|B|C|D>

- DHCP mode: Enable
- 802.11 protocol: 802.11a/n
- SSID: <ssid>
- Security mode: WPA-PSK & WPA2-PSK
- Voice Power Save Mode: U-APSD
- 802.11a/n Channels: All
- World Mode Regulatory Domain: World Mode (802.11d)
- IP DSCP for VOICE: 0x2E (46) – Expedited Forwarding
- IP DSCP for SIGNALLING: 0x1A (26) - Assured Forwarding 31

### Device => General

- Time Zone: Western European Time (GMT)
- Shared Phone License: No

### Audio => General

- Dialling Tones Pattern: <country>

### VoIP => General

- VoIP Protocol: H323
- Codec Configuration: G711A
- Codec Packetization Time Configuration: 20ms
- Internal call number length: 0 (default: uses length of endpoint number)
- Endpoint Number: <extension>
- Endpoint ID: <extension>

### VoIP => H323

- Gatekeeper IP Address: <ip>
- Secondary Gatekeeper IP Address: <n/a>
- Gatekeeper Listening Port: 1720
- Gatekeeper ID: <n/a>
- Gatekeeper Password: <n/a>

### Shortcut => Hot Key 2

- Name: Div
- Function: Call\_Diversions

### < I62 Template file >

## Ascom IPBS

```

vars check s7f04e252346efa309e1bbaa8a4f271567a41a194a38f7a6b274a1a7d4f18a6ef
# 9.00 final IP302[90600.00], Bootcode[9060000], Hardware[101]
# IP302-1e-02-fd
#
config change FLASHMAN0
config change VARS
config change SNMP0
config change LOG0
config change LOG0 FAULT
config change LOG0 CNT
config change CDR0
config change CDR1
config change CPU
config change CFLASH
config change CFLASH
config change CF0
config change TEL1-L1
config change TEL1-L1
config change TEL1-L1
config change TEL1-L1
config change TEL3-L1
config change TEL3-L1
config change TEL2-L1
config change TEL2-L1
config change TEL2-L1
config change TEL2-L1
config change TEL4-L1
config change TEL4-L1
config change TEL5-L1
config change TEL7-L1
config change TEL6-L1
config change TEL8-L1
config change TEL1
config change TEL2
config change TEL3
config change TEL4
config change TEL5
config change TEL6
config change TEL7
config change TEL8
config change BRI1-L1 /log on
config change BRI1-L1 /log on
config change BRI1-L1 /log on
config change BRI2-L1
config change BRI2-L1
config change BRI1-L2
config change BRI2-L2
config change BRI1 /prot EDSS1 /tei 0
config change BRI2
config change AC-DSP0
config change AC-DSP1
config change ETH0
config change ETH1
config change ETH1
config change RSTP
config change PPPOE0
config change PPPOE1
config change PPTP
config change IP0 /ip-trace /priority-tos 0xb8 /priority-tos1 0x68
config change IP0 ETH0 /addr 10.11.24.244 /mask 255.255.255.0
config change IP0 ETH1 /addr 192.168.1.1 /mask 255.255.255.0
config change IP0 PPP0 [ /name Admin-PPP /local ,admin,ip800 /remote ,,192.168.0.253 /listen /port PPP:
config change IP0 PPP1
config change IP0 PPP2
config change IP0 PPP3
config change IP0 PPP4
config change IP0 PPP5
config change IP0 PPP6

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config change IP0 PPP7
config change IP0 PPP8
config change IP0 PPP9
config change IP0 PPP10
config change IP0 PPP11
config change IP0 PPP12
config change IP0 PPP13
config change IP0 PPP14
config change IP0 PPP15
config change IP0 PPP16
config change IP0 PPP17
config change IP0 PPP18
config change IP0 PPP19
config change IP0 PPP20
config change IP0 PPP21
config change IP0 PPP22
config change IP0 PPP23
config change IP0 PPP24
config change IP0 PPP25
config change IP0 PPP26
config change IP0 PPP27
config change IP0 PPP28
config change IP0 PPP29
config change IP0 PPP30
config change IP0 PPP31
config change IP0 RT0
config change IP0 RT1
config change IP0 RT2
config change IP0 RT3 /net 192.168.0.254 /mask 255.255.255.255 /if local
config change ENET1X0
config change ENET1X1
config change NAT0
config change NAT0 H323NAT0
config change DNS0
config change IP6
config change IP6 ETH0
config change IP6 ETH1
config change IP6 6TO4-00
config change IP6 6TO4-01
config change IP6 6TO4-02
config change IP6 6TO4-03
config change IP6 6TO4-04
config change IP6 6TO4-05
config change IP6 6TO4-06
config change IP6 6TO4-07
config change KEYGEN
config change X509
config change TLS_CIPHER0
config change TLS0
config change CMD0 /name IGWP01
config change PCAP /enable on
config change HTTPCLIENT0
config change WEBDAV0
config change HTTP0 /port 80 /https-port 443
config change TELNET0
config change PING0
config change WEBMEDIA
config change WEBFAX
config change MEDIA-FWD
config change MEDIA
config change NTP0 /interval 10 /offset CET-1CEST-2,M3.5.0/2,M10.5.0/3
config change SYNC
config change DHCP0 /mode server /probe-addr arp /vendor-wait 8 /lease-time 60 /check-time 1 /offer
,255.255.255.0,10.11.24.1,10.11.24.100,,,,,,,,,,,,,,,,,,,,,,,,,,,,,ascom-ws.com /pool-cfg 10.11.24.150:10.11.24.199
config change DHCP1 /mode off
config change FLASHDIR0
config change LDAPSRV0
config change LDAPDIR0
config change LDAPREP0
config change KERBEROS
config change KDB0
config change H323
config change SIP /pcap on

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config change TSIP /pcap on
config change SIPS
config change TEST
config change TONE
config change HTTP
config change ECHO
config change SIG0
config change SIG1
config change FAX
config change CONF
config change SMTP0
config change UP0
config change UP1
config change LICENSE
config change CX0
config change SETUP
config change RELAY0 /cdr-mode all /log on /log-route on
config change RELAY0 FTY
config change RELAY0 RELAY-SIP
config change RELAY0 RELAY-TSIP
config change RELAY0 RELAY-SIPS
config change RELAY0 TEL1 /name tel1 /tones 7 /coder G711A,20, /lcoder G711A,20, /reg H323 /reg.addr 127.0.0.1 /reg.alias
2009:2009
config change RELAY0 TEL2
config change RELAY0 TEL3
config change RELAY0 TEL4
config change RELAY0 TEL5
config change RELAY0 TEL6
config change RELAY0 TEL7
config change RELAY0 TEL8
config change RELAY0 BRI1 /cgpn-in n->0 i->00 /cgpn-out 9916->031559916 9915->031559915
config change RELAY0 BRI2
config change RELAY0 TEST
config change RELAY0 TONE
config change RELAY0 HTTP
config change RELAY0 ECHO
config change RELAY0 SIG0
config change RELAY0 SIG1
config change RELAY0 FAX
config change RELAY0 CONF
config change RELAY0 SIP1
config change RELAY0 SIP2
config change RELAY0 SIP3
config change RELAY0 SIP4
config change RELAY0 GW1
config change RELAY0 GW2
config change RELAY0 GW3
config change RELAY0 GW4
config change RELAY0 GW5
config change RELAY0 GW6
config change RELAY0 GW7
config change RELAY0 GW8
config change RELAY0 GW9
config change RELAY0 GW10
config change RELAY0 GW11
config change RELAY0 GW12 /name EXTERN /prot H323 /type gk-gw /addr 127.0.0.1 /coder G711A,20, /lcoder G711A,20, /alias
:EXTERN
config change RELAY0 RT1 /from BRI1 /to TEST 03155->:,,,GW12,i,,
config change RELAY0 RT2 /from GW12 /to TEST ->:,,,PBX+to+EXTERN,BRI1,i,,
config change RELAY0 RT3
config change RELAY0 RT4
config change RELAY0 RT5
config change RELAY0 RT6
config change RELAY0 RT7
config change RELAY0 RT8
config change RELAY0 RT9
config change RELAY0 RT10
config change RELAY0 RT11
config change RELAY0 RT12
config change RELAY0 RT13
config change RELAY0 RT14
config change RELAY0 RT15
config change RELAY0 RT16

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config change RELAY0 RT17
config change RELAY0 RT18
config change RELAY0 RT19
config change RELAY0 RT20
config change RELAY0 RT21
config change RELAY0 RT22
config change RELAY0 RT23
config change RELAY0 RT24
config change RELAY0 RT25
config change RELAY0 RT26
config change RELAY0 RT27
config change RELAY0 RT28
config change RELAY0 RT29
config change RELAY0 RT30
config change RELAY0 RT31
config change RELAY0 RT32
config change RELAY0 REG
config change PBX0 /mode master /gk-id PBX0 /loc . /cfnr 20 /incomplete 4 /access 1 /recall 20 /ext-xfer /extern EXTERN /extern-
node EXTERN /log /rep-slave off
config change PBX0 /mode master /gk-id PBX0 /loc . /cfnr 20 /incomplete 4 /access 1 /recall 20 /ext-xfer /extern EXTERN /extern-
node EXTERN /log /rep-slave off
config change PBX0 PBX-SIP
config change PBX0 PBX-TSIP
config change PBX0 PBX-SIPS
config change PBX0 ADMIN
config change PBX0 PHONE
config change PBX0 MY
vars del
vars create CMD0/AUTH pc s33d3c346cbe295ab809b5b1bd061022e6226dffad117337b9b6b00f9e82ed0f
vars create CPU/TESTLIC p 1
vars create DHCP0/LAST-LEASE p 192.168.10.120,255.255.255.0,,,192.168.10.100,,,,,,,,,,,,,,,,,,,,,0.0.0.0
vars create DHCP0/LEASE/101 pb 000000000a0b1898070100013e117a07
vars create DHCP0/LEASE/102 pb 000000000a0b1897070100013e117a33
vars create DHCP0/LEASE/103 pb 000000000a0b1899070100013e1177f1
vars create DHCP0/LEASE/104 pb 000000000a0b189a070100013e11b3d2
vars create DHCP0/LEASE/106 pb 000000000a0b189b070168b599ec2549
vars create DHCP0/LEASE/107 pb 000000000a0b189c0701000e7b08241b
vars create DHCP0/LEASE/108 pb 000000000a0b189d070100013e11b460
vars create DHCP0/LEASE/109 pb 000000000a0b189e070100013e11b43b
vars create DHCP0/LEASE/110 pb 000000000a0b189f070138e7d812bbff
vars create DHCP0/LEASE/111 pb 000000000a0b18a00701000ce604fa60
vars create DHCP0/LEASE/113 pb 000000000a0b18a1070168b599e7496d
vars create DHCP0/LEASE/114 pb 000000000a0b18a2070100013e11b527
vars create DHCP0/LEASE/115 pb 000000000a0b18a3070100013e11b405
vars create DHCP0/LEASE/116 pb 000000000a0b18a4070100013e11b430
vars create DHCP0/LEASE/117 pb 000000000a0b18a5070100013e11b52a
vars create DHCP0/LEASE/118 pb 000000000a0b18a6070100013e11b4ed
vars create DHCP0/LEASE/119 pb 000000000a0b18a7070100013e11b465
vars create DHCP0/LEASE/99 pb 000000000a0b1896070100013e11b4c3
vars create LDAPPREP0/AUTH pc
vars create LDAPSRV0/AUTH pc
s827865234a71fcab91ba961ab95a81729e9ee564ab1ecdca93f1531891427fbdebb3c37690ace8fb03acc005dc460c60
vars create LICENSE/GW-DECT/00000 p Multicell=255,test-00-90-33-1e-02-
fd/10025777774,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):f0dd-0623-4db6-60b7
vars create LICENSE/PBX0/00000 p Registrations=2,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):53c7-93f1-0979-187c
vars create LICENSE/PBX0/00001 p Registrations=100,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):dee3-14e5-b9f7-0626
vars create LICENSE/PBX0/00002 p Registrations=200,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):6935-96aa-1e54-18dc
vars create LICENSE/PBX0/00003 p Registrations=400,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):5a91-acef-64ba-7a62
vars create LICENSE/PBX0/00004 p Registrations=500,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):0576-a20d-4eaa-5bfa
vars create LICENSE/PBX0/00005 p Registrations=800,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):0def-1146-f12e-786a
vars create LICENSE/PBX0/00006 p Registrations=1600,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):350b-355c-541a-8c20
vars create LICENSE/PBX0/00007 p Registrations=6400,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):d0e2-7e51-3fbc-479c
vars create LICENSE/PBX0/00008 p PBX7#2=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):5e90-4a1a-8648-5a73

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vars create LICENSE/PBX0/00009 p PBX7#15=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):bbb1-d819-5d16-44a5
vars create LICENSE/PBX0/00010 p PBX7#30=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):ccf9-6dac-25bc-d233
vars create LICENSE/PBX0/00011 p PBX7#60=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):f85f-f744-81f6-32b7
vars create LICENSE/PBX0/00012 p PBX7#130=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):172f-5fb5-bd7b-42f0
vars create LICENSE/PBX0/00013 p PBX7#250=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):cb14-6f1b-8e9e-40ad
vars create LICENSE/PBX0/00014 p PBX7#500=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):c67a-769e-b71a-777b
vars create LICENSE/PBX0/00015 p PBX7#750=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):2bb1-5a69-3795-b822
vars create LICENSE/PBX0/00016 p PBX7#1000=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):274b-eb4f-a724-3308
vars create LICENSE/PBX0/00017 p PBX7#1250=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):0829-9f03-60ec-8fcf
vars create LICENSE/PBX0/00018 p PBX7#1500=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):cc55-7c05-23f8-84de
vars create LICENSE/PBX0/00019 p PBX7#2000=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):2bde-fabc-ca9d-a798
vars create LICENSE/PBX0/00020 p PBX7#90=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):b2aa-83cc-113f-65e3
vars create LICENSE/PBX0/00021 p PBX7#45=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):e63f-dd21-6be0-76bf
vars create LICENSE/PBX0/00022 p PBX7#190=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):8d51-cf6d-6288-ce87
vars create LICENSE/PBX0/00023 p Operators=50,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):c002-37a7-e888-e190
vars create LICENSE/PBX0/00024 p SoftwarePhones=50,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):a306-3e07-c2a6-5d83
vars create LICENSE/PBX0/00025 p Voicemail#15=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):4efa-ad99-f651-413b
vars create LICENSE/PBX0/00026 p Voicemail#30=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):c41e-34bf-6f92-c265
vars create LICENSE/PBX0/00027 p Voicemail#60=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):e165-bd2d-ad2f-6cd0
vars create LICENSE/PBX0/00028 p Voicemail#90=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):d163-10a0-fb3f-75f4
vars create LICENSE/PBX0/00029 p Voicemail#130=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):edea-3af1-8234-ce0d
vars create LICENSE/PBX0/00030 p Voicemail#250=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):847b-0ea9-acc1-4cf0
vars create LICENSE/PBX0/00031 p Voicemail#500=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):e650-f9cc-4815-1e63
vars create LICENSE/PBX0/00032 p Voicemail#750=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):ce6c-52f9-0c25-1041
vars create LICENSE/PBX0/00033 p Voicemail#1000=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):2c09-7950-8886-c9f1
vars create LICENSE/PBX0/00034 p Voicemail#1250=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):e1d3-58ca-a8c1-2418
vars create LICENSE/PBX0/00035 p Voicemail#1500=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):ed03-dd17-0ff6-6931
vars create LICENSE/PBX0/00036 p Voicemail#2000=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):5013-a96f-8db4-b7d2
vars create LICENSE/PBX0/00037 p Voicemail#45=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):f392-c535-7314-61db
vars create LICENSE/PBX0/00038 p Voicemail#190=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):3203-6088-12e6-883d
vars create LICENSE/PBX0/00039 p Standby#2=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):5272-6be8-6ad5-f94f
vars create LICENSE/PBX0/00040 p Standby#15=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):a1d0-cf76-56a8-3f86
vars create LICENSE/PBX0/00041 p Standby#30=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):0d2a-1418-e342-19c9
vars create LICENSE/PBX0/00042 p Standby#60=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):c3e8-5691-e239-8439
vars create LICENSE/PBX0/00043 p Standby#130=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):80c5-ffd8-164c-f989
vars create LICENSE/PBX0/00044 p Standby#250=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):c570-88b9-e4d4-776e

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vars create LICENSE/PBX0/00045 p Standby#500=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):79d5-d880-3760-0b76
vars create LICENSE/PBX0/00046 p Standby#750=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):d407-f78c-0071-75b7
vars create LICENSE/PBX0/00047 p Standby#1000=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):aff0-2291-19c5-01e8
vars create LICENSE/PBX0/00048 p Standby#1250=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):219b-1695-6ba3-13c1
vars create LICENSE/PBX0/00049 p Standby#1500=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):68a9-ae86-1966-c5ab
vars create LICENSE/PBX0/00050 p Standby#2000=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):1d1d-f1ff-b5d9-3764
vars create LICENSE/PBX0/00051 p Standby#90=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):c621-c8c8-9bcf-d082
vars create LICENSE/PBX0/00052 p Standby#45=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):bb92-20e5-0b71-9a48
vars create LICENSE/PBX0/00053 p Standby#190=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):b638-2a0a-871a-83ee
vars create LICENSE/RELAY0/00000 p Gateway=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):77aa-9a31-2baf-31f6
vars create LICENSE/RELAY0/00001 p BRIs=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):7317-148e-61b7-b876
vars create LICENSE/RELAY0/00002 p BRIs=2,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):03ee-596e-87af-e95c
vars create LICENSE/RELAY0/00003 p BRIs=4,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):c87b-e0e6-95b1-b17f
vars create LICENSE/RELAY0/00004 p PRIs=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):252f-f20c-02e7-f388
vars create LICENSE/RELAY0/00005 p PRIs=2,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):0304-0948-4584-2df8
vars create LICENSE/RELAY0/00006 p PRIs=4,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):1287-31c9-5cc6-49cf
vars create LICENSE/RELAY0/00007 p Channels=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):1cef-03cf-ba89-4e13
vars create LICENSE/RELAY0/00008 p Channels=2,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):d40b-c89f-7b51-436f
vars create LICENSE/RELAY0/00009 p Channels=4,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):29da-542a-1dc3-4283
vars create LICENSE/RELAY0/00010 p Channels=8,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):08c0-5fb4-ff8f-44c6
vars create LICENSE/RELAY0/00011 p Channels=16,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):bc73-0bde-aa6d-95f0
vars create LICENSE/RELAY0/00012 p Channels=32,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):fad0-f097-3bca-0385
vars create LICENSE/RELAY0/00013 p ABs=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):9230-787f-664f-6713
vars create LICENSE/RELAY0/00014 p ABs=2,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):8e90-4cd0-8482-f8ac
vars create LICENSE/RELAY0/00015 p ABs=3,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):cfdc-9be2-4ebb-3ba1
vars create LICENSE/RELAY0/00016 p ABs=4,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):2195-6b4d-3d09-2ece
vars create LICENSE/RELAY0/00017 p Gatekeeper7=1,test-00-90-33-1e-02-
fd,999999,Test+License+for+Project+INTOP+(Ascom+Sweden+AB):5cd4-ebd8-80d5-4a02
vars create PBX0/KEY pbc s7e95adea0a81c507970638d41d3981c973da6b9ff0650bc7f152fa392eba0b53
vars create PBX0/PWD pc sfad3cf3a33f9fa8c103ee536b1269f9faabdd1ecfd9a3511bb5abf24a187d72a
vars create PPP0/LOCAL-AUTH pc
vars create PPP0/REMOTE-AUTH pc
vars create PPP1/LOCAL-AUTH pc
vars create PPP1/REMOTE-AUTH pc
vars create PPP10/LOCAL-AUTH pc
vars create PPP10/REMOTE-AUTH pc
vars create PPP11/LOCAL-AUTH pc
vars create PPP11/REMOTE-AUTH pc
vars create PPP12/LOCAL-AUTH pc
vars create PPP12/REMOTE-AUTH pc
vars create PPP13/LOCAL-AUTH pc
vars create PPP13/REMOTE-AUTH pc
vars create PPP14/LOCAL-AUTH pc
vars create PPP14/REMOTE-AUTH pc
vars create PPP15/LOCAL-AUTH pc
vars create PPP15/REMOTE-AUTH pc
vars create PPP16/LOCAL-AUTH pc

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vars create PPP16/REMOTE-AUTH pc
vars create PPP17/LOCAL-AUTH pc
vars create PPP17/REMOTE-AUTH pc
vars create PPP18/LOCAL-AUTH pc
vars create PPP18/REMOTE-AUTH pc
vars create PPP19/LOCAL-AUTH pc
vars create PPP19/REMOTE-AUTH pc
vars create PPP2/LOCAL-AUTH pc
vars create PPP2/REMOTE-AUTH pc
vars create PPP20/LOCAL-AUTH pc
vars create PPP20/REMOTE-AUTH pc
vars create PPP21/LOCAL-AUTH pc
vars create PPP21/REMOTE-AUTH pc
vars create PPP22/LOCAL-AUTH pc
vars create PPP22/REMOTE-AUTH pc
vars create PPP23/LOCAL-AUTH pc
vars create PPP23/REMOTE-AUTH pc
vars create PPP24/LOCAL-AUTH pc
vars create PPP24/REMOTE-AUTH pc
vars create PPP25/LOCAL-AUTH pc
vars create PPP25/REMOTE-AUTH pc
vars create PPP26/LOCAL-AUTH pc
vars create PPP26/REMOTE-AUTH pc
vars create PPP27/LOCAL-AUTH pc
vars create PPP27/REMOTE-AUTH pc
vars create PPP28/LOCAL-AUTH pc
vars create PPP28/REMOTE-AUTH pc
vars create PPP29/LOCAL-AUTH pc
vars create PPP29/REMOTE-AUTH pc
vars create PPP3/LOCAL-AUTH pc
vars create PPP3/REMOTE-AUTH pc
vars create PPP30/LOCAL-AUTH pc
vars create PPP30/REMOTE-AUTH pc
vars create PPP31/LOCAL-AUTH pc
vars create PPP31/REMOTE-AUTH pc
vars create PPP4/LOCAL-AUTH pc
vars create PPP4/REMOTE-AUTH pc
vars create PPP5/LOCAL-AUTH pc
vars create PPP5/REMOTE-AUTH pc
vars create PPP6/LOCAL-AUTH pc
vars create PPP6/REMOTE-AUTH pc
vars create PPP7/LOCAL-AUTH pc
vars create PPP7/REMOTE-AUTH pc
vars create PPP8/LOCAL-AUTH pc
vars create PPP8/REMOTE-AUTH pc
vars create PPP9/LOCAL-AUTH pc
vars create PPP9/REMOTE-AUTH pc
vars create S-LIC/PBX0/00000 pb
952058b44a49d9ff87afa07b3fbef5aa798084e24bc5a68c38eed9503be5234a5dd00ed4afaafd81a6813fedd7390cafff1052fc9c2d4e7
11c2d28998ea57d648e5b806331d5fbcabd4d3038255e04c31e6f8325c4846c1638f7eb9e1ddebbd03076ee629e228233c1fbc4957
0e5c49563131a3fbd0dd2f6bf760b27fd2967885b105fc59b730748a0be14d8b43e9084dca86fe70d9578c5c31aa4185a47db29f1c31eb
bf4becaeb54984773cd8e22a9102ced648be0c78f7dc1c315453d2bf6a598d793cc61a2d106aba65a18d53949f51d90ff54d4de94f0
6e72b37426c855d84ffbcda065488c8a62abb7c23cd76c1e721c5b0e2c5d1de7917f31687fbb
vars create S-LIC/PBX0/00001 pb
22d76a354b2ff5af8185a3a60f6f948a1dcf6c17b8a3d8e07aa075fe6ca6c3235d0d48182ca79df20d1279928f2e1e6916433b3f09bf29e
1122014de1694e27beb373c8d8f2c9dfa5366a1c46201c577ce018948e8c9d51846e9b87243566b187c648943e55e47f0e44d98102b
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5c59883e078afe4e2142c26db8f18c531c75677552a6c3ff7f1c2a7190b5fe71911882ecd9f0d378d105e5f40143ec19340a4d6467083c
433abf60a9c055e66498ba4fc28dd07fb7ca78eb1b0f37759eb9ebd9e2c509ce4ffc1ca117ec9
vars create S-LIC/PBX0/00002 pb
a0728e98aa433e16fe6fd12cf96b331949366b90190f71621121eb99aa2d6e14acbe9bff569dfb620c10f9778a0a76e582015c2ce3f14
87aca3b5cddf04cfbeb54b2cae32ab4b7665989c3064a852d6a2bbd62b511d6f3e837da507144b996cb5794490240979db27116bf1e
6289cb2b2b156ae76222e41361831068b176aa4714f3678b18599484c9006fddc97262862e662c4836d013e55b7f9e826eaaa6579cc
112ac665fc0c370fe5811b6e47d5e3ee2d846261e6c64e856981addbe25400c0b4b251b494702522b130d49894088309819b1c19e4a
194825ea3c5b237bffa7f80c9e7ebc795a5526573eded3d4c4b0a33069e357578fbc88970e4b288e
vars create S-LIC/PBX0/00003 pb
27533b15cf2a9a5e3143768cfd3afccb0bf24c73ff354706694b03fd2a78cb70e531fc68deafdfac1ca89aaf7e981ba9115c5c3d8f63c49ff
ae7977ae6e7e26b8511b6e47d5e3ee2d846261e6c64e856981addbe25400c0b4b251b494702522b130d49894088309819b1c19e4a
0e3ca38fbfd22868fbef3fb4812fcedb46e20385f078bf0c90856f1bf1bd5a4dcd9f58a5146f8958ac3c4dc1e22beec9d2344545c1bc036
ab705ec370c065ab07ed149fa4bdc4a85602adb16ebc05811b716bdcb9676aa5fe2457bb0706f288f0d7854ec6e9730dad8f5d3304fef
1038371e40409a74d6a584cc65e20002fba5669175f0c65a693ddc39a7cd6e89eead9d81c
vars create S-LIC/PBX0/00004 pb
b396e239af3bc0ce874880381b16498c535a2d774f49e86f5317ccae32b2c3a562872602132c352b9ef283fb366bf062f7acc5f2f3b77

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34d852e127ff0c5341fdf3991ab392177528e8d01ed4cec0abf78f917452b46929b1a63143bcac66ce791f6756c933ba38c209317fd40f
9eceed95283bbc24397770e82b06b2c21547a20784b4ea71555db415964a84f8b01c9b7db51f2a9c76d9c50cd69ad922e249af8e8d
be971268928cd1138c22b8b7e3342e64d4604629d3e01bdb58bbc15a792857326084e901fb5a04400dc12fde9b5b552d716c25a3bc
b93e2d865384279868872a89ef8806a7c0a86881e05cbda130cbeecfc2248329fb18afc59ecbac0
vars create S-LIC/PBX0/00005 pb
48ebadcf6472700ee9fd20163a190f4a4b8380706a9ef7794035ad726234c3b5cabfe9ec67213a95f7086652c5313672a0bf5c667b786
63da6755cdd7fc49a99b8879953dd8109727441d7d48e39480174e25b6949604cb29469c840b5b528395b3ef758915a8cfff2c5757f50
e9cf158e63c0cf22abd86fa224e4e2d5fe26c92f3480e4d508c70b9b85d71fece2971e1c2493b36e684dc2a19541d37481b489c884c37
62738ef6b5f9e18b16937986c21dd95476979f38b3c368c1b97b734238b1c77cb6e600c5a15a1d58d20527f2feed024617227e7c65a
7e5254bef5635c222eb32e36022c5c4f799f3c3d8fe9f12b2d75f0d3129a236e8d8d32366c4c2
vars create S-LIC/RELAY0/00000 pb
4f50c0646218932e75cc7b0d4ea4cc9228a6d84aaeaa7b6682311d45ca0c701545fa7b3c8106997af6fa53f9582a75875979451aea3
0a4b88b2c7a103ceb1c7251c6b5cda6e93250ff6a85a3931e702241ba2194069d1476a46467bd83803235a014a9b1fbdda3db5de123
d93639e82731f3142e9976aae35262c4e6955cbd77cdde58c09b589106eec7234b741e3234804e16fffc3e39670b5afaa237025073e
80be1b00f7d39c2dff160347eb9c4a22835283a8176071b41c1cda5642ebd410784063fd32ec08c9ae6de2794c2e9629d42f2a0d69ee
35df481c847f68d1c764ae23d9f37d2c3de9bd7fff4e5a8742f5d9b00a80b28722e46f958849841ad
vars create S-LIC/RELAY0/00001 pb
98e4c418af672b295e0ed7f8be4cdc2d7921abbed7ad78e1e16497b6a948e201e22a4a9baae8aed17fcb280576b532a88ffb0f08494
8ae5a0ccc7bf1c865acf739d909d164dbc5c62a7a2a82cf0505352564de15c7585a6f7731abdacc2d10ba26471e74a6e152c2a9ff64a6
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d930563e4297242d718f42fb6a531f42de3f4b65211fb6a4f320600806b0970ace01b383ecef7aaab8a7c7c3297a5bddec1a8e1535cf4
15e2b5b2fe170f737242bc5d4aae077f6a4d28fd0645c255402ed857edofa13bb1d562bc3ec
vars create S-LIC/RELAY0/00002 pb
4a51ead7816b526f086e0367bf2410e828f83dc064b919d3ba7dfa7e3646e51150f5a5f456b603f5c67d8767d883306890c7e9dc562eb
2ec4888c20d77e4a50958c7709e7ab92aa73eecee1ba9632664f6e566edaa8c6239d4b998969806f3c417982f199fb1fc2b9a1fb984e
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35c0bca6bdc135b2c30c51ea43accf617a1d80ca5d5ae20bb6fd9deb2cef588b33a2148e9084d2
vars create S-LIC/RELAY0/00003 pb
8683b142974a7f8c229e00746873a66fb870c91a69327e1cdcdbe83cb50b19e88bac295922cc4c9f2f7a9c5ec76b8a8e6e60a41
3f09605cb877334410a554d3262494d9c50470d7ef1e0b4043be35f7dee876a0946820b3d0dafd47289dfbe2fb1c8c7a14300c8d615e
3d0fe76a7ce7c66f7fab84a7fff7ee083224e99c8f7fb65a601f5e088ce65b0355573461b8d4e38149c5a8fc5540ea26ecf3a7ceda2f536
e7c4bd320ed2fc85f810f7fb509736cfd6b19fe56b608f1f833d9052d68b0301fa95f35f184728b4e56b497d8ce322ac54a4f7ff82ed907
53d165774a4cb4709d73c47f55f164be3e2283c996b4c2e3e0b4ec9a96c7cf442e952302c
vars create S-LIC/RELAY0/00004 pb
459a37e2e1a3d241cf2abc66c566c5351dfbc455e8c7232989e15f9a0ded61bbcc9bd5863669b49233cb530a80368f7b583dd4ca2838
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1ebcdf9b0585d9c59fbc6e5d0775c5f1cc7b6e2ba16a26a101450a6cdd6b24488696710d04dcded12013f7355762c95104a65d890
896e222f5db9f58d608d76bd1191fe44f0bb7505b5188b1ebdda60d4daba2986f19b6499bc15
vars create S-LIC/RELAY0/00005 pb
0c0495f3df41ea5faa531f0f5e9ae20c282aff1c346565356227ccd76e7ab381f1d8c21592aa193093b3ea2e3927ff690d6f6ecc763a57be
ddc494d7adb0d4140b9de64852b038775c9f20772802719a01eeefe467c949ed116a781d95ff2c1afe8ea1de004cf05cc8df33318483e
04a21f8659731928dedcb237171dec65440cb6e551e305a8e008dfc3f5eec0d9558418b92ae9b9ad0da1a16f2fe831aa6b303f28fa2f5f
9c6b7bbc1452588e784554309d0aee92ea31f8efc8e17a382c80df29989330ce080794d384755409201194d34e45c18e6d19f5f5be5a0
238d40698bf551e92cd82f4704470aea8c74a094b701f295bd35ee3f9d5904b27185911ac
vars create UPDATE/VIRGIN p 1
vars create X509/DEVICE_CERTIFICATE/00000 pb
308202143082017da003020102020100300d06092a864886f70d010105050030193117301506035504030c0e49503330322d31652
d30322d6664301e170d3030303130313030303030305a170d3439313233313233353935395a30193117301506035504030c0e4950
3330322d31652d30322d666430819f300d06092a864886f70d0101050003818d00308189028181009e57401ad5985df6ba0416c6
1e7ef7c20a834c088150935427ee4e27e1636052d69e2913d824862e89d74b634c4181757d58ed967d54433e8cf341b80b9f67bc8d8
e9aeb4fd3f99c88e8b20ac7aa1774cc3a99570273abc2c90ec0a2d17afbd1228d766e0e505ad15faeb7577a470235ccb006133a8519b
db98e5b940c5f81810203010001a36c306a30120603551d130101ff040830060101ff020100300e0603551d0f0101ff0404030202a430
220603551d230101000418301680141f56dc4605744f46c6d83a50ec6835db3bc5daaf30200603551d0e010100041604141f56dc460
5744f46c6d83a50ec6835db3bc5daaf300d06092a864886f70d010105000381810037cbf786c51a63a8400840599d7562d968
b6a683dc457fa3100178b4ef108041d7b96d2044134d143543d9726b970d6b8c40961dc3bcfb36853106de8c03cd6d05f4d20ae2bd2
ec3ef90b2cf760348f5f833c7b5734e3a1ca046697ce772d84524afc72bd3d0d0daf07145f44ce0730b3c55d48df63803402abc5b09d24
vars create X509/DEVICE_KEY pbc
sa375b89ce82014a5d6a483f1733ceea95ecc24e20bf52bfbc412cb7bef54c77cfba38bc73933fed1cc909fbad23abf6f4eb77c41102ed
261279f7325c2921bfcc4a547aa8a8f0e6e27191551546e3b5703d521eb598fc2b9dc9d32fb136d9d5a983d8b60520765783cfd52e5
d4288bde584337512adfc52d0bd4a418c0ae1f84d9d5721ac53bb49889415118d3dd50d6e77065dc5cb4e7a9c3461252f276294dc6b
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e082480b46de7c61ebd65e1a43c1e61ef91dd0ae48f9656dae4a26dbb6886bf6464909006082cd40de3881ce51fef81616bf6bf01a8
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85803423b5d0f47ea7cd27d572eb4eb54c751b5d8cd36f650a9b4186aeec71641061e58a66780e7667fd937e6c533ad644ef86ce915
315aaaf49d328f996696608b60afcd6e8e38e8db0f7b16c1020a9fae8d5a91d5ec86d102d60e7b4dea29190564ba63d8817d5dd8d6e
b9f8b2d83304cdc02f7228e1111b8c0cfb8334d21e5e7042920c77dc48dd2c683b8b7b536502f599eabd733abb027533fc1e0f4f0e0a1
2d48168aef80f5a7ada711be4d571a6786f62d654f7b9b29fd5e
vars create X509/INIT p 1
vars create X509/SERIAL pb 00000001
```

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mod cmd FLASHDIR0 erase-all
mod cmd FLASHDIR0 add-view 101 cn=PBX0
mod cmd FLASHDIR0 add-item 101 (cn=Test 00)(h323=2000)(e164=2000)(loc=.) (node=root)(pbx=<user filter="normal" cd-
filter="normal" cfnr="15" busy-in="65535" busy-out="2"/>)(guid;bin=0C385B30E909D31197B10090330800AD)(usn=172)
mod cmd FLASHDIR0 add-item 101 (cn=Test 03)(h323=2003)(e164=2003)(loc=.) (node=root)(pbx=<user filter="normal" cd-
filter="normal" cfnr="15" busy-in="65535" busy-out="2"/>)(guid;bin=018A5373E909D311A1750090330800AD)(usn=176)
mod cmd FLASHDIR0 add-item 101 (cn=Test 04)(h323=2004)(e164=2004)(loc=.) (node=root)(pbx=<user filter="normal" cd-
filter="normal" cfnr="15" busy-in="65535" busy-out="2"/>)(guid;bin=018E1AC9E909D311A1750090330800AD)(usn=177)
mod cmd FLASHDIR0 add-item 101 (cn=Test 05)(h323=2005)(e164=2005)(loc=.) (node=root)(pbx=<user filter="normal" cd-
filter="normal" cfnr="15" busy-in="65535" busy-out="2"/>)(guid;bin=02FDB4EBE909D311B1460090330800AD)(usn=178)
mod cmd FLASHDIR0 add-item 101 (cn=Test 06)(h323=2006)(e164=2006)(loc=.) (node=root)(pbx=<user filter="normal" cd-
filter="normal" cfnr="15" busy-in="65535" busy-out="2"/>)(guid;bin=05847081E909D311B1460090330800AD)(usn=179)
mod cmd FLASHDIR0 add-item 101 (cn=Test 07)(h323=2007)(e164=2007)(loc=.) (node=root)(pbx=<user filter="normal" cd-
filter="normal" cfnr="15" busy-in="65535" busy-out="2"/>)(guid;bin=05A2E2CEE909D311B1460090330800AD)(usn=180)
mod cmd FLASHDIR0 add-item 101 (cn=Test 01)(dn=Test 01)(h323=2001)(e164=2001)(loc=.) (node=root)(pbx=<user
filter="normal" cd-filter="normal" cfnr="15" busy-out="2"/>)(guid;bin=003470B7E909D311B1460090330800AD)(usn=188)
mod cmd FLASHDIR0 add-item 101 (cn=Test 02)(dn=Test 02)(h323=2002)(e164=2002)(loc=.) (node=root)(pbx=<user
filter="normal" cd-filter="normal" cfnr="15" busy-out="2"/>)(guid;bin=00CF6045E909D311B9570090330800AD)(usn=189)
mod cmd FLASHDIR0 add-item 101 (cn=Test 08)(dn=i75 08 2008)(h323=2008)(e164=2008)(loc=.) (node=root)(pbx=<user
filter="normal" cd-filter="normal" cfnr="15" busy-out="2"/>)(pbx=<device
hw="2008"/>)(pbx=<presence/>)(guid;bin=05ACC0DFE909D311B1460090330800AD)(usn=267)
mod cmd FLASHDIR0 add-item 101 (cn=Test 12)(dn=i75 12 9912)(h323=9912)(e164=9912)(loc=.) (node=root)(pbx=<user
filter="normal" cd-filter="normal" cfnr="15" busy-out="2"/>)(pbx=<device
hw="9912"/>)(pbx=<presence/>)(guid;bin=05B47759E909D311B1460090330800AD)(usn=289)
mod cmd FLASHDIR0 add-item 101 (cn=EXTERN)(h323=EXTERN)(loc=.) (node=root)(pbx=<user filter="normal" cd-
filter="normal"/>)(pbx=<pseudo type="gw"/>)(pbx=<device
hw="EXTERN"/>)(pbx=<presence/>)(guid;bin=013001AFE909D311BD2F0090330800AD)(usn=294)
mod cmd FLASHDIR0 add-item 101 (cn=Test 20)(dn=9920)(h323=9920)(e164=9920)(loc=.) (node=root)(pbx=<user/>)(pbx=<device
hw="9920"/>)(guid;bin=01141EA9E909D311B3300090331E02FD)(usn=295)
mod cmd FLASHDIR0 add-item 101 (cn=Test 21)(dn=9921)(h323=9921)(e164=9921)(loc=.) (node=root)(pbx=<user/>)(pbx=<device
hw="9921"/>)(guid;bin=2A7CC149E909D311B3300090331E02FD)(usn=296)
mod cmd FLASHDIR0 add-item 101 (cn=Test 22)(dn=9922)(h323=9922)(e164=9922)(loc=.) (node=root)(pbx=<user/>)(pbx=<device
hw="9922"/>)(pbx=<presence/>)(guid;bin=24853AE0E909D311B3300090331E02FD)(usn=299)
mod cmd FLASHDIR0 add-item 101 (cn=Test 23)(dn=9923)(h323=9923)(e164=9923)(loc=.) (node=root)(pbx=<user/>)(pbx=<device
hw="9923"/>)(guid;bin=826CB542E909D311B3300090331E02FD)(usn=300)
mod cmd FLASHDIR0 add-item 101 (cn=Test 24)(dn=9924)(h323=9924)(e164=9924)(loc=.) (node=root)(pbx=<user/>)(pbx=<device
hw="9924"/>)(guid;bin=98302851E909D311B3300090331E02FD)(usn=301)
mod cmd FLASHDIR0 add-item 101 (cn=_ADMIN_)(pbx=<user pwd="2374552f27079ecbc79cd5494f0ad310"
key="2526602380aea3b8a9b78918d4fdb2a0"/>)(guid;bin=00446E72E909D311A1750090330800AD)(usn=304)
mod cmd FLASHDIR0 add-item 101 (cn=Test 09)(dn=Test 09)(h323=2009)(e164=2009)(loc=.) (node=root)(pbx=<user
filter="normal" cd-filter="normal" cfnr="15" busy-out="2"/>)(pbx=<device
hw="2009"/>)(pbx=<presence/>)(guid;bin=0588B5FBE909D311B1460090330800AD)(usn=361)
mod cmd FLASHDIR0 add-item 101 (cn=DECT)(loc=.) (node=root)(hide=true)(pbx=<user no-dev="true"/>)(pbx=<pseudo
type="dect"/>)(pbx=<dect sys-id="31100243602345" ac="9999" ac-mode="SYSTEM" tones="0" kp="true" oem1="0x7f" oem2="freq-
eu" oem3="0" oem4="0x0"><coder model="G711A" frame="20"/><lcoder model="-"
frame="60"/></dect/>)(guid;bin=55FAB100E909D311B6B70090331E02FD)(usn=365)
mod cmd FLASHDIR0 add-item 101 (cn=Test 18)(dn=Test 18)(h323=9918)(e164=9918)(loc=.) (node=root)(pbx=<user cfnr="15"
busy-out="2" pwd="79250579409d0c5138632ab6b0f52cef"/>)(pbx=<device hw="9918"/>)(pbx=<gw name="DECT"
subs="759b4c6073fb1ecb28f47eaff2a80b4f" ipei="002020744027" dsp="Test
18"/>)(guid;bin=97B447AFE909D3118E570090331E02FD)(usn=502)
mod cmd FLASHDIR0 add-item 101 (cn=Test 17)(dn=Test 17)(h323=9917)(e164=9917)(loc=.) (node=root)(pbx=<user cfnr="15"
busy-out="2" pwd="79250576409d0c5338632ab6b0f52cef"/>)(pbx=<gw name="DECT"
subs="7708880673b4eac5c8d341c0a61a2d46" ipei="002020817507" dsp="Test 17"/>)(pbx=<device hw="9917"/>)(pbx=<presence
c="tel:"/>)(guid;bin=5CC89A30E909D311AF590090331E02FD)(usn=520)
mod cmd FLASHDIR0 add-item 101 (cn=Test 13)(dn=Test 13)(h323=9913)(e164=9913)(loc=.) (node=root)(pbx=<user
filter="normal" cd-filter="normal" cfnr="15" busy-out="2"/>)(pbx=<device hw="9913"/>)(pbx=<presence
c="tel:"/>)(guid;bin=05B97ED9E909D311B1460090330800AD)(usn=591)
mod cmd FLASHDIR0 add-item 101 (cn=FE)(dn=FE)(h323=9990)(e164=9990)(loc=.) (node=root)(pbx=<user/>)(pbx=<pseudo
type="broadcast"/>)(pbx=<device hw="9990"/>)(guid;bin=9A6FA1CDE909D3118E570090331E02FD)(usn=592)
mod cmd FLASHDIR0 add-item 101 (cn=Test 14)(dn=Test 14)(h323=9914)(e164=9914)(loc=.) (node=root)(pbx=<user
filter="normal" cd-filter="normal" cfnr="15" busy-out="2"/>)(pbx=<device hw="9914"/>)(pbx=<presence
c="tel:"/>)(guid;bin=05C3CF8BE909D311B1460090330800AD)(usn=593)
mod cmd FLASHDIR0 add-item 101 (cn=Test 16)(dn=Test 16)(h323=9916)(e164=9916)(loc=.) (node=root)(pbx=<user cfnr="15"
busy-out="2" pwd="79250577409d0c5138632ab6b0f52cef"/>)(pbx=<gw name="DECT"
subs="245fb6eb183655bf3f21c87a0d050b5a" ipei="002020817781" dsp="Test 16"/>)(pbx=<device
hw="9916"/>)(guid;bin=CD240BFFE909D3118E570090331E02FD)(usn=594)
mod cmd FLASHDIR0 add-item 101 (cn=Test 15)(dn=Test 15)(h323=9915)(e164=9915)(loc=.) (node=root)(pbx=<user
filter="normal" cd-filter="normal" cfnr="15" busy-out="2"/>)(pbx=<device hw="9915"/>)(pbx=<presence
c="tel:"/>)(guid;bin=05CC64B3E909D311B1460090330800AD)(usn=595)
mod cmd FLASHDIR0 add-item 101 (cn=Test 19)(dn=Test 19)(h323=9919)(e164=9919)(loc=.) (node=root)(pbx=<user cfnr="15"
busy-out="2" pwd="79250578409d0c5138632ab6b0f52cef"/>)(pbx=<gw name="DECT"
subs="0583ff8f134586d5f23ad3c66177283b" ipei="002020743817" dsp="Test 19"/>)(pbx=<device
hw="9919"/>)(guid;bin=EDAEF9A6E909D31193A30090331E02FD)(usn=596)

```



```
mod cmd FLASHDIR0 add-view 102 cn=KDB0  
mod cmd FLASHDIR0 add-view 103 cn=KPBX0
```

< IPBS configuration file >

## Cisco Aironet 1142N

```

!
version 12.4
no service pad
service timestamps debug datetime msec
service timestamps log datetime msec
service password-encryption
!
hostname ap
!
enable secret 5 $1$J/m3$x/CKTZuyFVYRw7QQGEhyr1
!
no aaa new-model
!
!
dot11 syslog
!
dot11 ssid INTOP
    authentication open
    authentication key-management wpa version 2
    guest-mode
    wpa-psk ascii 7 0625002C5C4F1D10071E1E02181D6A3F213B27
!
dot11 priority-map avvid
!
!
username Cisco password 7 13261E010803
!
!
!
class-map match-all _class_Voice0
match ip dscp ef
!
!
policy-map Voice
class _class_Voice0
    set cos 6
!
bridge irb
!
!
interface Dot11Radio0
no ip address
no ip route-cache
shutdown
!
encryption mode ciphers aes-ccm
!
ssid INTOP
!
antenna gain 0
station-role root
bridge-group 1
bridge-group 1 subscriber-loop-control
bridge-group 1 block-unknown-source
no bridge-group 1 source-learning
no bridge-group 1 unicast-flooding
bridge-group 1 spanning-disabled
service-policy input Voice
service-policy output Voice
!
interface Dot11Radio1
no ip address
no ip route-cache
!
encryption mode ciphers aes-ccm
!
ssid INTOP
!

```

```

antenna gain 0
no dfs band block
channel 5240
station-role root
beacon dtim-period 5
bridge-group 1
bridge-group 1 subscriber-loop-control
bridge-group 1 block-unknown-source
no bridge-group 1 source-learning
no bridge-group 1 unicast-flooding
bridge-group 1 spanning-disabled
service-policy input Voice
service-policy output Voice
!
interface GigabitEthernet0
no ip address
no ip route-cache
duplex auto
speed auto
no keepalive
bridge-group 1
no bridge-group 1 source-learning
bridge-group 1 spanning-disabled
!
interface BVI1
ip address 10.11.24.242 255.255.255.0
no ip route-cache
!
ip default-gateway 10.11.24.1
ip http server
no ip http secure-server
ip http help-path http://www.cisco.com/warp/public/779/smbiz/prodconfig/help/eag
bridge 1 route ip
!
!
!
line con 0
line vty 0 4
login local
!
end

```

< Cisco 1142N config file >

## APPENDIX B: DETAILED TEST RECORDS

### VoWiFi

Pass	66
Fail	3
Comments	3
Untested	24
<b>Total</b>	<b>96</b>

< [i62 Test results file](#) >

### IP-DECT

Pass	75
Fail	4
Comments	1
Untested	16
<b>Total</b>	<b>96</b>

< [IPBS Trest results file](#) >

### MISCELLANEOUS

Please refer to the VoWiFi and IP-DECT test specifications available on the Ascom Extranet for detailed information regarding each test case.

See URL (requires login):

<https://www.ascom-ws.com/AscomPartnerWeb/en/startpage/Sales-tools/Interoperability>

#### Document History

Rev	Date	Author	Description
PA1		SERT	Initial draft