



# Alcatel 4400 R4.2 to Cisco 3745 using BRI QSIG with H.323

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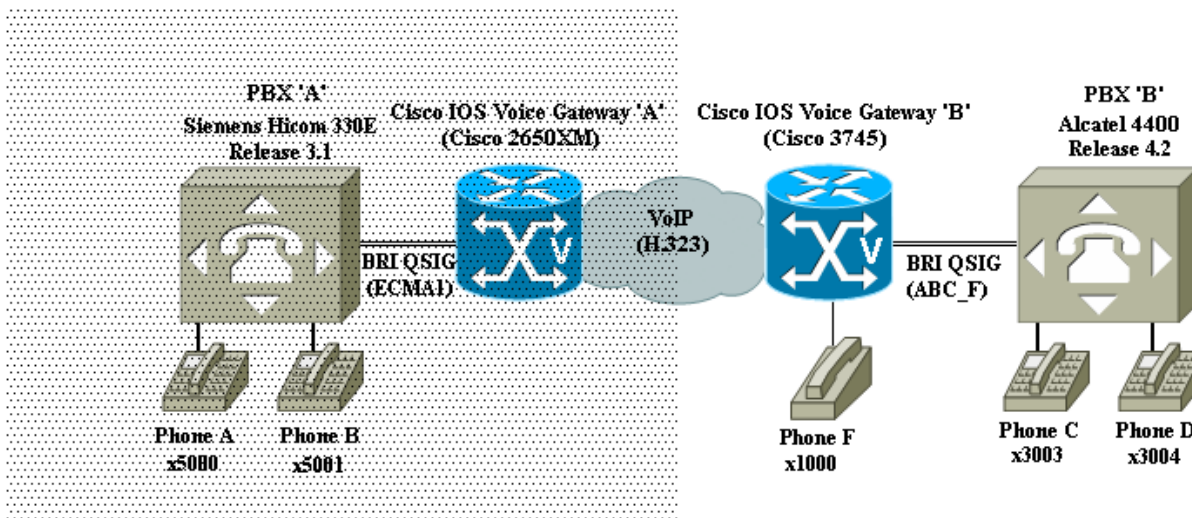
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## Introduction

- This is an Application Note for Connectivity/Interoperability testing of an Alcatel 4400 R.4.2 PBX to C3745 to C2650XM to Siemens Hicom 330E R3.1 PBX over a BRI-QSIG link.
- The Network Topology diagram shows the test set-up for end-to-end interoperability between the Siemens and Alcatel PBX via the C2650XM and C3745 routers supporting a Basic-Qsig link.

## Network Topology

Figure 1. Basic Call Setup



## Limitations

The following section lists known limitations, caveats, or integration issues.

- Basic Call: During Baseline measurements it was evident that when a call is made from the Alcatel (Phone C) to the Siemens (Phone A), the Alcatel phone only displays the connected parties name.
- Basic Call: When configured for Test Scenario B the 3745 Layer 1 emulation has to be configured to simulate USER (Conf T→ISDN BRI 4/0→ISDN LAYER 1 EMMULATE USER) while configuring the Protocol to emulate Network mode due to clocking issues on the lab Alcatel PBX.
- Basic Call with FXS port: Due to the slot allocation limitations of the C2650XM when supporting a 2 NT/TE BRI card, installation of a FXS port was not possible.



## System Components

### Hardware Requirements

The following hardware is required:

- Cisco C3745 with 1 off 2 BRI NT/TE card and an analog FXS Port
- Cisco C2650XM with 1 off 2 BRI NT/TE Card
- Alcatel 4400 OmniPCX 4400 PBX
- Siemens Hicom 330E PBX
- Siemens Hardware: DIU-N2

### Software Requirements

The following software is required:

- IOS software releases
  - C2650XM: c2600-is-mz.122-12.12.T
  - C3745: c3745-is-mz.122-12.12.T
- Siemens Hicom 330E PBX Software Version R3.1
- Alcatel 4400 OmniPCX 4400 PBX Software Version R.4.2

## Features

This section lists new and changed features and features that are not supported.

### Features Supported

- Calling Name Identification Presentation
- Calling Number Identification Presentation
- Connected Name Identification Presentation
- Connected Number Identification Presentation Updating
- Connected Name and Number for Call Transfers
- Updating Connected Name and Number for Call Forwarding

### Features Not Supported

- Not applicable



## Configuration

This section contains configuration menus and commands and describes configuration sequences and tasks.

### Configuring the Alcatel 4400 R3.2 PBX

#### Alcatel Software Version

##### Version Information

```
#          The role of the CPU is MAIN
Application software identity
```

```
R4.2-d2.304-4-b-lt-c5s2
```

```
Business identification: R4.2
```

```
Release:
```

```
DELIVERY d2.304
```

```
Patch identification: 4
```

```
Dynamic patch identification: b
```

```
Country: lt
```

```
Cpu: c5s2
```

```
ACD VERSION
```

```
    release : 4
```

```
    bug_fixing : 4
```

```
    protocol_id : 75
```

```
    version_dy_hr_stat : 11
```

```
(1)xa000000>
```

#### BRI-QSIG (ABC\_F) Trunk Group Configuration

##### Trunk Group:

Trunk Groups	
Trunk Group Id	8
Trunk Group Type	T0
Trunk Group Name	BRI-ABCF
Node number	1
Transcom Trunk Group	False
Auto.reserv.by Attendant	False
Overflow trunk group No.	-1
Tone on seizure	True



Private Trunk Group	False
Paging Trunk Group	False
Paging Table Id	-1
Paging Signalization	NDDI
Security Patrol	False
Q931 signal variant	ABC-F
Operator Id	ANSI
SS7 signal variant	No variant
Number Compatible With	-1
Prefix Sending	False
Number Of Digits To Send	4
Channel selection type	Quantum
Remote Network	15
Shared Trunk Group	False
T.line Calling last dig.length	0
auto.DTMF dialing on outgoing call	NO
T2 Specificity	None
Public Network Category	0
DDI transcoding	False
Special Services	Nothing
Can support UUS in SETUP	True
Register Signalling	Decadic/MF Q23
Implicit Priority\Activation mode	0
Implicit Priority\Priority Level	0
Preempter	NO
Incoming calls Restriction categ.	10
Outgoing calls Restriction categ.	10
mpt1343 callee number	NO

**Trunk Detail:**

Trunk Group	
Instance (reserved)	1
Trunk Group Type	T0
Public Network Ref.	
Dialling end to end	NO
DTMF end to end signal.	NO
Paying Incoming Calls	NO
TS Permanently assigned	NO
Min. Nb.of digits on seize	0
Signal.with access code	NO
Trunk group used in DISA	NO
DISA Secret Code	
VG for non-existent No.	YES
Routing To Executive	NO
<b>Trunk Category Id</b>	<b>18</b>
Nb of digits unused (ISDN)	4
B Channel Choice	YES
Channels Reserved By Attend.	0
Dissuasion For ACD	NO
DTO joining	NO
Enquiry Call On B Channel	NO
DDI Mode	NO



Automated Attendant	NO
Calling party Rights category	0
Entity Number	0
TS Overflow	YES
Number To Be Added	
Supervised by Routing	NO
Access Cluster Id	-1
VPN Cost Limit for Incom.Calls	0
Immediat Trk Listening For VPN Call	YES
VPN TS %	50
Csta Monitored	NO
Max.% of trunks	0
Charge Calling And ADN Creation	NO
Ratio analog.to ISDN tax	
Collect Calls Allowed	YES
Priority of Call	NO
PCM Network Mode	NO
LogicalChannel	1__15 & 17__31
TS Distribution on Accesses	YES
Use Split Acces	NO
Heterogeneous Remote Network	NO
Barring mode	Not barred
ARS class of service	31
Megacom Service	NO
SDN Service	NO
Quality profile for voice on IP	Profile #1
IP compression type	Default
Use of volume in system	YES
Local volume (dB)	0
External Access Server	NO
McdU Trk MonitCsta	
Announcement for Dialtone	NO
Announcement for Ringtone	NO
Private to Public Overflow	YES

**T2/T1/T0 Access**

T2/T1/T0 Access	
Physical Address	0-9-3
Access Type	T0
Access Cluster Id	-1
Time Slots T2	01100000000000000000000000000000
Time Slots T0	011
Time Slots T1 CCS	01111111111111111111111111111110
Time Slots Virtual	01111110000000
DLCI	16
Committed Information Rate	48
Extended Information Rate	64
CIR Measurement Interval	10
Support Time Slot Address	
ISDN Compression Number	
Release Support Timer (100ms)	0
Protection Timer (1mn)	0



## Trunk Category Id 18

Board Configurat Trunk Category	
Trunk Category Id	18
Connection Category Id	5
Waiting Guide	True
Overflow Timer on No Reply	300
Overflow Timer on Waiting	300
Trunk Type	ABC_F
Signalling Type	Not Relevant
NDDI Trunk\Exchange Type	W48
NDDI Trunk\Line Type	Short line
NDDI Trunk\Wait for Seizure Ack.Timer	20
NDDI Trunk\Default Transmission	False
NDDI Trunk\Default Transmission Delay	1
NDDI Trunk\Type of Dialling	D 66 33
NDDI Trunk\Interdigit Timer on Sending	0
NDDI Trunk\End of Selection	NO
NDDI Trunk\Off-hook Presumption Timer	80
NDDI Trunk\Battery Inversion Masking	False
NDDI Trunk\Masking Release	False
NDDI Trunk\Wait for Called Party Answer	False
NDDI Trunk\Wait for Called Answer Timer	0
NDDI Trunk\Charging on Answer	False
NDDI Trunk\Wait for Called Party Reanswer	False
NDDI Trunk\Wait for Caller Release Timer	0
NDDI Trunk\Unavailable Time Betw.2 Seizes	0
NDDI Trunk\Loop Detection on Seizure	False
NDDI Trunk\Min.Incoming Seizure Time	0
NDDI Trunk\Loop Feeding Digit Break Time	0
NDDI Trunk\Loop Feeding Digit Make Time	0
NDDI Trunk\Answer Signal Time	0
DDI Trunk\Line Signalling	Default Signalling
DDI Trunk\Exchange Type	W48
DDI Trunk\Line Type	Short line
DDI Trunk\Incoming Seizure Acknowledgment	NO
DDI Trunk\Delay Before Sending Seizure Ack	0
DDI Trunk\Incoming DTMF Received	False
DDI Trunk\Delay Between Digits on Receiving	90
DDI Trunk\Routing to Attendant	Not used
DDI Trunk\First Digit Authorized\Digit 0	1
DDI Trunk\First Digit Authorized\Digit 1	1
DDI Trunk\First Digit Authorized\Digit 2	1
DDI Trunk\First Digit Authorized\Digit 3	1
DDI Trunk\First Digit Authorized\Digit 4	1
DDI Trunk\First Digit Authorized\Digit 5	1
DDI Trunk\First Digit Authorized\Digit 6	1
DDI Trunk\First Digit Authorized\Digit 7	1
DDI Trunk\First Digit Authorized\Digit 8	1
DDI Trunk\First Digit Authorized\Digit 9	1
DDI Trunk\Number of Digits Received	4
DDI Trunk\Number of Digits Used	3



DDI Trunk\Open Dialling	False
DDI Trunk\End of Selection	NO
DDI Trunk\Wait for Caller Release Timer	900
DDI Trunk\Seizure Validation Time	0
DDI Trunk\Loop Feeding Digit Break Time	0
DDI Trunk\Loop Feeding Digit Make Time	0
DDI Trunk\Answer Signal Time	0
DDI Trunk\Caller Release Validation Time	0
DDI Trunk\Incoming Call Unavailable Time	0
PCM PO Trunk\Wait for Seizure Ack.Timer	200
PCM PO Trunk\Type of Dialling	D 66 33
PCM PO Trunk\Interdigit Timer on Sending	0
PCM PO Trunk\Wait for Called Party Answer	False
PCM PO Trunk\Wait for Called Answer Timer	80
PCM PO Trunk\Release Method	Non Compelled Control
PCM PO Trunk\Wait for Caller Release Timer	300
PCM PO Trunk\Incoming DTMF Received	False
PCM PO Trunk\Delay Between Digits on Receiving	90
PCM PO Trunk\First Digit Authorized\Digit 0	1
PCM PO Trunk\First Digit Authorized\Digit 1	1
PCM PO Trunk\First Digit Authorized\Digit 2	1
PCM PO Trunk\First Digit Authorized\Digit 3	1
PCM PO Trunk\First Digit Authorized\Digit 4	1
PCM PO Trunk\First Digit Authorized\Digit 5	1
PCM PO Trunk\First Digit Authorized\Digit 6	1
PCM PO Trunk\First Digit Authorized\Digit 7	1
PCM PO Trunk\First Digit Authorized\Digit 8	1
PCM PO Trunk\First Digit Authorized\Digit 9	1
PCM PO Trunk\Routing to Attendant	Not used
PCM PO Trunk\Open Dialling	False
PCM PO Trunk\Number of Digits Received	4
PCM PO Trunk\Number of Digits Used	3
R2 Trunk\Voice Guide - Busy Cd party	22
R2 Trunk\Voice Guide - Inacc. Cd party	17
R2 Trunk\Voice Guide - Wrong Number	210
R2 Trunk\Congestion Voice Guide	136
R2 Trunk\Register Signalling	Compelled
R2 Trunk\Line Signalling	Default Signalling
R2 Trunk\Exchange Type	W48
R2 Trunk\Line Type	Short line
R2 Trunk\2 or 4 Voice Wires	2 Wires
R2 Trunk\Short Pulse Duration (x10ms)	15
R2 Trunk\Long Pulse Duration (x10ms)	60
NDDI R2 Trunk\Outgoing Seizure Acknowledgment	NO
NDDI R2 Trunk\Seizure Acknowledgment Timer	0
NDDI R2 Trunk\Dial Tone Detection	False
NDDI R2 Trunk\Default Transmission	False
NDDI R2 Trunk\Default Transmission Delay	1
NDDI R2 Trunk\Wait for Called Party Answer	True
NDDI R2 Trunk\Wait for Called Answer Timer	1200
NDDI R2 Trunk\Charging on Answer	False
NDDI R2 Trunk\Release Method	Non Compelled Control
NDDI R2 Trunk\Wait for Called Re-Answer Timer	150
NDDI R2 Trunk\Special Tones Receiving	False



NDDI R2 Trunk\T.for Compelling MF R2 Signals	0
NDDI R2 Trunk\Max.Tim.Without Send Signals	0
NDDI R2 Trunk\Max.Duration Of Pulse	0
NDDI R2 Trunk\PABX Call No.	
NDDI R2 Trunk\Nb Of Digits In Partial Identif.	3
NDDI R2 Group I Signals\Caller Subscriber Category	R2AV F1
NDDI R2 Group I Signals\Request Not Accepted	R2AV F12
NDDI R2 Group I Signals\End Of Caller Identification	R2AV F15
NDDI R2 Group I Signals\End Of Called Party Dialling	Not used
NDDI R2 Group II Signals\Subscriber Without Priority	R2AV F1
NDDI R2 Group II Signals\Attendant	R2AV F5
NDDI R2 Group II Signals\Data Transmission	R2AV F6
NDDI R2 Group II Signals\Toll Call	R2AV F2
NDDI R2 Group II Signals\Local Call Voice	R2AV F3
NDDI R2 Group II Signals\Local Call Fax or Data	R2AV F4
NDDI R2 Group A Signals\Send Next Digit Called Party	A-1
NDDI R2 Group A Signals\Send Last But 1 Digit	A-2
NDDI R2 Group A Signals\End Of Dialling & Wait B Signal	A-3
NDDI R2 Group A Signals\Congestion	A-4
NDDI R2 Group A Signals\Caller Category Request	A-5
NDDI R2 Group A Signals\Complete Dialling & Conversation	A-6
NDDI R2 Group A Signals\Send Last But 2 Digit	A-7
NDDI R2 Group A Signals\Send Last But 3 Digit	A-8
NDDI R2 Group A Signals\Send First Digit	A-9
NDDI R2 Group A Signals\Send Last Digit	Not used
NDDI R2 Group A Signals\Complete Caller Identification	Not used
NDDI R2 Group A Signals\Partial Caller Identification	Not used
NDDI R2 Group A Signals\Send Next Digit Caller	Not used
NDDI R2 Group A Signals\Wrong Called Number	Not used
NDDI R2 Group B Signals\B-1 Charged	Called Party Free
NDDI R2 Group B Signals\B-2 Inaccessible	Called Party
NDDI R2 Group B Signals\B-3	Called Party Busy
NDDI R2 Group B Signals\B-4	Congestion
NDDI R2 Group B Signals\B-5 Inaccessible	Called Party
NDDI R2 Group B Signals\B-6 Charged	Called Party Free
NDDI R2 Group B Signals\B-7 Charged	Called Party Free
NDDI R2 Group B Signals\B-8 Inaccessible	Called Party
NDDI R2 Group B Signals\B-9 Inaccessible	Called Party
NDDI R2 Group B Signals\B-10 Inaccessible	Called Party
NDDI R2 Group B Signals\B-11 Inaccessible	Called Party
NDDI R2 Group B Signals\B-12 Inaccessible	Called Party
NDDI R2 Group B Signals\B-13 Inaccessible	Called Party



NDDI R2 Group B Signals\B-14	Called Party
Inaccessible	
NDDI R2 Group B Signals\B-15	Called Party
Inaccessible	
NDDI R2 Group C Signals\Send First / Next Digit Caller	C-1
NDDI R2 Group C Signals\Change in Gr.A, Send First Digit	C-2
NDDI R2 Group C Signals\End Of Dialling & Wait B Signal	C-3
NDDI R2 Group C Signals\Congestion	C-4
NDDI R2 Group C Signals\Change in Gr.A, Send Next Digit	C-5
NDDI R2 Group C Signals\Change in Gr.A, Send Last Digit	C-6
NDDI R2 Trunk (continued)\Called Release Val.Time	0
NDDI R2 Trunk (continued)\Called Answer Val.Timer	0
NDDI R2 Trunk (continued)\Malicious Call Val.Max.Timer	0
NDDI R2 Trunk (continued)\Malicious Call Val.Min.Timer	0
NDDI R2 Trunk (continued)\Malicious Call Signal Time	0
NDDI R2 Trunk (continued)\Unavailable T.Betw.2 Seizes	40
NDDI Not R2 Trunk With DDI R2\Default Transmission	False
NDDI Not R2 Trunk With DDI R2\Default Transmission Delay	1
NDDI Not R2 Trunk With DDI R2\Type of Dialling	D 66 33
NDDI Not R2 Trunk With DDI R2\Wait for Called Answer Timer	1200
DDI R2 Trunk\Incoming Seizure Acknowledgment	NO
DDI R2 Trunk\Delay Before Sending Seizure Ack	0
DDI R2 Trunk\Dial Tone Connection	False
DDI R2 Trunk\Number of Digits Received	4
DDI R2 Trunk\Number of Digits Used	4
DDI R2 Trunk\Routing to Attendant	Not used
DDI R2 Trunk\Open Dialling	False
DDI R2 Trunk\Ringback Tone Connection	True
DDI R2 Trunk\Time Before Send Ringback Tone	5
DDI R2 Trunk\Forced Release	False
DDI R2 Trunk\Forced Release Timer	2
DDI R2 Trunk\Send Called Party Answer	True
DDI R2 Trunk\Release Method	Non Compelled Control
DDI R2 Trunk\Wait for Called Re-Answer Timer	150
DDI R2 Trunk\Intrude On Busy Cd party	False
DDI R2 Trunk\Intrude On Cd party Hang Up	False
DDI R2 Trunk\Groupe B Signal Transmission	True
DDI R2 Trunk\Caller Identification	Not Requested
DDI R2 Trunk\Time Before 1st Digit Detection	0
DDI R2 Trunk\Delay Between Digits on Receiving	0
DDI R2 Trunk\Time Wait.For Group II Signal	0
DDI R2 Trunk\Pulse Transmission Duration	0
DDI R2 Trunk\Compelling Timer	0
DDI R2 Group I Signals\Request Not Accepted	I-12
DDI R2 Group I Signals\End Of Caller Identification	I-15
DDI R2 Group I Signals\End Of Called Party Dialling	Not used
DDI R2 Group II Signals\II-1	Normal Routing
DDI R2 Group II Signals\II-2	Normal Routing
DDI R2 Group II Signals\II-3	Normal Routing
DDI R2 Group II Signals\II-4	Normal Routing
DDI R2 Group II Signals\II-5	Attendant
DDI R2 Group II Signals\II-6	Data Routing
DDI R2 Group II Signals\II-7	Attendant
DDI R2 Group II Signals\II-8	Attendant



DDI R2 Group II Signals\II-9	No routing
DDI R2 Group II Signals\II-10	No routing
DDI R2 Group II Signals\II-11	No routing
DDI R2 Group II Signals\II-12	No routing
DDI R2 Group II Signals\II-13	No routing
DDI R2 Group II Signals\II-14	No routing
DDI R2 Group II Signals\II-15	No routing
DDI R2 Group II Signals\Caller Identification For Gr.II\II-1	1
DDI R2 Group II Signals\Caller Identification For Gr.II\II-2	0
DDI R2 Group II Signals\Caller Identification For Gr.II\II-3	0
DDI R2 Group II Signals\Caller Identification For Gr.II\II-4	0
DDI R2 Group II Signals\Caller Identification For Gr.II\II-5	1
DDI R2 Group II Signals\Caller Identification For Gr.II\II-6	0
DDI R2 Group II Signals\Caller Identification For Gr.II\II-7	0
DDI R2 Group II Signals\Caller Identification For Gr.II\II-8	0
DDI R2 Group II Signals\Caller Identification For Gr.II\II-9	0
DDI R2 Group II Signals\Caller Identification For Gr.II\II-10	0
DDI R2 Group II Signals\Caller Identification For Gr.II\II-11	0
DDI R2 Group II Signals\Caller Identification For Gr.II\II-12	0
DDI R2 Group II Signals\Caller Identification For Gr.II\II-13	0
DDI R2 Group II Signals\Caller Identification For Gr.II\II-14	0
DDI R2 Group II Signals\Caller Identification For Gr.II\II-15	0
DDI R2 Group II Signals\II-1	Toll Call - No Control
DDI R2 Group II Signals\II-2	Toll Call - No Control
DDI R2 Group II Signals\II-3	Local Voice Call - No Ctrl
DDI R2 Group II Signals\II-4	Local Call Fax or Data
DDI R2 Group II Signals\II-5	No routing
DDI R2 Group II Signals\II-6	No routing
DDI R2 Group II Signals\II-7	No routing
DDI R2 Group II Signals\II-8	No routing
DDI R2 Group II Signals\II-9	No routing
DDI R2 Group II Signals\II-10	No routing
DDI R2 Group II Signals\II-11	No routing
DDI R2 Group II Signals\II-12	No routing
DDI R2 Group II Signals\II-13	No routing
DDI R2 Group II Signals\II-14	No routing
DDI R2 Group II Signals\II-15	No routing
DDI R2 Group II Signals\Caller Subscriber Category\I-1	1
DDI R2 Group II Signals\Caller Subscriber Category\I-2	1
DDI R2 Group II Signals\Caller Subscriber Category\I-3	1
DDI R2 Group II Signals\Caller Subscriber Category\I-4	1
DDI R2 Group II Signals\Caller Subscriber Category\I-5	0
DDI R2 Group II Signals\Caller Subscriber Category\I-6	0
DDI R2 Group II Signals\Caller Subscriber Category\I-7	0
DDI R2 Group II Signals\Caller Subscriber Category\I-8	0
DDI R2 Group II Signals\Caller Subscriber Category\I-9	0
DDI R2 Group II Signals\Caller Subscriber Category\I-10	0
DDI R2 Group II Signals\Caller Subscriber Category\I-11	0
DDI R2 Group II Signals\Caller Subscriber Category\I-12	0
DDI R2 Group II Signals\Caller Subscriber Category\I-13	0
DDI R2 Group II Signals\Caller Subscriber Category\I-14	0
DDI R2 Group II Signals\Caller Subscriber Category\I-15	0
DDI R2 Group A Signals\Send Next Digit Called Party	R2AR F1



DDI R2 Group A Signals\End Of Dialling & Wait B Signal	R2AR F3
DDI R2 Group A Signals\Congestion	R2AR F4
DDI R2 Group A Signals\Gr.I or Gr.II Signal Not Receiv.	R2AR F4
DDI R2 Group A Signals\Caller Category Request	R2AR F5
DDI R2 Group A Signals\Caller Identification	R2AR F5
DDI R2 Group A Signals\Send Next Digit Caller	R2AR F1
DDI R2 Group A Signals\Complete Dialling & Conversation	R2AR F6
DDI R2 Group B Signals\Cd Party Free Malic. Call Ctrl	Not used
DDI R2 Group B Signals\Specific Tone Sent To Caller	R2AR F2
DDI R2 Group B Signals\Called Party Busy	R2AR F3
DDI R2 Group B Signals\Congestion After Change in Gr.B	R2AR F4
DDI R2 Group B Signals\Wrong Called Number	R2AR F5
DDI R2 Group B Signals\Called Party Free Charged	R2AR F6
DDI R2 Group B Signals\Called Party Free Non Charged	R2AR F7
DDI R2 Group B Signals\Out Of Service Subscriber Line	R2AR F3
DDI R2 Group B Signals\Toll Free Call	Not used
DDI R2 Group B Signals\Collect Calls restriction	Not used
DDI R2 Group C Signals\Send First / Next Digit Caller	R2AR F1
DDI R2 Group C Signals\End Of Dialling & Wait B Signal	R2AR F3
DDI R2 Group C Signals\Congestion	R2AR F4
DDI R2 Trunk (continued)\Seizure Validation Time	0
DDI R2 Trunk (continued)\Caller Release Validation Time	0
DDI R2 Trunk (continued)\Max.Attend.signal valid Time	0
DDI R2 Trunk (continued)\Min.Attend.signal valid.Time	0
DDI R2 Trunk (continued)\Incoming Call Unavailable Time	0
DDI R2 Trunk (continued)\Answer Signal Time	0
DDI R2 Trunk (continued)\Malicious Call Signal Time	0
Tie Line Trunks\Type of Dialling	D 66 33
Tie Line Trunks\Delay Before Availability	0
Tie Line Trunks\Delay Between Digits on Receiving	0
Tie Line Trunks\Dial Tone Connection	True
Tie Line Trunks\Ringback Tone Connection	True
Tie Line Trunks\Incoming DTMF Received	False
Tie Line Trunks\Line Type	Short line
Tie Line Trunks\Digit Pulse Duration (ms)	0
Tie Line Trunks\Digit Pause Duration (ms)	0
Tie Line Trunks\2 or 4 Voice Wires	2 Wires
Tie Line Trunks\End of Selection	NO
MCOL/SCOL Tie Line Trunks\Type 4 Wires	E-M
MCOL/SCOL Tie Line Trunks\Outgoing Seizure Acknowledgment	NO
MCOL/SCOL Tie Line Trunks\Incoming Seizure Acknowledgment	NO
MCOL/SCOL Tie Line Trunks\Seizure Acknowledgment Timer	0
MCOL/SCOL Tie Line Trunks\Delay Before Sending Seizure Ack	0
MCOL/SCOL Tie Line Trunks\Delay Before Outdialling	5
MCOL/SCOL Tie Line Trunks\Delay Between Digits on Sending	0
MCOL/SCOL Tie Line Trunks\Send Reply	True
MCOL/SCOL Tie Line Trunks\Wait for Reply Timer	0
MCOL/SCOL Tie Line Trunks\Ignore Call Conflict	False
MCOL/SCOL Tie Line Trunks\ITTR feature / DC5A Inverted	False
IACE Tie Line Trunks\Outgoing Seizure Acknowledgment	NO
IACE Tie Line Trunks\Incoming Seizure Acknowledgment	NO
IACE Tie Line Trunks\Seizure Acknowledgment Timer	0
IACE Tie Line Trunks\Delay Before Sending Seizure Ack	0
IACE Tie Line Trunks\Dial Tone Detection	False



IACE Tie Line Trunks\Default Transmission	False
IACE Tie Line Trunks\Delay Before Outdialling	5
IACE Tie Line Trunks\Receiving the Dialling	True
IACE Tie Line Trunks\Delay Between Digits on Sending	0
IACE Tie Line Trunks\Busy Tone Connection	False
IACE Tie Line Trunks\Send Reply	True
IACE Tie Line Trunks\Reply by Pulse	True
IACE Tie Line Trunks\Delay Waiting for Reply	0
IACE Tie Line Trunks\ITTR feature / DC5A Inverted	False
IACE Tie Line Trunks\Controlled Release	True
IACE Tie Line Trunks\Release Acknowledge Timer	0
IACE Tie Line Trunks\Input Output Level	Trunk
IACE Tie Line Trunks\Trunk Type	Loop
IACE Tie Line Trunks\Paging	False
IACE Tie Line Trunks\Loop Feeding Signal Break Time	0
IACE Tie Line Trunks\Loop Feeding Sign.Make Time	0
IACI tie Line Trunks\Type 4 Wires	E-M
IACI tie Line Trunks\Delay Waiting for Ready to Receive	0
IACI tie Line Trunks\Delay Between Digits on Sending	0
IACI tie Line Trunks\Delay Before Send Ready to Receive	0
IACI tie Line Trunks\Delay Before Outdialling	5
IACI tie Line Trunks\Send Reply	True
IACI tie Line Trunks\Receive Reply	True
IACI tie Line Trunks\Reply Waiting Or Presumption Timer	0
IACI tie Line Trunks\Ignore Call Conflict	False
IACI tie Line Trunks\ Release by double pulse	False
AC15A/DC5 TL Trunks\Outgoing Seizure Acknowledgment	NO
AC15A/DC5 TL Trunks\Incoming Seizure Acknowledgment	NO
AC15A/DC5 TL Trunks\Seizure Acknowledgment Timer	0
AC15A/DC5 TL Trunks\Delay Before Sending Seizure Ack	0
AC15A/DC5 TL Trunks\Delay Before Outdialling	5
AC15A/DC5 TL Trunks\Delay Between Digits on Sending	0
AC15A/DC5 TL Trunks\Dial Tone Detection	False
AC15A/DC5 TL Trunks\Default Transmission	False
AC15A/DC5 TL Trunks\ITTR feature / DC5A Inverted	False
AC15A/DC5 TL Trunks\Busy Tone Connection	False
AC15A/DC5 TL Trunks\Send Reply	True
AC15A/DC5 TL Trunks\Receive Reply	True
AC15A/DC5 TL Trunks\Reply Waiting Or Presumption Timer	0
AC15A/DC5 TL Trunks\Earth On Idle	True
AC15A/DC5 TL Trunks\Ready to Receive Duration (x10ms)	20
AC15C Tie line Trunks\Dial Tone Detection	False
AC15C Tie line Trunks\Default Transmission	False
AC15C Tie line Trunks\ITTR feature / DC5A Inverted	False
AC15C Tie line Trunks\Busy Tone Connection	False
L0 Tie Line Trunks\Type 4 Wires	E-M
L0 Tie Line Trunks\Outgoing Seizure Acknowledgment	NO
L0 Tie Line Trunks\Incoming Seizure Acknowledgment	NO
L0 Tie Line Trunks\Seizure Acknowledgment Timer	0
L0 Tie Line Trunks\Delay Before Sending Seizure Ack	0
L0 Tie Line Trunks\Delay Before Outdialling	5
L0 Tie Line Trunks\Delay Between Digits on Sending	0
L0 Tie Line Trunks\Send Reply	True
L0 Tie Line Trunks\Receiving the Dialling	True



L0 Tie Line Trunks\Delay Waiting for Reply	0
L0 Tie Line Trunks\Variable Gain	False
L0 Tie Line Trunks\Ignore Call Conflict	False
L0 Tie Line Trunks\ITTR feature / DC5A Inverted	False
L0 Tie Line Trunks\Dial Tone Detection	False
L0 Tie Line Trunks\Default Transmission	False
EMPULSE Tie Line Trunks\Type 4 Wires	E-M
EMPULSE Tie Line Trunks\Outgoing Seizure Acknowledgment	NO
EMPULSE Tie Line Trunks\Incoming Seizure Acknowledgment	NO
EMPULSE Tie Line Trunks\Seizure Acknowledgment Timer	0
EMPULSE Tie Line Trunks\Delay Before Sending Seizure Ack	0
EMPULSE Tie Line Trunks\Delay Before Outdialling	5
EMPULSE Tie Line Trunks\Delay Between Digits on Sending	0
EMPULSE Tie Line Trunks\Send Reply	True
EMPULSE Tie Line Trunks\Receiving the Dialling	True
EMPULSE Tie Line Trunks\Delay Waiting for Reply	0
EMPULSE Tie Line Trunks\Protocol Type	0
EMPULSE Tie Line Trunks\Caller Release Ack	True
EMPULSE Tie Line Trunks\Caller Very Long Release	False
EMPULSE Tie Line Trunks\Caller Very Long Release Ack	False
EMPULSE Tie Line Trunks\Called Release Ack	True
EMPULSE Tie Line Trunks\Called Very Long Release	False
EMPULSE Tie Line Trunks\Called Very Long Release Ack	False
EMPULSE Tie Line Trunks\Variable Gain	False
EMPULSE Tie Line Trunks\Ignore Call Conflict	False
EMPULSE Tie Line Trunks\ITTR feature / DC5A Inverted	False
Manual Tie Line Trunks\Send Release Signal	True
Manual Tie Line Trunks\Send Ringing Tone Signal	True
Manual Tie Line Trunks\Timer Before Availaibility	100
Manual Tie Line Trunks\Seizure Duration in Transm.	25
Manual Tie Line Trunks\Release Duration in Transm.	25
Manual Tie Line Trunks\Min.Dur.Of Seiz.in Recept.	12
Manual Tie Line Trunks\Max.Dur.Of Seiz.in Recept.	37
Manual Tie Line Trunks\Min.Dur.Of Releas.in Recept.	100
Manual Tie Line Trunks\Max.Dur.Of Releas.in Recept.	250
Manual Tie Line Trunks\Line Type	Short line
T2 T0 ABC-F ISDN Trunks\Timer T303	100
T2 T0 ABC-F ISDN Trunks\Timer T304	300
T2 T0 ABC-F ISDN Trunks\Timer T310	1100
T2 T0 ABC-F ISDN Trunks\Timer T313	40
T2 T0 ABC-F ISDN Trunks\Timer T305	40
T2 T0 ABC-F ISDN Trunks\Timer T308	40
T2 T0 ABC-F ISDN Trunks\Timer T309	900
T2 T0 ABC-F ISDN Trunks\Timer T302	150
ABC-F Trunks\Timer T306	300
ABC-F Trunks\Timer T314	40
ABC-F Trunks\Timer T381	1200
ABC-F Trunks\Timer T383	1200
ABC-F Trunks\Timer T384	300
ABC-F Trunks\Timer T386	200
ABC-F Trunks\Timer T388	350
ABC-F Trunks\Timer T389	100
ABC-F Trunks\Timer T390	1800
ABC-F Trunks\Timer T392	50



ABC-F Trunks\Timer T397	100
ISDN trunks\Timer T301	1800
ISDN trunks\Timer T306	300
ISDN trunks\Timer T316	1200
ISDN trunks\Timer T317	900
ISDN trunks\Timer T322	40
DASS2 Trunks\Wait for Reply To Mess.Timer	100
DASS2 Trunks\Additional Info Timer	150
DASS2 Trunks\Illegal o/g Channel Timer	35
DPNSS Trunks\Wait for Reply To Mess.Timer	100
DPNSS Trunks\Additional Info Timer	150
DPNSS Trunks\Illegal o/g Channel Timer	40
DPNSS Trunks\DPNSS Inter Message Timer	40
DPNSS Trunks\Resolve Collision X (X/Y)	True
DDI NDDI Trunks - German\Line Type	Short line
DDI NDDI Trunks - German\Wait For Release Timer	300
DDI NDDI Trunks - German\DDI-Time Betw.Digits Recept.	150
DDI NDDI Trunks - German\NDDI-Loop feeding dig.mak.t.	60
DDI NDDI Trunks - German\NDDI-Loop feeding dig.brk t.	40
DDI NDDI Trunks - German\NDDI-Time Between Digits Send	8
DDI NDDI Trunks - German\NDDI-Timer Between Digits	150
DDI NDDI Trunks - German\NDDI-Default Transmission	NO
DDI NDDI Trunks - German\NDDI Def Trans Or Waiting Timer	100
DDI NDDI Trunks - German\NDDI Time For Availability	300
DDI NDDI Trunks - German\NDDI Off hook-presumpt.Time	0
ICNS Trunks\Timer T303	100
ICNS Trunks\Timer T305	30
ICNS Trunks\Timer T308	40
ICNS Trunks\Timer T316	1200
ICNS Trunks\Timer T399	200
MF CGCT Tie line Trunks\Wait Proceed To Send Timer	360
MF CGCT Tie line Trunks\Wait bef.sending acc.code	0
MF CGCT Tie line Trunks\Interdigit Timer on Sending	0
MF CGCT Tie line Trunks\Wait for Back Signal Timer	360
MF CGCT Tie line Trunks\Wait for Called Answer Timer	0
MF CGCT Tie line Trunks\Unavailable T.Betw.2 Seizes	10
MF CGCT Tie line Trunks\Received Nr Broadcasting	NO
MF CGCT Tie line Trunks\Wait bef.send.Proc.To Send	0
MF CGCT Tie line Trunks\Wait for Forward Signal Time	150
MF CGCT Tie line Trunks\Delay Between Digits on Receiving	300
MF CGCT Tie line Trunks\Back Signal Sending Delay	0
MF CGCT Tie line Trunks\Wait for Cd Release Timer	200
MF CGCT Tie line Trunks\Wait bef.send.Contr.Freq.	0
MF CGCT Tie line Trunks\Max.Sequence Duration	20
MF CGCT Tie line Trunks\Signal uphold Delay	0
5200 Trunks\T303	100
5200 Trunks\T308	40
Outgoing R1.5 Trunk\Type of dialling	D 50 50
Outgoing R1.5 Trunk\Interface Type BCAR15	Local
Outgoing R1.5 Trunk\Wait for Seizure Ack.Timer	10
Outgoing R1.5 Trunk\1st default dialling em.	True
Outgoing R1.5 Trunk\1st Default dial.Em.Delay	4
Outgoing R1.5 Trunk\2nd default dialling em.	False
Outgoing R1.5 Trunk\2nd Default dial.Em.Delay	10



Outgoing R1.5 Trunk\Timer End Of Dialing	80
Outgoing R1.5 Trunk\Timer Wait for Cd Answer	6000
Outgoing R1.5 Trunk\PABX Call No.	
Outgoing R1.5 Trunk\Fill Digit For Caller Id.	2
Outgoing R1.5 Trunk\Deft Category for Caller Ident.	4
Outgoing R1.5 Trunk\Special Tones Receiving	False
Outgoing R1.5 Trunk\VG For Called Party Busy	22
Outgoing R1.5 Trunk\Congestion Voice Guide	136
Outgoing R1.5 Trunk\Dec.Digit Pulse Duration	50
Outgoing R1.5 Trunk\Dec.Digit Pause Duration	50
Outgoing R1.5 Trunk\Dec.Inter Digit Time	7
Outgoing R1.5 Trunk\R1.5 Pulse Em.Delay	70
Outgoing R1.5 Trunk\R1.5 pulse duration	45
Outgoing R1.5 Trunk\R1.5 Pulse Detect Delay	30
Outgoing R1.5 Trunk\R1.5 Puls.Max.Valid.time	100
Outgoing R1.5 Trunk\Timer Wait For R1.5 Pulse	4000
Outgoing R1.5 Trunk\Line Type	Short line
Outgoing R1.5 Trunk\MF R1 Level	Low Level
Outgoing R1.5 Trunk\Trunk Signaling Type	Normal Bits
Incoming R1.5 Trunk\Type of dialling	D 50 50
Incoming R1.5 Trunk\Interface Type DDIR15	Local
Incoming R1.5 Trunk\Number of Digits Received	4
Incoming R1.5 Trunk\Number of Digits Used	4
Incoming R1.5 Trunk\Caller Identification	Requested
Incoming R1.5 Trunk\VG on Busy Cd party	22
Incoming R1.5 Trunk\VG on Inacc.Cd party	17
Incoming R1.5 Trunk\Congestion Voice Guide	136
Incoming R1.5 Trunk\Max.Dec.Digit Pulse Dur.	150
Incoming R1.5 Trunk\Max.Dec.Digit Pause Dur.	150
Incoming R1.5 Trunk\Dec.Inter Digit Time	200
Incoming R1.5 Trunk\R1.5 Pulse Em.Delay	70
Incoming R1.5 Trunk\R1.5 pulse duration	45
Incoming R1.5 Trunk\R1.5 Pulse Detect Delay	30
Incoming R1.5 Trunk\R1.5 Puls.Max.Valid.time	100
Incoming R1.5 Trunk\Timer Wait For R1.5 Pulse	250
Incoming R1.5 Trunk\Line Type	Short line
Incoming R1.5 Trunk\MF R1 Level	Low Level
Incoming R1.5 Trunk\Trunk Signaling Type	Normal Bits
Incoming R1.5 Trunk\R1.5 First Signal	B2 Signal
Mixed Trunk\Line Signalling	Default Signalling
Mixed Trunk\Exchange Type	W48
Mixed Trunk\Line Type	Short line
Mixed Trunk\2 or 4 Voice Wires	2 Wires
Mixed Trunk\Short Pulse Duration (x10ms)	15
Mixed Trunk\Long Pulse Duration (x10ms)	60
Outgoing Mixed Trunk\Outgoing Seizure Acknowledgment	NO
Outgoing Mixed Trunk\Seizure Acknowledgment Timer	0
Outgoing Mixed Trunk\Dial Tone Detection	False
Outgoing Mixed Trunk\Default Transmission	False
Outgoing Mixed Trunk\Default Transmission Delay	1
Outgoing Mixed Trunk\Type of Dialling	MF Q23
Outgoing Mixed Trunk\Digit Pulse Duration (ms)	0
Outgoing Mixed Trunk\Digit Pause Duration (ms)	0
Outgoing Mixed Trunk\Interdigit Timer on Sending	7



Outgoing Mixed Trunk\Wait for Called Party Answer	True
Outgoing Mixed Trunk\Wait for Called Answer Timer	1800
Outgoing Mixed Trunk\Release Method	Non Compelled Control
Outgoing Mixed Trunk\Wait for Called Re-Answer Timer	150
Outgoing Mixed Trunk\Unavailable Time Betw.2 Seizes	10
Incoming Mixed Trunk\Incoming Seizure Acknowledgment	NO
Incoming Mixed Trunk\Delay Before Sending Seizure Ack	0
Incoming Mixed Trunk\Dial Tone Connection	False
Incoming Mixed Trunk\Number of Digits Received	4
Incoming Mixed Trunk\Number of Digits Used	4
Incoming Mixed Trunk\Incoming DTMF Received	True
Incoming Mixed Trunk\Delay Between Digits on Receiving	150
Incoming Mixed Trunk\First Digit Authorized\Digit 0	1
Incoming Mixed Trunk\First Digit Authorized\Digit 1	1
Incoming Mixed Trunk\First Digit Authorized\Digit 2	1
Incoming Mixed Trunk\First Digit Authorized\Digit 3	1
Incoming Mixed Trunk\First Digit Authorized\Digit 4	1
Incoming Mixed Trunk\First Digit Authorized\Digit 5	1
Incoming Mixed Trunk\First Digit Authorized\Digit 6	1
Incoming Mixed Trunk\First Digit Authorized\Digit 7	1
Incoming Mixed Trunk\First Digit Authorized\Digit 8	1
Incoming Mixed Trunk\First Digit Authorized\Digit 9	1
Incoming Mixed Trunk\Routing to Attendant	Not used
Incoming Mixed Trunk\Open Dialling	False
Incoming Mixed Trunk\End of Selection	NO
Incoming Mixed Trunk\Send Called Party Answer	True
Incoming Mixed Trunk\Release Method	Non Compelled Control
Incoming Mixed Trunk\Wait for Called Re-Answer Timer	150
Trunk MF R1.5\Type of dialling	D 50 50
Trunk MF R1.5\Interface Type MF R1.5	Local
Trunk MF R1.5\Wait for Seizure Ack.Timer	10
Trunk MF R1.5\1st default dialling em.	True
Trunk MF R1.5\1st Default dial.Em.Delay	4
Trunk MF R1.5\2nd default dialling em.	False
Trunk MF R1.5\2nd Default dial.Em.Delay	10
Trunk MF R1.5\Timer End Of Dialing	80
Trunk MF R1.5\Timer Wait for Cd Answer	6000
Trunk MF R1.5\PABX Call No.	
Trunk MF R1.5\Fill Digit For Caller Id.	2
Trunk MF R1.5\Deft Category for Caller Ident.	4
Trunk MF R1.5\Special Tones Receiving	False
Trunk MF R1.5\Number of Digits Received	4
Trunk MF R1.5\Number of Digits Used	4
Trunk MF R1.5\Caller Identification	Requested
Trunk MF R1.5\VG on Busy Cd party	22
Trunk MF R1.5\VG on Inacc.Cd party	17
Trunk MF R1.5\Congestion Voice Guide	136
Trunk MF R1.5\Dec.Digit Pulse Duration	50
Trunk MF R1.5\Dec.Digit Pause Duration	50
Trunk MF R1.5\Dec.Inter Digit Time	200
Trunk MF R1.5\R1.5 Pulse Em.Delay	70
Trunk MF R1.5\R1.5 pulse duration	45
Trunk MF R1.5\R1.5 Pulse Detect Delay	30
Trunk MF R1.5\R1.5 Puls.Max.Valid.time	100



Trunk MF R1.5\Timer Wait For R1.5 Pulse	250
Trunk MF R1.5\Line Type	Short line
Trunk MF R1.5\MF R1 Level	Low Level
Trunk MF R1.5\Trunk Signaling Type	Normal Bits
Trunk MF R1.5\R1.5 First Signal	B2 Signal
Priorities\Routine frequency	R2AV F1
Priorities\Prioritary call frequency	R2AV F2
Priorities\Protected call frequency	R2AV F6
Priorities\Routine call priority level	0
Priorities\Protected call level	15
Priorities\Priority call level	15
Voice pipe trunk\2 or 4 Voice Wires	2 Wires
2280 BEMILCOM TL Trunks\Send Reply	True
2280 BEMILCOM TL Trunks\Receiving the Dialling	True
2280 BEMILCOM TL Trunks\Delay Waiting for Reply	0
2280 BEMILCOM TL Trunks\Delay Between Digits on Sending	7
2280 BEMILCOM TL Trunks\Delay Before Outdialling	5
2280 BEMILCOM TL Trunks\Reply by Pulse	True
2280 BEMILCOM TL Trunks\Controlled Release	False
2280 BEMILCOM TL Trunks\Dial Tone Detection	True
2280 BEMILCOM TL Trunks\Default Transmission	False
2280 BEMILCOM TL Trunks\Busy Tone Connection	True
2280 BEMILCOM TL Trunks\Seizure Pulse Time	12
2280 BEMILCOM TL Trunks\Answer Pulse Time	12
2280 BEMILCOM TL Trunks\Release Pulse Time	10
Radio channel trunk\2 or 4 Voice Wires	2 Wires
Radio channel trunk\Multi channel	False
Radio channel trunk\PTT DTMF	False
Radio channel trunk\Incoming DTMF Received	False
Radio channel trunk\Wait for Reply Timer	0ion:



## Board

Board	
Board Address	9
Interface Type	BPRA2
Administrative status	Enabled
Usage State	Busy
Operational State	Enabled
Main/Standby State	Main (Master)
Number Of Sets Being Connect.	4
Remote Shelf Address	255
Remote Board Address	255
Synchronisation Priority	255
IO2 With SPB	NO
AUXU Parameters 1	None
AUXU Parameters 2	None
AUXU Parameters 3	None
AUXU Parameters 4	None
CRC4	YES
Country Protocol Type	Default
Time Slots\0	0
Time Slots\1	1
Time Slots\2	1
Time Slots\3	1
Time Slots\4	1
Time Slots\5	1
Time Slots\6	1
Time Slots\7	1
Time Slots\8	1
Time Slots\9	1
Time Slots\10	1
Time Slots\11	1
Time Slots\12	1
Time Slots\13	1
Time Slots\14	1
Time Slots\15	1
Time Slots\16	0
Time Slots\17	1
Time Slots\18	1
Time Slots\19	1
Time Slots\20	1
Time Slots\21	1
Time Slots\22	1
Time Slots\23	1
Time Slots\24	1
Time Slots\25	1
Time Slots\26	1
Time Slots\27	1
Time Slots\28	1
Time Slots\29	1
Time Slots\30	1
Time Slots\31	1
Voice-->Data TS	YES



SU shelf Type	2 PCM Shelf
DECT Location area number	255
Send Init Dynamic Msg	False
Param By Default	True
Clock Mode	Internal
CPU with Optimized B Channel Access	NO
Board with DTM	False
Incidents Teleservice	YES
VG Recording Max.Duration	0
DASS2 Simulate Network	NO
DPNSS Layer 2 Address	A
ISDN Board Layer 2 Parameters\Retransmission Timer	100
ISDN Board Layer 2 Parameters\TEI Identity Check Timer	100
ISDN Board Layer 2 Parameters\Polling Timer	1000
ISDN Board Layer 2 Parameters\Nb_Of_Retransmission	3
ISDN Board Layer 2 Parameters\Max Frame Size (Bytes)	260
ISDN Board Layer 2 Parameters\Window Size In Frames SAPI S T0	1
ISDN Board Layer 2 Parameters\Window Size In Frames SAPI P T0	3
ISDN Board Layer 2 Parameters\Window Size In Frames SAPI S T2	7
ISDN Board Layer 2 Parameters\Window Size In Frames SAPI P T2	7
Number of configurated ports	4
Associated CPU	255
Number of configurated E1 ports	8
Synchronisation mode	Adaptative
In Band Signalling	NO
Passive board	NO
SS7 signalling	NO
PRA7 TS signalling	16
ISDN T2 on PRA7 board	NO
Use Data Compression	NO
Mutual Aid	YES
LIO Daughter Board	COMP6
INTIP Daughter Board	GIP6x1
Tone on Board	R2 Tone
Number of Used Compressors	0
GNISC in Rack	255
GNISC in position	255
Usage State	Slave
Atm address	
TS used on PCM 0	0
TS used on PCM 1	0
TS used on PCM 2	0
TS used on PCM 3	0
TS used on PCM 4	0
TS used on PCM 5	0
TS used on PCM 6	0
TS used on PCM 7	0
Daughter board equipped	NO
Nb of Compressors for Gateway	0
Nb of Compressors for IP Devices	0
Mode	Gateway IP
Voice Guide Language Index	1
CLIP Signalization	No CLIP
IVR Protocol	No IVR Protocol



4615 Present	NO
LIOE coupler 1 address	255
LIOE coupler 2 address	255
Associated BBC2 coupler	255
Associated BBC2 access	255
Board IP Version	IP Default
Use of volume in system	YES
Local volume (dB)	0
Network recording use	False
Remote node number	255

### Digital Access

Digital Access	
T0/T2 Access No.	3
Access Type	T0
Used Access	YES
Synchronisation Priority	9
Network Mode	NO
Max Nb Of Used B Channels	2
Max_Nb_Of_Compressed_B_Channels	0
Nb Of Signalization TS	1
TieLine Mode	NO
With Alarm	NO
Access Type S0	YES
Reserved1	YES
Reserved2	NO
Network Date Time Update	NO
CRC4	NO
Port Class	NOT SIG
Multiframe Type	SF
Line Type	Short Haul 0 to 35 meters
Pulses Encoding	AMI
Retransmission Timer	100
TEI Identity Check Timer	100
Polling Timer	1000
Nb_Of_Retransmission	3
Max Frame Size (Bytes)	260
Window Size In Frames SAPI S	7
Window Size In SAPI P	7
B Channel Rate	64K

### Digital Station Card

Board	
Board Address	2
Interface Type	UA 32
Administrative status	Enabled
Usage State	Active
Operational State	Enabled
Main/Standby State	Main (Master)
Number Of Sets Being Connect.	7
Remote Shelf Address	255



Remote Board Address	255
Synchronisation Priority	255
IO2 With SPB	NO
AUXU Parameters 1	None
AUXU Parameters 2	None
AUXU Parameters 3	None
AUXU Parameters 4	None
CRC4	NO
Country Protocol Type	Lithuania
Time Slots\0	0
Time Slots\1	1
Time Slots\2	1
Time Slots\3	1
Time Slots\4	1
Time Slots\5	1
Time Slots\6	1
Time Slots\7	1
Time Slots\8	1
Time Slots\9	1
Time Slots\10	1
Time Slots\11	1
Time Slots\12	1
Time Slots\13	1
Time Slots\14	1
Time Slots\15	1
Time Slots\16	0
Time Slots\17	1
Time Slots\18	1
Time Slots\19	1
Time Slots\20	1
Time Slots\21	1
Time Slots\22	1
Time Slots\23	1
Time Slots\24	1
Time Slots\25	1
Time Slots\26	1
Time Slots\27	1
Time Slots\28	1
Time Slots\29	1
Time Slots\30	1
Time Slots\31	1
Voice-->Data TS	YES
SU shelf Type	2 PCM Shelf
DECT Location area number	255
Send Init Dynamic Msg	False
Param By Default	True
Clock Mode	Internal
CPU with Optimized B Channel Access	NO
Board with DTM	False
Incidents Teleservice	YES
VG Recording Max.Duration	0
DASS2 Simulate Network	NO
DPNSS Layer 2 Address	A
ISDN Board Layer 2 Parameters\Retransmission Timer	100



```
ISDN Board Layer 2 Parameters\TEI Identity Check Timer    100
ISDN Board Layer 2 Parameters\Polling Timer              1000
ISDN Board Layer 2 Parameters\Nb_Of_Retransmission      3
ISDN Board Layer 2 Parameters\Max Frame Size (Bytes)    260
ISDN Board Layer 2 Parameters\Window Size In Frames SAPI S T0  1
ISDN Board Layer 2 Parameters\Window Size In Frames SAPI P T0  3
ISDN Board Layer 2 Parameters\Window Size In Frames SAPI S T2  7
ISDN Board Layer 2 Parameters\Window Size In Frames SAPI P T2  7
Number of configurated ports                            7
Associated CPU                                          255
Number of configurated E1 ports                        8
Synchronisation mode                                  Adaptative
In Band Signalling                                    NO
Passive board                                          NO
SS7 signalling                                         NO
PRA7 TS signalling                                    16
ISDN T2 on PRA7 board                                 NO
Use Data Compression                                  NO
Mutual Aid                                             YES
LIO Daughter Board                                    COMP6
INTIP Daughter Board                                  GIP6x1
Tone on Board                                          R2 Tone
Number of Used Compressors                            0
GNISC in Rack                                         255
GNISC in position                                     255
Usage State                                           Slave
Atm address
TS used on PCM 0                                       0
TS used on PCM 1                                       0
TS used on PCM 2                                       0
TS used on PCM 3                                       0
TS used on PCM 4                                       0
TS used on PCM 5                                       0
TS used on PCM 6                                       0
TS used on PCM 7                                       0
Daughter board equipped                               NO
Nb of Compressors for Gateway                         0
Nb of Compressors for IP Devices                     0
Mode                                                   Gateway IP
Voice Guide Language Index                            1
CLIP Signalization                                    No CLIP
IVR Protocol                                          No IVR Protocol
4615 Present                                          NO
LIOE coupler 1 address                                255
LIOE coupler 2 address                                255
Associated BBC2 coupler                                255
Associated BBC2 access                                255
Board IP Version                                      IP Default
Use of volume in system                               YES
Local volume (dB)                                    0
Network recording use                                 False
Remote node number                                    255
```



**Digital Station Detail:**

Users	
Directory Number	3003
Directory name	Female Doe
Directory First Name	
Location Node	1
Shelf Address	0
Board Address	2
Equipment Address	3
Set Type	4035T
Entity Number	1
Set Function	Default
Profile Name	
Key Profile	None
Identifier of Domain	0
Add On Module 1	None
Add On Module 2	None
Add On Module 3	None
External Alphanumeric Keyboard	None
Internal Alphanum.Keyboard	English
V24 Extension	False
S0 Extension	False
Mac/PC	NO
Z Adaptor	False
Language Id.	1
Secret Code	6<"
Associated Set No.	3003
Cost Center Id	255
Cost Center Name	
Charging Category	Justified
Public Network Category	2
External Forwarding Category	255
Tel.Facility Category Id	0
Connection Category Id	0
Hunting Group Dir No.	
ACD Group Directory No.	
Pick up Group Name	
Reserved Time Slot	False
Voice Mail Dir.No.	
Voice Mail Type	No Voice Mail
Voice Mail access without Code	False
Paging Trunk Group	255
Paging Beeper	
Called Associated Dect set	
Tele-Marketing Agent	False
ISDN Subscr.\External	True
ISDN Subscr.\Internal	False
ISDN Subscr.\Display ext. calling number	True
ISDN Teleservice	Phone
Hotel-Set Function	Administrative
Type of room	1
Use Type Of Dir. No.	Normal



Number Of Set Users	1
Call by name and mini mail	NO
Multiline station	NO
Multi-Line Properties\Automatic Incoming Seizure	False
Multi-Line Properties\Automatic Outgoing Seizure	False
Multi-Line Properties>Selective Filtering	False
Multi-Line Properties\Overflow on no reply	False
Multi-Line Properties\Overflow on busy	False
Multi-Line Properties\Take supervision off-hook	False
Multi-Line Properties\Automatic Outgoing Seizure for MLA	False
S0 Facility\User By Default	False
S0 Facility\Sub Address Use	False
Dialled number masked	NO
Access Code to UUS messages	NO
Routing Table	0
Associated Videophone	False
VIP (Very Important Pers.)	False
Secretary Directory Number	3003
Calls Priority	0
DATA Cx Category Id	0
Message Led	False
4040 With Minitel	NO
Minitel-4040 Connection Cat.	0
Pub Cat Id Minitel 4040	0
PCBT Associated	NO
Urgent Call	NO
Ext.Alarm Equipment	Alarm On Opened Loop
4630 Mail Box\4630 Voice Mail Type	Answer.-Recorder machine
4630 Mail Box\4630 COS\Network Prefixes authorized	YES
4630 Mail Box\4630 COS\Access to personal lists	NO
4630 Mail Box\4630 COS\General Lists Authorized	YES
4630 Mail Box\4630 COS\Voice Mail Manager	NO
4630 Mail Box\4630 COS\Ref.duration of Greeting	Normal
4630 Mail Box\4630 COS\Conversation authorized	YES
4630 Mail Box\4630 COS\Category of Greeting	Personal
4635 Mail Box\4635 Voice Mail Type	Voice Mail
4635 Mail Box\4635 COS	10
X25 dte	False
PIN (Personal Ident.No.)\PIN No.	
PIN (Personal Ident.No.)\PIN With Secret Code	True
PIN (Personal Ident.No.)\Type of control	By category
PIN (Personal Ident.No.)\PIN group number	1
Can Be Called By Name	YES
Phone book Name (Call by name)	Female Doe
Phone book First Name	
Displayed Name	Female Doe
Modem Trunk Group Info\Trunk Group Id	255
Modem Trunk Group Info\Trunk Number	255
Remote UA	False
Count Errors Of Secret Code	0
ACD station	NO
NS Right (Notification server)	NO
Incidents Teleservice	NO
Ghost Z	False



Ghost Z Feature	Without
VAD use for Ghost Z	False
CSTA routing	False
Cmf 4600 (DTMF frequencies)	False
Voice Guide listening Class	7
Caller Category	4
VSI Transparency	False
Type of Keyboard	Default keyboard
Count Errors Of Business Code	0
Stap	Off-hook
Tandem\Tandem Directory Number	
Tandem\Main set in the tandem	False
Tandem\Partial busy	False
Tandem\Ringin in partial busy	Long Ring
Tandem\Specific supervision	False
Use Personal Calling Number	False
Private Calling Number	
UA 3G features\Emulation	UA 3G
4035 Features\Navigator	UA 3G
PIN group control	No group
User PIN group	1
CCA operator	False
A4980	No 4980
Z IVR	False
NOMADIC	False
TAPIPremiumServer	NO
4615 Mail Box\4615 Voice Mail Type	Standard
4615 Mail Box\VMCOS4610IV	No Notification
Conference group	-1
Announcement group	-1
Call Restriction Category	0
Applicable Restriction Category	0
Implicit Priority\Activation mode	0
Implicit Priority\Priority Level	0
Explicit Priority\Activation mode	0
Explicit Priority\Priority Level	0
Preempter Primary Incoming Line	NO
Preempter Secondary Incoming Line	NO
Priority Presentation	NO
Ith service type	Not Valide
Ith activation mode	Ith explicite
Ith profile list	-1
Recorder Directory Number	



## Configuring the Local Voice Gateway (Cisco 3745)

### Sho Ver

```
3745#sho ver
Cisco Internetwork Operating System Software
IOS (tm) 3700 Software (C3745-IS-M), Version 12.2(12.12)T,  MAINTENANCE INTERIM
SOFTWARE
TAC Support: http://www.cisco.com/tac
Copyright (c) 1986-2002 by cisco Systems, Inc.
Compiled Sun 13-Oct-02 14:03 by ccai
Image text-base: 0x60008940, data-base: 0x61986000

ROM: System Bootstrap, Version 12.2(8r)T2, RELEASE SOFTWARE (fc1)

3745 uptime is 4 days, 51 minutes
System returned to ROM by power-on
System image file is "slot0:c3745-is-mz.122-12.12.T"

cisco 3745 (R7000) processor (revision 2.0) with 131072K/11264K bytes of memory.
Processor board ID JMX0631K03X
R7000 CPU at 350Mhz, Implementation 39, Rev 3.3, 256KB L2, 2048KB L3 Cache
Bridging software.
X.25 software, Version 3.0.0.
SuperLAT software (copyright 1990 by Meridian Technology Corp).
Basic Rate ISDN software, Version 1.1.
2 FastEthernet/IEEE 802.3 interface(s)
2 ISDN Basic Rate interface(s)
2 Voice FXS interface(s)
4 Voice NT or TE BRI interface(s)
DRAM configuration is 64 bits wide with parity disabled.
151K bytes of non-volatile configuration memory.
31360K bytes of ATA System CompactFlash (Read/Write)
125184K bytes of ATA Slot0 CompactFlash (Read/Write)

Configuration register is 0x2102

3745#
```

### Show Diag

```
3745#sho diag
c3700 IO-Board EEPROM:
  Hardware Revision      : 2.0
  Top Assy. Part Number  : 800-14462-01
  Board Revision        : B0
  Deviation Number      : 0-0
  Fab Version           : 03
  PCB Serial Number     : JAD06150N53
```





```

0x40: 30 36 33 31 4B 30 33 58 FF FF FF FF FF FF FF FF
0x50: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x60: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x70: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF

```

c3700 Mid-Plane EEPROM:

```

Hardware Revision      : 2.0
Top Assy. Part Number  : 800-12289-01
Board Revision         : A0
Deviation Number       : 0-0
Fab Version            : 05
PCB Serial Number      : CMD06090068
RMA Test History       : 00
RMA Number             : 0-0-0-0
RMA History            : 00
Calibration Data      : Minimum: -1 dBmV, Maximum: -1 dBmV
  Calibration values   : 0xFFFF 0xFFFF 0xFFFF 0xC306 0x0005 0x9A3A
                        0x7540 0x4300 0x50C2 0x8B4A 0x4D58 0x3036
                        0x3331 0x4B30 0x3358 0xFFFF 0xFFFF 0xFFFF
                        0xFFFF 0xFFFF 0xFFFF 0xFFFF 0xFFFF 0xFFFF
                        0xFFFF 0xFFFF 0xFFFF 0xFFFF 0xFFFF 0xFFFF
                        0xFFFF 0xFFFF 0xFFFF 0xFFFF 0xFFFF 0xFFFF
                        0xFFFF 0xFFFD 0x0110 0xDFAB 0x1234 0xCD00
                        0x0000 0x0000 0x0000 0x0061 0xB7A6 0x1060
                        0x5455 0x8863 0x7C7B 0x8C63 0x7C7A 0x8000
                        0x0000 0x2600 0x0000 0x00DC 0x5678 0xBBDE
                        0xADBE 0xEF00 0x0000 0x0061 0xB7A6 0x1060
                        0x4A0F 0xD062 0xA6ED 0x1863 0x7BD6 0x5800
                        0x0000 0x1400 0x0000 0x00BE 0xEFBA 0xCCBE
                        0xEFBA 0xCC00 0x0000 0x000D 0x0D0D 0x0D63
                        0x7BD6 0x6862 0xA6ED 0x1863 0x7CB5 0x840D
                        0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D
                        0x0D0D 0x0DAB 0x1234 0xCD00 0x0000 0x7863
                        0x2E22 0xE061 0xF631 0xC461 0x04BF 0x4463
                        0x7C7C 0x1C63 0x7C7B 0x2C80 0x0000 0x3400
                        0x0000 0x0100 0x0000 0x0062 0xB2D6 0x5062
                        0xB2D6 0x5062 0xB2D6 0x5063 0x7CE1 0x1C00
                        0x0000 0x0000 0x0000 0x0000 0x0000 0x4662
                        0x8600 0x0000 0x0000 0x0000 0x0000 0x0000
                        0x0000 0x0000 0x0000 0x0100 0x0000 0x0000
                        0x0000 0x0063 0x7C43 0x7C00 0x0000 0x0000
                        0x0000 0x0000 0x0000 0x0000 0x0000 0x0000
                        0x0000 0x0000 0x0000 0x0000 0x0000 0x0000
                        0x0000 0x0000 0x0000 0x0000 0x0000 0x00FD
                        0x0110 0xDFAB 0x1234 0xCD00 0x0000 0x8A63
                        0x3D5D 0x3861 0xB7A6 0xB461 0x0A92 0x1C63
                        0x7CB4 0x6863 0x7C7B 0xA000 0x001C 0x1200
                        0x0000 0x0061 0x0A95 0x70DE 0xADBE 0xEF61
                        0x0A95 0x7000 0x0000 0x000D 0x0D0D 0x0D63
                        0x1B20 0xB463 0x7E23 0xC40D 0x0D0D 0x0D0D
                        0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D
                        0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D
                        0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D
                        0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D

```



```

0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D
0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D
0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D 0x0D0D
0x0D0D 0x0D0D 0x0D0D

```

```

Chassis MAC Address      : 0005.9a3a.7540
MAC Address block size  : 80
Chassis Serial Number   : JMX0631K03X
EEPROM format version 4
EEPROM contents (hex):

```

```

0x00: 04 FF 40 03 3E 41 02 00 C0 46 03 20 00 30 01 01
0x10: 42 41 30 80 00 00 00 02 05 C1 8B 43 4D 44 30
0x20: 36 30 39 30 30 36 38 03 00 81 00 00 00 00 04 00
0x30: C8 09 FF FF FF FF FF FF FF FF C3 06 00 05 9A
0x40: 3A 75 40 43 00 50 C2 8B 4A 4D 58 30 36 33 31 4B
0x50: 30 33 58 FF FF FF FF FF FF FF FF FF FF FF FF FF
0x60: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x70: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF

```

```

Backplane TDM Switch :
Slot 0:

```

```

C3745 Mother board 2FE(TX)-3W Port adapter, 2 ports
Port adapter is analyzed
Port adapter insertion time unknown
EEPROM contents at hardware discovery:
PCB Serial Number      : JAD061802LB
Processor type         : 69
Top Assy. Part Number  : 800-15934-01
Board Revision         : E0
Fab Part Number        : 28-4672-04
Deviation Number       : 62248-65535
Manufacturing Test Data : FF FF FF FF FF FF FF FF
RMA Number             : 0-0-0-0
RMA History            : 00
RMA Test History       : 00
Field Diagnostics Data : FF FF FF FF FF FF FF FF
Hardware Revision      : 2.0
Fab Version            : 04
Chassis Serial Number  : JMX0631K03X
EEPROM format version 4
EEPROM contents (hex):

```

```

0x00: 04 FF C1 8B 4A 41 44 30 36 31 38 30 32 4C 42 09
0x10: 69 40 02 F7 C0 46 03 20 00 3E 3E 01 42 45 30 85
0x20: 1C 12 40 04 80 F3 28 FF FF C4 08 FF FF FF FF FF
0x30: FF FF FF 81 00 00 00 00 04 00 03 00 C5 08 FF FF
0x40: FF FF FF FF FF FF 41 02 00 02 04 C2 8B 4A 4D 58
0x50: 30 36 33 31 4B 30 33 58 FF FF FF FF FF FF FF FF
0x60: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x70: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF

```

```

Slot 1:

```

```

4 PORT Voice PM for MARs Port adapter
Port adapter is analyzed
Port adapter insertion time unknown
EEPROM contents at hardware discovery:
Hardware revision 1.1          Board revision D0

```



Serial number 15077168 Part number 800-02491-02  
FRU Part Number: NM-2V=

Test history 0x0 RMA number 00-00-00  
EEPROM format version 1  
EEPROM contents (hex):  
0x20: 01 65 01 01 00 E6 0F 30 50 09 BB 02 00 00 00 00  
0x30: 68 00 00 00 99 07 31 17 FF FF FF FF FF FF FF FF

WIC Slot 0:  
FXS Voice daughter card (2 port)  
Hardware revision 1.1 Board revision A0  
Serial number 26688484 Part number 800-02493-04  
Test history 0x0 RMA number 00-00-00  
Connector type Wan Module  
EEPROM format version 1  
EEPROM contents (hex):  
0x20: 01 0E 01 01 01 97 3B E4 50 09 BD 04 00 00 00 00  
0x30: 50 00 00 00 01 10 09 01 FF FF FF FF FF FF FF FF

Slot 4:

4 PORT Voice PM for MARs Port adapter  
Port adapter is analyzed  
Port adapter insertion time unknown  
EEPROM contents at hardware discovery:  
Hardware revision 1.1 Board revision H0  
Serial number 21979817 Part number 800-02491-02  
FRU Part Number: NM-2V=

Test history 0x0 RMA number 00-00-00  
EEPROM format version 1  
EEPROM contents (hex):  
0x20: 01 65 01 01 01 4F 62 A9 50 09 BB 02 00 00 00 00  
0x30: 88 00 00 00 01 01 03 17 FF FF FF FF FF FF FF FF

WIC Slot 0:  
NT or TE BRI Voice daughter card (2 port)  
Hardware revision 1.255 Board revision V7  
Serial number 4294967295 Part number 800-11534335-255  
Test history 0xFF RMA number 255-255-255  
Connector type PCI  
EEPROM format version 1  
EEPROM contents (hex):  
0x20: 01 32 01 FF FF FF FF FF FF FF FF FF FF FF FF FF  
0x30: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF

3745#

**Sho Config**

3745#sho config  
Using 1669 out of 155640 bytes



```
!  
version 12.2  
service timestamps debug datetime msec  
service timestamps log datetime msec  
no service password-encryption  
!  
hostname 3745  
!  
!  
ip subnet-zero  
!  
!  
isdn switch-type basic-qsig  
!  
!  
voice call carrier capacity active  
!  
!  
!  
!  
!  
!  
!  
mta receive maximum-recipients 0  
!  
!  
!  
!  
interface FastEthernet0/0  
  ip address 100.100.100.2 255.255.255.0  
  duplex auto  
  speed auto  
!  
interface FastEthernet0/1  
  ip address 10.1.1.26 255.255.255.0  
  duplex auto  
  speed auto  
!  
interface BRI4/0  
  no ip address  
  no ip route-cache  
  no ip mroute-cache  
  shutdown  
  isdn switch-type basic-qsig  
  isdn overlap-receiving  
  isdn protocol-emulate network  
  isdn layer1-emulate network  
  isdn incoming-voice voice  
  isdn sending-complete  
!  
interface BRI4/1
```



```
no ip address
no ip route-cache
no ip mroute-cache
isdn switch-type basic-qsig
isdn overlap-receiving
isdn protocol-emulate network
isdn layer1-emulate network
isdn incoming-voice voice
isdn sending-complete
!
ip classless
ip http server
!
!
!
!
call rsvp-sync
!
voice-port 1/0/0
  station-id name relatives
  station-id number 1000
  caller-id enable
!
voice-port 1/0/1
!
voice-port 4/0/0
  compand-type a-law
!
voice-port 4/0/1
!
!
mgcp profile default
!
!
!
dial-peer cor custom
!
!
!
dial-peer voice 1 pots
  destination-pattern 3...
  direct-inward-dial
  port 4/0/0
  prefix 3
!
dial-peer voice 2 voip
  destination-pattern 5...
  session target ipv4:100.100.100.1
!
dial-peer voice 3 voip
  destination-pattern 9...
  session target ipv4:100.100.100.1
!
dial-peer voice 4 pots
```



```
destination-pattern 2...
port 1/0/0
!
dial-peer voice 5 pots
destination-pattern 1000
port 1/0/0
!
!
line con 0
line aux 0
line vty 0 4
login
!
end
```



## Configuring the Remote Voice Gateway (Cisco 2650XM)

### Sho Version

```
Cisco Internetwork Operating System Software
IOS (tm) C2600 Software (C2600-IS-M), Version 12.2(12.12)T,  MAINTENANCE INTERIM
SOFTWARE
```

```
TAC Support: http://www.cisco.com/tac
Copyright (c) 1986-2002 by cisco Systems, Inc.
Compiled Mon 14-Oct-02 02:57 by ccai
Image text-base: 0x80008098, data-base: 0x8183168C
```

```
ROM: System Bootstrap, Version 12.2(7r) [cmong 7r], RELEASE SOFTWARE (fc1)
```

```
2650XM_BRI uptime is 5 days, 19 hours, 45 minutes
System returned to ROM by reload
System image file is "flash:c2600-is-mz.122-12.12.T"
```

```
cisco 2650XM (MPC860P) processor (revision 0x100) with 126976K/4096K bytes of me
memory.
```

```
Processor board ID JAD06150HXS (761445799)
M860 processor: part number 5, mask 2
Bridging software.
X.25 software, Version 3.0.0.
Basic Rate ISDN software, Version 1.1.
1 FastEthernet/IEEE 802.3 interface(s)
2 ISDN Basic Rate interface(s)
4 Voice NT or TE BRI interface(s)
32K bytes of non-volatile configuration memory.
49152K bytes of processor board System flash (Read/Write)
```

```
Configuration register is 0x2
```

### Sho Diag

```
2650XM_BRI#sho diag
```

```
Slot 0:
```

```
C2650XM 1FE Mainboard Port adapter, 1 port
Port adapter is analyzed
Port adapter insertion time unknown
EEPROM contents at hardware discovery:
Hardware Revision      : 1.0
PCB Serial Number     : JAD06150HXS (761445799)
Part Number           : 73-7755-02
RMA History           : 00
RMA Number            : 0-0-0-0
Board Revision        : A0
Deviation Number      : 0-0
EEPROM format version 4
EEPROM contents (hex):
0x00: 04 FF 40 03 6E 41 01 00 C1 17 4A 41 44 30 36 31
0x10: 35 30 48 58 53 20 28 37 36 31 34 34 35 37 39 39
0x20: 29 82 49 1E 4B 02 04 00 81 00 00 00 00 42 41 30
0x30: 80 00 00 00 00 FF FF FF FF FF FF FF FF FF FF
```



```
0x40: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x50: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x60: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
0x70: FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
```

Slot 1:

```
4 PORT Voice PM for C2600 Port adapter
Port adapter is analyzed
Port adapter insertion time unknown
EEPROM contents at hardware discovery:
Hardware revision 1.1          Board revision C0
Serial number 10560635        Part number 800-02491-02
FRU Part Number: NM-2V=
```

```
Test history 0x0              RMA number 00-00-00
EEPROM format version 1
EEPROM contents (hex):
0x20: 01 65 01 01 00 A1 24 7B 50 09 BB 02 00 00 00 00
0x30: 60 00 00 00 98 10 24 17 FF FF FF FF FF FF FF FF
```

VIC Slot 0:

```
NT or TE BRI Voice daughter card (2 port)
Hardware revision 1.0          Board revision E0
Serial number 28528711        Part number 800-07272-03
Test history 0x0              RMA number 00-00-00
```

```
Connector type PCI
EEPROM format version 1
EEPROM contents (hex):
0x20: 01 32 01 00 01 B3 50 47 50 1C 68 03 00 00 00 00
0x30: 70 00 00 00 02 08 02 00 FF FF FF FF FF FF FF FF
```

2650XM\_BRI#

**Show Config**

```
2650XM_BRI#sho config
Using 1308 out of 29688 bytes
!
version 12.2
service timestamps debug uptime
service timestamps log uptime
no service password-encryption
!
hostname 2650XM_BRI
!
boot system flash:c2600-is-mz.122-12.12.T
!
ip subnet-zero
!
!
no ip domain lookup
ip host danube 171.69.17.14
```



```
ip host dirt 171.69.1.129
ip host whiz 171.69.1.162
!
isdn switch-type basic-qsig
!
!
voice call carrier capacity active
!
!
!
!
!
!
!
!
mta receive maximum-recipients 0
!
!
!
!
interface FastEthernet0/0
 ip address 100.100.100.1 255.255.255.0
 duplex auto
 speed auto
!
interface BRI1/0
 no ip address
 isdn switch-type basic-qsig
 isdn overlap-receiving
 isdn incoming-voice voice
 isdn skipsend-idverify
!
interface BRI1/1
 no ip address
 isdn switch-type basic-qsig
!
ip classless
no ip http server
!
!
dialer-list 1 protocol ip permit
!
call rsvp-sync
!
voice-port 1/0/0
 compand-type a-law
!
voice-port 1/0/1
!
!
mgcp profile default
!
!
```



```
!  
dial-peer cor custom  
!  
!  
!  
dial-peer voice 1 pots  
  destination-pattern 5...  
  direct-inward-dial  
  port 1/0/0  
  prefix 5  
!  
dial-peer voice 3 voip  
  destination-pattern 3...  
  session target ipv4:100.100.100.2  
!  
dial-peer voice 2 voip  
  destination-pattern 4000  
  session target ipv4:100.100.100.2  
!  
dial-peer voice 5 pots  
  destination-pattern 5005  
!  
!  
line con 0  
line aux 0  
line vty 0 4  
  login  
line vty 5 15  
  login  
!  
!  
end
```



## Acronyms

Acronym	Definitions
BRI	Basic Rate ISDN

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