



# Alcatel 4400 Release 8.0 Using E1 QSIG to Cisco Unified Communications Manager release 7.0

December 1<sup>st</sup> 2008, Initial Version

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## Introduction

- This is an application note for connectivity between an Alcatel 4400 Release 8.0 PBX and Cisco Unified Communications Manager Release 7.0 using a Cisco 3825 voice gateway with MGCP and ISO QSIG protocol.
- The network topology diagrams (Figures 1 and 2) show the test setup for end-to-end interoperability with Cisco Unified Communications Manager Release 7.0 connected to the PBX via the 3825 E1 QSIG link as MGCP gateway. A NM-HDV and VWIC-2MFT-E1 were used for the E1 QSIG interfaces. Calls were made to test basic call, caller ID, conference, transfer, forward, call back, reroute, MWI, and path replacement features.
- Connectivity is achieved by using the QSIG ISDN switch type on the MGCP gateway with the Cisco Unified Communications Manager services parameter “QSIG variant” set to ISO, and ISO switch type on the Alcatel 4400 PBX.
- This Application Note uses the 3825 voice gateway. However, the use of other Cisco voice gateways is also an option since Cisco Unified Communications Manager QSIG implementation does not depend on the physical interface.

### Network Topology

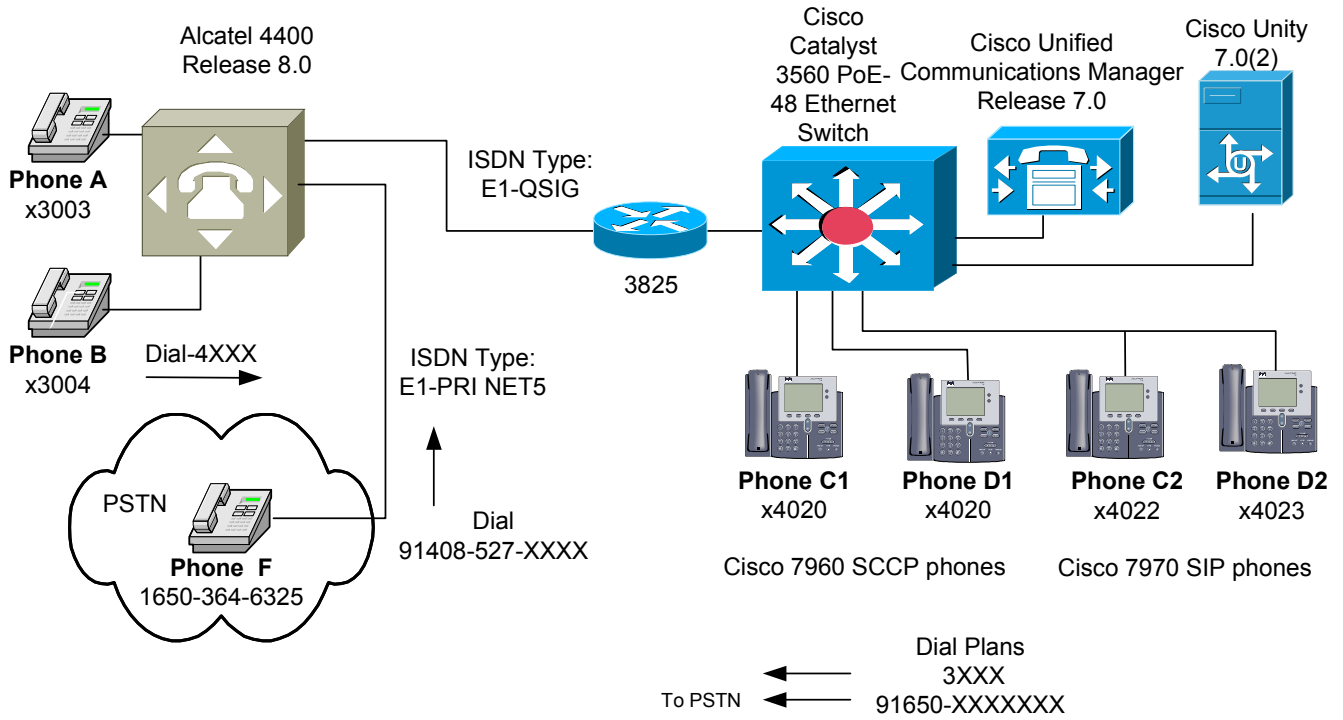


Figure 1. Basic Call Setup

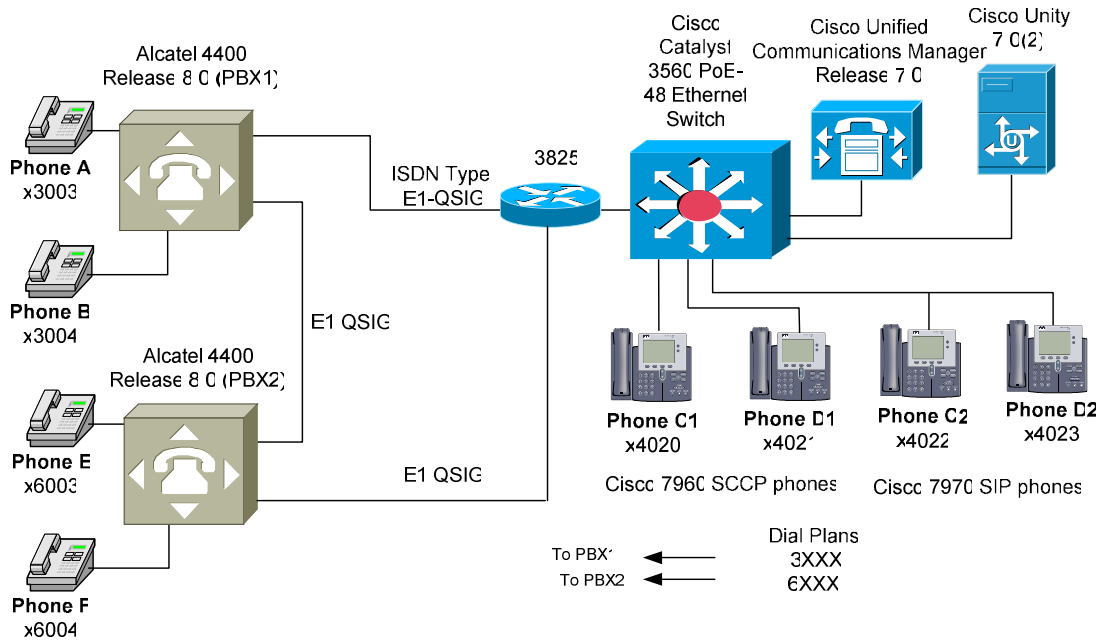


Figure 2. Path Replacement configuration

## Limitations

### Basic Calls – Overlap

- Connected number is sent from Cisco Unified Communications Manager, but not displayed on Alcatel phone when call is placed from the Alcatel to the Cisco IP phone.

### Network/External Call Forward by Join

- The Alcatel PBX does not support call forward by join. Instead, the Alcatel PBX performs call forward by reroute.

### Message Waiting Indicator (MWI)

- Cisco Unified Communications Manager cannot be the message center PINX for stations on the Alcatel 4400 Release 8.0 PBX. Similarly Alcatel 4400 Release 8.0 PBX with integrated voice mail system cannot be the message center PINX for stations on the Cisco Unified Communications Manager. This is because MWI across QSIG is not supported by the Alcatel 4400 Release 8.0 PBX.

## System Components

### Hardware Requirements

The following hardware is required:

- Cisco MCS 7800 Unified Communications Manager Appliance
- Cisco 3825 voice gateway
- Cisco 1700 voice gateway
- NM-HDV
- VWIC-2MFT-E1



- VIC-2FXS
- Analogue Phone Alcatel 2110 MB
- (2) Cisco Unified IP phone 7960
- (2) Cisco Unified IP phone 7970
- (2) Alcatel 4400 PBXs
- (4) PRA2 trunk cards

### **Software Requirements**

The following software is required:

- Cisco Unified Communications Manager Release 7.0
- Alcatel 4400 software release 8.0
- Cisco IOS Release 12.4(3a)

### **Features**

This section lists supported and unsupported features.

#### **Features Supported**

- Basic call, ENBLOC
- Basic call, Overlap (see Limitations section for additional information)
- Sending alerting name
- Sending busy name
- CLIP-Calling line (Number) identification presentation
- CLIR-Calling line (Number) identification restriction
- CNIP-Calling name identification presentation
- CNIR-Calling name identification restriction
- COLP-Connected line (Number) identification presentation
- COLR- Connected line (Number) identification restriction
- CONP-Connected name identification presentation
- CONR- Connected name identification restriction
- Tandem PSTN call
- Consultation transfer – Local
- Consultation transfer – Network/External
- Blind transfer – Local
- Blind transfer – Network/External
- Call forward unconditional by join – Local
- Call forward unconditional by join – Network/External (See Limitations section for details.)





- Call forward busy by join – Local
- Call forward busy by join – Network/External (See Limitations section for details.)
- Call forward no reply by join – Local
- Call forward no reply by join – Network/External (See Limitations section for details.)
- Call forward unconditional by reroute – Network/External
- Call forward busy by reroute – Network/External
- Call forward no reply by reroute – Network/External
- Call completion to busy subscriber (Call back when free)
- Call completion on no reply (Call back next used)
- Path replacement for call transfer by join
- Path replacement for trombone connection (accomplished by consultation transfer)
- MWI (see Limitations section for details.)

#### **Features Not Supported**

- Any Call forward (CFU, CFB, CFNR) by join from PBX. PBX always performs a reroute.
- Path replacement for call diversion by Forward Switch

#### **Configuration**

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

#### **Configuring the Alcatel 4400 PBX**

1. System Software Release
2. Configure “ISO Function” System Parameter.
3. Configure Board.
4. Configure PRI-ABC\_F Trunk Group
5. Configure PSTN Board
6. Configure PSTN Board Digital Access
7. Configure PSTN Trunk Group
8. Configure Remote Network
9. Configure Network Routing
10. Configure Network routing for “Overlap”
11. Configure Network routing Automatic Route Selection (ARS) for PSTN
12. Configure Network Routing “Own Node”.
13. Configure Digital Station
14. Configure Digital Station Phone Facilities



**System Software Version:**

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
  - Attendant
  - Users
  - Profiled Users
  - Set Profiles
  - Groups
  - Abbreviated Numbering
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Nodes Links
  - X25
  - DATA
  - Applications
  - Specific Telephone Services
  - Atm
  - Events Routing Discriminator
  - Security and Access Control
  - IP
  - SIP
  - DHCP Configuration
  - Alcatel-Lucent 8&9 Series
  - Encryption
  - Passive Com. Server
  - SNMP Configuration

Configuration

<b>Node Number (reserved)</b>	101
Version name	g1.503
CPU Id	e931
Patch No.	12
Notes	
Object Identity	
Node Number (reserved)	101
Ethernet Notes	
Netmask	255.255.255.0
Local CPU	
Name	nextiraone
IP Address	172.20.9.251
Twin Cpu	
Name	
IP Address	
Main Cpu	
Name	nextiraone
IP Address	172.20.9.251
StandBy Cpu	
Name	nextiraone
IP Address	172.20.9.251
SL Notes [ ]	
SL Notes	
Link Name	
Protocol	
Netmask	
Port	
IPX25 Tunnel Notes	
Netmask	255.255.0.0
Local Node	

All Action

[15:55:10] > Request 3 sent to Nextiraone.  
 [15:55:10] > Request 3 completed on Nextiraone: 17 instance(s) received.

Configuration: Nextiraone



## Configure "ISO Function" System Parameter

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:1	
Instance (reserved)	1
Trunk seizure via attendant	<input checked="" type="checkbox"/>
No On-hook tone detection	<input checked="" type="checkbox"/>
TrkGrp No.in ticket for transit call	<input checked="" type="checkbox"/>
VPN service	<input type="checkbox"/>
ISVPN Node No.	1
Nb Digits displayed on sets	16
Melody Ringing Type	1
Int.Call Ringing Cadence No	1
Ext.Call Ringing Cadence No	1
Executive Type Ringing Cadence No	1
Priority Call Cadence No	1
ISO Function	<input checked="" type="checkbox"/>
Booking B Channel	<input checked="" type="checkbox"/>
Uncontrol.Business Account Code	<input type="checkbox"/>
Business Pref.With Business No.	<input checked="" type="checkbox"/>
Business prefix with code	<input type="checkbox"/>
Follow-Me on Remote forwarding	<input type="checkbox"/>
BC HLC Fax	1
YG Recording Gain from an UA set	3
Calling Line Id.length	7
Nb Of Secret Code Errors	0
Transfer All Business Call Types	<input checked="" type="checkbox"/>
Attendt Keep Local on Enqu.cancel	<input type="checkbox"/>
Compatibility GF	<input checked="" type="checkbox"/>
Alphanumeric Char Enterina-mode?	<input checked="" type="checkbox"/>

Translator

```
[15:58:41] > Request 5 sent to Nextiraone.  
[15:58:41] > Request 5 completed on Nextiraone: 1 instance(s) received.
```

Configuration: Nextiraone



### Configure Board (Board 9)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:0	
Board Address	9
Interface Type	BPRA2
Usage State	Busy
Operational State	Enabled
Main/Standby State	Main (Master)
Number Of Sets Being Connect.	4
Country Protocol Type	Default
Incidents Teleservice	YES
ISDN Board Layer 2 Parameters	
Retransmission Timer	100
TEI Identity Check Timer	100
Polling Timer	1000
Nb_Of_Retransmission	3
Max Frame Size (Bytes)	260
T0 ISDN Board Layer 2 Parameters	
Window Size In Frames SAPI S T0	1
Window Size In Frames SAPI P T0	3
T2 ISDN Board Layer 2 Parameters	
Window Size In Frames SAPI S T2	7
Window Size In Frames SAPI P T2	7
Virtual board	NO
Serial Number	

All Action

[17:43:26] > Request 2 sent to Nextiraone.  
[17:43:27] > Request 2 completed on Nextiraone: 10 instance(s) received.

Configuration: Nextiraone



## Configure Board (Board 9) Digital Access

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:0:9	
<b>T0/T2 Access No.</b>	0
Access Type	T2
Board type	BPRA2
Synchronisation Priority	255
Network Mode	YES
Max Nb Of Used B Channels	30
Max_Nb_Of_Compressed_B_Channels	0
TieLine Mode	YES
With Alarm	NO
Reserved1	NO
Reserved2	NO
Network Date Time Update	NO
CRC4	YES
Mu Law for BEARER CAP	NO

All

[17:44:39] > Request 3 sent to Nextiraone.  
[17:44:39] > Request 3 completed on Nextiraone: 4 instance(s) received.

Configuration: Nextiraone





### Configure Board (Board 4)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:0	
Board Address	4
Interface Type	PRA2
Usage State	Busy
Operational State	Enabled
Main/Standby State	Main (Master)
Number Of Sets Being Connect.	1
Country Protocol Type	Default
Incidents Teleservice	YES
ISDN Board Layer 2 Parameters	
Retransmission Timer	100
TEI Identity Check Timer	100
Polling Timer	1000
Nb_Of_Retransmission	3
Max Frame Size (Bytes)	260
Passive board	NO
SS7 signalling	NO
T2 ISDN Board Layer 2 Parameters	
Window Size In Frames SAPI S T2	7
Window Size In Frames SAPI P T2	7
Virtual board	NO
Serial Number	

All Action

[17:44:39] > Request 3 sent to Nextiraone.  
[17:44:39] > Request 3 completed on Nextiraone: 4 instance(s) received.

Configuration: Nextiraone



### Configure Board (Board 4) Digital Access

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:0:4	
<b>T0/T2 Access No.</b>	0
Access Type	T2
Board type	PRA2
Synchronisation Priority	255
Network Mode	YES
Max Nb Of Used B Channels	30
Max_Nb_Of_Compressed_B_Channels	0
TieLine Mode	YES
With Alarm	NO
Reserved1	NO
Reserved2	NO
Network Date Time Update	NO
CRC4	YES
Mu Law for BEARER CAP	NO

All

[17:46:58] > Request 4 sent to Nextiraone.  
 [17:46:58] > Request 4 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone



## Configure PRI-ABC\_F Trunk Group (Trunk Group 0 for Board 9) 1 of 5

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone	
Trunk Group Id	0
Trunk Group Type	T2
Trunk Group Name	PRI-ABCF
UTF-8 Trunk Group Name	PRI-ABCF
Node number	1
Transcom Trunk Group	<input type="checkbox"/>
Auto.reserv.by Attendant	<input type="checkbox"/>
Overflow trunk group No.	-1
Tone on seizure	<input checked="" type="checkbox"/>
Private Trunk Group	<input type="checkbox"/>
Q931 signal variant	ABC-F
SS7 signal variant	No variant
Number Compatible With	-1
Number Of Digits To Send	4
Channel selection type	Quantum
Remote Network	3
Shared Trunk Group	<input type="checkbox"/>
auto.DTMF dialing on outgoing call	NO
T2 Specificity	None
Public Network Category	0
DDI transcoding	<input type="checkbox"/>
Special Services	Nothing
Can support UUS in SETUP	<input checked="" type="checkbox"/>
Implicit Priority	
Activation mode	0

All

[17:48:15] > Request 6 sent to Nextiraone.  
[17:48:15] > Request 6 completed on Nextiraone: 17 instance(s) received.

Configuration: Nextiraone





## Configure PRI-ABC\_F Trunk Group (Trunk Group 0 for Board 9) 2 of 5

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone	
Trunk Group Id	0
tone on seizure	<input checked="" type="checkbox"/>
Private Trunk Group	<input type="checkbox"/>
Q931 signal variant	ABC-F
S87 signal variant	No variant
Number Compatible With	-1
Number Of Digits To Send	4
Channel selection type	Quantum
Remote Network	3
Shared Trunk Group	<input type="checkbox"/>
auto.DTMF dialing on outgoing call	NO
T2 Specificity	None
Public Network Category	0
DDI transcoding	<input type="checkbox"/>
Special Services	Nothing
Can support UUS in SETUP	<input checked="" type="checkbox"/>
Implicit Priority	
Activation mode	0
Priority Level	0
Preempter	NO
Incoming calls Restriction categ.	10
Outgoing calls Restriction categ.	10
mpt1343 callee number	NO
Overlap dialing	YES
Call diversion in ISDN	NO

All

[17:48:15] > Request 6 sent to Nextiraone.  
[17:48:15] > Request 6 completed on Nextiraone: 17 instance(s) received.

Configuration: Nextiraone



### Configure PRI-ABC\_F Trunk Group (Trunk Group 0 for Board 9) 3 of 5

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:0	
Instance (reserved)	1
Trunk Group Type	72
Public Network Ref.	
Dialling end to end	NO
DTMF end to end signal.	NO
Trunk group used in DISA	NO
DISA Secret Code	
VG for non-existent No.	YES
Routing To Executive	NO
Trunk Category Id	18
Sending of Progress message	YES
Nb of digits unused (ISDN)	0
B Channel Choice	YES
Channels Reserved By Attend.	0
Dissuasion For ACD	NO
DTO joining	NO
Enquiry Call On B Channel	NO
Automated Attendant	NO
Calling party Rights category	0
Entity Number	1
TS Overflow	YES
Number To Be Added	
Supervised by Routing	NO
VPN Cost Limit for Incom.Calls	0
Immediat Trk l istening For VPN Call	YES

All Action

[17:50:55] > Request 7 sent to Nextiraone.  
[17:50:55] > Request 7 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone



## Configure PRI-ABC\_F Trunk Group (Trunk Group 0 for Board 9) 4 of 5

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:0

Instance (reserved)	1
TS Premium	1ES
Number To Be Added	
Supervised by Routing	NO
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	
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
Quality Profile for Voice on IP	Profile #1
IP compression type	Default
Use of volume in system	YES
External Access Server	NO
McdU Trk MonifCsta	
Announcement for Dialtone	NO
Announcement for Ringtone	NO
Private to Public Overflow	YES

All Action

[17:50:55] > Request 7 sent to Nextiraone.  
[17:50:55] > Request 7 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone



### Configure PRI-ABC\_F Trunk Group (Trunk Group 0 for Board 9) 5 of 5

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:0:1	
Physical Address	0-9-0
Access Type	72
Access Cluster Id	-1
Time Slots T2	01111111110000000000000000000000

All Action

[17:52:52] > Request 8 sent to Nextiraone.  
[17:52:53] > Request 8 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone





## Configure PRI-ABC\_F Trunk Group (Trunk Group 1 for Board 4) 1 of 5

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone	
Trunk Group Id	1
Trunk Group Type	T2
Trunk Group Name	PRI-ABCF
UTF-8 Trunk Group Name	PRI-ABCF
Node number	1
Transcom Trunk Group	<input type="checkbox"/>
Auto.reserv.by.Attendant	<input type="checkbox"/>
Overflow trunk group No.	-1
Tone on seizure	<input checked="" type="checkbox"/>
Private Trunk Group	<input type="checkbox"/>
Q931 signal variant	ABC-F
SS7 signal variant	No variant
Number Compatible With	-1
Number Of Digits To Send	4
Channel selection type	Quantum
Remote Network	0
Shared Trunk Group	<input type="checkbox"/>
auto.DTMF dialing on outgoing call	NO
T2 Specificity	None
Public Network Category	0
DDI transcoding	<input type="checkbox"/>
Special Services	Nothing
Can support UUS in SETUP	<input checked="" type="checkbox"/>
Implicit Priority	
Activation mode	0

All

[17:52:52] > Request 8 sent to Nextiraone.  
[17:52:53] > Request 8 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone



## Configure PRI-ABC\_F Trunk Group (Trunk Group 1 for Board 4) 2 of 5

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone	
Trunk Group Id	1
Force on seizure	<input checked="" type="checkbox"/>
Private Trunk Group	<input type="checkbox"/>
Q931 signal variant	ABC-F
SS7 signal variant	No variant
Number Compatible With	-1
Number Of Digits To Send	4
Channel selection type	Quantum
Remote Network	0
Shared Trunk Group	<input type="checkbox"/>
auto.DTMF dialing on outgoing call	NO
T2 Specificity	None
Public Network Category	0
DDI transcoding	<input type="checkbox"/>
Special Services	Nothing
Can support UUS in SETUP	<input checked="" type="checkbox"/>
Implicit Priority	
Activation mode	0
Priority Level	0
Preempter	NO
Incoming calls Restriction categ.	10
Outgoing calls Restriction categ.	10
mpt1343 callee number	NO
Overlap dialing	YES
Call diversion in ISDN	NO

All

[17:52:52] > Request 8 sent to Nextiraone.  
[17:52:53] > Request 8 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone



### Configure PRI-ABC\_F Trunk Group (Trunk Group 1 for Board 4) 3 of 5

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:1	
Instance (reserved)	1
Trunk Group Type	T2
Public Network Ref.	
Dialling end to end	NO
DTMF end to end signal.	NO
Trunk group used in DISA	NO
DISA Secret Code	
VG for non-existent No.	YES
Routing To Executive	NO
Trunk Category Id	18
Sending of Progress message	YES
Nb of digits unused (ISDN)	0
B Channel Choice	YES
Channels Reserved By Attend.	0
Disuasion For ACD	NO
DTO joining	NO
Enquiry Call On B Channel	NO
Automated Attendant	NO
Calling party Rights category	0
Entity Number	1
TS Overflow	YES
Number To Be Added	
Supervised by routing	NO
VPN Cost Limit for Incom.Calls	0
Immediate Trk L listening For VPN Call	YES

All Action

[17:55:56] > Request 9 sent to Nextiraone.  
 [17:56:00] > Request 9 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone



## Configure PRI-ABC\_F Trunk Group (Trunk Group 1 for Board 4) 4 of 5

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:1	
Instance (reserved)	1
Overview	1200
Number To Be Added	
Supervised by Routing	NO
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	
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
Quality Profile for Voice on IP	Profile #1
IP compression type	Default
Use of volume in system	YES
External Access Server	NO
McdU Trk MonitCsta	
Announcement for Dialtone	NO
Announcement for Ringtone	NO
Private to Public Overflow	YES

All Action

[17:55:56] > Request 9 sent to Nextiraone.  
 [17:56:00] > Request 9 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone





**Configure PRI-ABC\_F Trunk Group (Trunk Group 1 for Board 4) 5 of 5**

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:1:1	
Physical Address	0-4-0
Access Type	T2
Access Cluster Id	-1
Time Slots T2	0111111111111111111101111111111111111111

All Action

[17:56:44] > Request 10 sent to Nextiraone.  
 [17:56:44] > Request 10 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone



## Configure PSTN Board 9

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:1

Board Address	
Interface Type	PRA2
Usage State	Busy
Operational State	Enabled
Main/Standby State	Main (Master)
Number Of Sets Being Connect.	1
Country Protocol Type	Default
Incidents Teleservice	YES
ISDN Board Layer 2 Parameters	
Retransmission Timer	100
TEI Identity Check Timer	100
Polling Timer	1000
Nb_Of_Retransmission	3
Max Frame Size (Bytes)	260
Passive board	NO
SS7 signalling	NO
T2 ISDN Board Layer 2 Parameters	
Window Size In Frames SAPI S T2	7
Window Size In Frames SAPI P T2	7
Virtual board	NO
Serial Number	

All Action

[17:57:39] > Request 12 sent to Nextiraone.  
[17:57:39] > Request 12 completed on Nextiraone: 8 instance(s) received.

Configuration: Nextiraone



## Configure PSTN Board 9 Digital Access

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:1:9	
T0/T2 Access No.	0
Access Type	T2
Board type	PRA2
Synchronisation Priority	255
Network Mode	YES
Max Nb Of Used B Channels	30
Max_Nb_Of_Compressed_B_Channels	0
TieLine Mode	YES
With Alarm	NO
Reserved1	NO
Reserved2	NO
Network Date Time Update	NO
CRC4	YES
Mu Law for BEARER CAP	NO

All 1

[17:58:35] > Request 13 sent to Nextiraone.  
[17:58:35] > Request 13 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone



## Configure PSTN Trunk Group (Trunk Group 16 for Board 9) 1 of 4

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
  - Attendant
  - Users
  - Profiled Users
  - Set Profiles
  - Groups
  - Abbreviated Numbering
  - Phone Book
  - Entities
  - Trunk Groups
    - 0 T2 PRI-ABCF PRI-ABCF 1 No No -1 Yes
    - 1 T2 PRI-ABCF PRI-ABCF 1 No No -1 Yes
    - 3 LIA E M 2W E M 2W 1 No No -1 Yes
    - 4 MIXED test test 1 No No -1 No
    - 5 NDDI (BCA) NDDI NDDI 1 No No -1 No
    - 6 NDDI (BCA) NDDI NDDI 1 No No -1 Yes
    - 7 T0 BRI-QSIG BRI-QSIG 1 No No -1 Yes
    - 8 T0 BRI-ABCF BRI-ABCF 1 No No -1 Yes
    - 9 T0 BRI-ISDN BRI-ISDN 1 No No -1 Yes
    - 10 LIA E M 4W E M 4W 1 No No -1 Yes
    - 11 LIA pcm2 pcm2 1 No No -1 No
    - 12 T2 sip sip 1 No No -1 No
    - 13 T2 VOIP\_101 VOIP\_101 1 No No -1 No
    - 14 DPNSS dpnss\_NXO dpnss\_NXO 1 No -1 No
    - 16 T2 1 No No -1 Yes**
      - Trunk Group
      - Trunk Group NPD Selector

Configuration

Nextiraone	
Trunk Group Id	16
Trunk Group Type	72
Trunk Group Name	
UTF-8 Trunk group Name	
Node number	1
Transcom Trunk Group	<input type="checkbox"/>
Auto.reserv.by Attendant	<input type="checkbox"/>
Overflow trunk group No.	-1
Tone on seizure	<input checked="" type="checkbox"/>
Private Trunk Group	<input type="checkbox"/>
Q931 signal variant	ABC-F
SS7 signal variant	No variant
Number Compatible With	-1
Number Of Digits To Send	11
Channel selection type	Quantum
Remote Network	15
Shared Trunk Group	<input type="checkbox"/>
auto.DTMF dialing on outgoing call	YES
T2 Specificity	None
Public Network Category	0
DDI transcoding	<input type="checkbox"/>
Special Services	Nothing
Can support UUS in SETUP	<input checked="" type="checkbox"/>
Implicit Priority	
Activation mode	0
Priority Level	0
Preempter	NO
Incoming calls Restriction categ.	10
Outgoing calls Restriction categ.	10
mptf1343 callee number	NO
Overlap dialing	YES
Call diversion in ISDN	NO

2 Configuration: Nextiraone





## Configure PSTN Trunk Group (Trunk Group 16 for Board 9) 2 of 4

OmniVista 4760 - nextiraone:389 - AdminMnc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
  - Attendant
  - Users
  - Profiled Users
  - Set Profiles
  - Groups
  - Abbreviated Numbering
  - Phone Book
  - Entities
  - Trunk Groups
    - 0 T2 PRI-ABCF PRI-ABCF 1 No No -1 Yes
    - 1 T2 PRI-ABCF PRI-ABCF 1 No No -1 Yes
    - 3 LIA E M 2W E M 2W 1 No No -1 Yes
    - 4 MIXED test test 1 No No -1 No
    - 5 NDDI (BCA) NDDI NDDI 1 No No -1 No
    - 6 NDDI (BCA) NDDI NDDI 1 No No -1 Yes
    - 7 T0 BRI-QSIG BRI-QSIG 1 No No -1 Yes
    - 8 T0 BRI-ABCF BRI-ABCF 1 No No -1 Yes
    - 9 T0 BRI-ISDN BRI-ISDN 1 No No -1 Yes
    - 10 LIA E M 4W E M 4W 1 No No -1 Yes
    - 11 LIA pcm2 pcm2 1 No No -1 No
    - 12 T2 sip sip 1 No No -1 No
    - 13 T2 VOIP\_101 VOIP\_101 1 No No -1 No
    - 14 DPNSS dpnss\_NX0 dpnss\_NX0 1 No -1 No
    - 15 T2 SIP SIP 1 No No -1 No
    - 16 T2 1 No No -1 Yes
    - Trunk Group
      - 1 T2 NO NO
        - T2/T1/T0 Access
        - Trunk
        - Virtual Access for SIP
      - Trunk Group NPD Selector
    - 17 T1 CCS T1 Access T1 Access 1 No No -1 Yes
  - External Services
  - Inter-Nodes Links
  - X25
  - DATA
  - Applications
  - Specific Telephone Services
  - Atm
  - Events Routing Discriminator
  - Security and Access Control
  - IP
  - SIP
  - DHCP Configuration

Configuration

Nextiraone:16

Instance (reserved)	1
Trunk Group Type	72
Public Network Ref.	
Dialling end to end	NO
DTMF end to end signal.	NO
Trunk group used in DISA	NO
DISA Secret Code	
VG for non-existent No.	YES
Routing To Executive	NO
Trunk Category Id	18
Sending of Progress message	YES
Nb of digits unused (ISDN)	0
B Channel Choice	NO
Channels Reserved By Attend.	0
Dissuasion For ACD	NO
DTO joining	NO
Enquiry Call On B Channel	NO
Automated Attendant	NO
Calling party Rights category	0
Entity Number	1
TS Overflow	YES
Number To Be Added	
Supervised by Routing	NO
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	
LogicalChannel	1_15 & 17_31
TS Distribution on Accesses	YES

All Action

Configuration: Nextiraone



### Configure PSTN Trunk Group (Trunk Group 16 for Board 9) 3 of 4

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
  - Attendant
  - Users
  - Profiled Users
  - Set Profiles
  - Groups
  - Abbreviated Numbering
  - Phone Book
  - Entities
  - Trunk Groups
    - 0 T2 PRI-ABCF PRI-ABCF 1 No No -1 Yes
    - 1 T2 PRI-ABCF PRI-ABCF 1 No No -1 Yes
    - 3 LIA E M 2W E M 2W 1 No No -1 Yes
    - 4 MIXED test test 1 No No -1 No
    - 5 NDDI (BCA) NDDI NDDI 1 No No -1 No
    - 6 NDDI (BCA) NDDI NDDI 1 No No -1 Yes
    - 7 T0 BRI-QSIG BRI-QSIG 1 No No -1 Yes
    - 8 T0 BRI-ABCF BRI-ABCF 1 No No -1 Yes
    - 9 T0 BRI-ISDN BRI-ISDN 1 No No -1 Yes
    - 10 LIA E M 4W E M 4W 1 No No -1 Yes
    - 11 LIA pcm2 pcm2 1 No No -1 No
    - 12 T2 sip sip 1 No No -1 No
    - 13 T2 VOIP\_101 VOIP\_101 1 No No -1 No
    - 14 DPNSS dpnss\_NX0 dpnss\_NX0 1 No -1 No
    - 15 T2 SIP SIP 1 No No -1 No
    - 16 T2 1 No No -1 Yes
      - 1 T2 NO NO
        - T2/T1/T0 Access
        - Trunk
        - Virtual Access for SIP
      - Trunk Group NPD Selector
    - 17 T1 CCS T1 Access T1 Access 1 No No -1 Yes
  - External Services
  - Inter-Nodes Links
  - X25
  - DATA
  - Applications
  - Specific Telephone Services
  - Atm
  - Events Routing Discriminator
  - Security and Access Control
  - IP
  - SIP
  - DHCP Configuration

Configuration

Nextiraone:16

Instance (reserved)	1
Disuasion For ACD	NO
DTO joining	NO
Enquiry Call On B Channel	NO
Automated Attendant	NO
Calling party Rights category	0
Entity Number	1
TS Overflow	YES
Number To Be Added	
Supervised by Routing	NO
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	
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
Quality Profile for Voice on IP	Profile #1
IP compression type	Default
Use of volume in system	YES
External Access Server	NO
McdU Trk MonitCsta	
Announcement for Dialtone	NO
Announcement for Ringtone	NO
Private to Public Overflow	YES

All Action

2 Configuration: Nextiraone



### Configure PSTN Trunk Group (Trunk Group 16 for Board 9) 4 of 4

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
  - Attendant
  - Users
  - Profiled Users
  - Set Profiles
  - Groups
  - Abbreviated Numbering
  - Phone Book
  - Entities
  - Trunk Groups
    - 0 T2 PRI-ABCF PRI-ABCF 1 No No -1 Yes
    - 1 T2 PRI-ABCF PRI-ABCF 1 No No -1 Yes
    - 3 LIA E M 2W E M 2W 1 No No -1 Yes
    - 4 MIXED test test 1 No No -1 No
    - 5 NDDI (BCA) NDDI NDDI 1 No No -1 No
    - 6 NDDI (BCA) NDDI NDDI 1 No No -1 Yes
    - 7 T0 BRI-QSIG BRI-QSIG 1 No No -1 Yes
    - 8 T0 BRI-ABCF BRI-ABCF 1 No No -1 Yes
    - 9 T0 BRI-ISDN BRI-ISDN 1 No No -1 Yes
    - 10 LIA E M 4W E M 4W 1 No No -1 Yes
    - 11 LIA pcm2 pcm2 1 No No -1 No
    - 12 T2 sip sip 1 No No -1 No
    - 13 T2 VOIP\_101 VOIP\_101 1 No No -1 No
    - 14 DPNSS dpnss\_NX0 dpnss\_NX0 1 No -1 No
    - 15 T2 SIP SIP 1 No No -1 No
    - 16 T2 1 No No -1 Yes
    - Trunk Group
      - 1 T2 NO NO
        - T2/T1/T0 Access
          - 1-9-0 T2-1-01111111111111111111111111111111
          - Trunk
          - Virtual Access for SIP
        - Trunk Group NPD Selector
      - 17 T1 CCS T1 Access T1 Access 1 No No -1 Yes
    - External Services
    - Inter-Nodes Links
    - X25
    - DATA
    - Applications
    - Specific Telephone Services
    - Atm
    - Events Routing Discriminator
    - Security and Access Control
    - IP
    - SIP

Configuration

**Nextiraone:16:1**

Physical Address	1-9-0
Access Type	T2
Access Cluster Id	-1
Time Slots T2	01111111111111111111111111111111

All Action

Configuration: Nextiraone



## Configure Remote Network (Remote Network #3 for Trunk Group 0)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
    - 1
      - Prefix Plan
      - Suffix Plan
      - Numbering Plan
      - PIN (Personal Ident.No.)
      - PrivateCallProfile
      - External Numbering Scheme
      - Network Routing Table
        - 0 1 QSIG-GF 11 0-1-1
        - 1 1 QSIG-GF 11 0-1-1
        - 2 1 QSIG-GF 11 0-1-1
        - 3 1 QSIG-GF 11 0-1-1**
        - 4 1 Dependant on Bundle Type 11 0-1-1
        - 5 1 ABC\_F 11 0-1-1
        - 6 1 Dependant on Bundle Type 33 0-1-1
        - 7 1 ABC\_F 11 0-1-1
        - 8 1 ABC\_F 11 0-1-1
        - 9 1 ABC\_F 11 0-1-1
        - 10 1 ABC\_F 11 0-1-1
        - 11 1 QSIG-GF 11 0-1-1
        - 12 1 QSIG-GF 11 0-1-1
        - 13 1 Dependant on Bundle Type 11 0-1-1
        - 14 1 ABC\_F 11 0-1-1
        - 15 1 Dependant on Bundle Type 11 1-1-1
      - Automatic Route Selection
      - Called Filtered Number
      - ATM Address List
    - Categories
    - Attendant
    - Users
    - Profiled Users
    - Set Profiles
    - Groups
    - Abbreviated Numbering
    - Phone Book
    - Entities
    - Trunk Groups
    - External Services
    - Inter-Nodes Links
    - X25
    - DATA
    - Applications
    - Specific Telephone Services
    - Atm
    - Events Routing Discriminator

Configuration

Nextiraone:1	
Network Number	3
Rank of First Digit to be Sent	1
Incoming identification prefix	
Protocol Type	QSIG-GF
Numbering Plan Descriptor Id	11
ARS Route list	0
Schedule number	-1
ATM Address Id	-1
Network call prefix	
Town Name	
Send Town Name	<input type="checkbox"/>
Associated SIP gateway	-1
CMN available on QSIG-GF	<input type="checkbox"/>
Enable UTF8 names sending	<input checked="" type="checkbox"/>

All

1

Configuration: Nextiraone





## Configure Remote Network (Remote Network #0 for Trunk Group 1)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
    - 1
      - Prefix Plan
      - Suffix Plan
      - Numbering Plan
      - PIN (Personal Ident.No.)
      - PrivateCallProfile
      - External Numbering Scheme
      - Network Routing Table
        - 0 1 QSIG-GF 11 0-1-1
        - 1 1 QSIG-GF 11 0-1-1
        - 2 1 QSIG-GF 11 0-1-1
        - 3 1 QSIG-GF 11 0-1-1
        - 4 1 Dependant on Bundle Type 11 0-1-1
        - 5 1 ABC\_F 11 0-1-1
        - 6 1 Dependant on Bundle Type 33 0-1-1
        - 7 1 ABC\_F 11 0-1-1
        - 8 1 ABC\_F 11 0-1-1
        - 9 1 ABC\_F 11 0-1-1
        - 10 1 ABC\_F 11 0-1-1
        - 11 1 QSIG-GF 11 0-1-1
        - 12 1 QSIG-GF 11 0-1-1
        - 13 1 Dependant on Bundle Type 11 0-1-1
        - 14 1 ABC\_F 11 0-1-1
        - 15 1 Dependant on Bundle Type 11 1-1-1
      - Automatic Route Selection
      - Called Filtered Number
      - ATM Address List
    - Categories
    - Attendant
    - Users
    - Profiled Users
    - Set Profiles
    - Groups
    - Abbreviated Numbering
    - Phone Book
    - Entities
    - Trunk Groups
    - External Services
    - Inter-Nodes Links
    - X25
    - DATA
    - Applications
    - Specific Telephone Services
    - Atm

Configuration

Nextiraone:1

Network Number	0
Rank of First Digit to be Sent	1
Incoming identification prefix	
Protocol Type	QSIG-GF
Numbering Plan Descriptor Id	11
ARS Route list	0
Schedule number	-1
ATM Address Id	-1
Network call prefix	
Town Name	
Send Town Name	<input type="checkbox"/>
Associated SIP gateway	-1
CMN available on QSIG-GF	<input type="checkbox"/>
Enable UTF8 names sending	<input checked="" type="checkbox"/>

All

1

Configuration: Nextiraone



## Configure Remote Network (Remote Network #15 for Trunk Group 16)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
    - 1
      - Prefix Plan
      - Suffix Plan
      - Numbering Plan
      - PIN (Personal Ident.No.)
      - PrivateCallProfile
      - External Numbering Scheme
      - Network Routing Table
        - 0 1 QSIG-GF 11 0-1 -1
        - 1 1 QSIG-GF 11 0-1 -1
        - 2 1 QSIG-GF 11 0-1 -1
        - 3 1 QSIG-GF 11 0-1 -1
        - 4 1 Dependant on Bundle Type 11 0-1 -1
        - 5 1 ABC\_F 11 0-1 -1
        - 6 1 Dependant on Bundle Type 33 0-1 -1
        - 7 1 ABC\_F 11 0-1 -1
        - 8 1 ABC\_F 11 0-1 -1
        - 9 1 ABC\_F 11 0-1 -1
        - 10 1 ABC\_F 11 0-1 -1
        - 11 1 QSIG-GF 11 0-1 -1
        - 12 1 QSIG-GF 11 0-1 -1
        - 13 1 Dependant on Bundle Type 11 0-1 -1
        - 14 1 ABC\_F 11 0-1 -1
        - 15 1 Dependant on Bundle Type 11 1 -1 -1
      - Automatic Route Selection
      - Called Filtered Number
      - ATM Address List
    - Categories
    - Attendant
    - Users
    - Profiled Users
    - Set Profiles
    - Groups
    - Abbreviated Numbering
    - Phone Book
    - Entities
    - Trunk Groups
    - External Services
    - Inter-Nodes Links
    - X25
    - DATA
    - Applications
    - Specific Telephone Services
    - Atm

Configuration

Nextiraone:1

Network Number	
Rank of First Digit to be Sent	1
Incoming identification prefix	
Protocol Type	Dependant on Bundle Type
Numbering Plan Descriptor Id	11
ARS Route list	1
Schedule number	-1
ATM Address Id	-1
Network call prefix	
Town Name	
Send Town Name	<input type="checkbox"/>
Associated SIP gateway	-1
Enable UTF8 names sending	<input checked="" type="checkbox"/>

All

1

Configuration: Nextiraone



## Configure Network Routing 4XXX (Trunk Group 0)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- \*67 Local Features
- \*68 External Features
- \*69 External Features
- \*700 Professional trunk seize 0
- \*701 Professional trunk seize 1
- \*703 Professional trunk seize 3
- \*704 Professional trunk seize 4
- \*705 Professional trunk seize 5
- \*706 Professional trunk seize 6
- \*707 Professional trunk seize 7
- \*708 Professional trunk seize 8
- \*709 Professional trunk seize 9
- \*710 Professional trunk seize 10
- \*711 Professional trunk seize 11
- \*713 Professional trunk seize 13
- \*714 Professional TG With Overlapping 14
- \*716 Professional trunk seize 16
- \*80 Set features Charging meter readout
- \*81 Local Features
- \*82 Set features Overfl.no reply on associate
- \*83 Set features Set group entry
- \*84 Set features Protection against beeps
- \*85 Set features PadLock
- \*86 Set features Set In/Out of service
- \*87 Set features Password modification
- \*88 Set features Language
- \*89 Set features Associated Direct. No modif
- \*90 Local Features
- \*91 Set features Contrast programming
- \*92 Local Features
- \*93 Local Features
- \*94 Local Features
- \*95 Local Features
- \*98 Local Features
- \*99 External Features
- 2 Routing No. 2 0 4
- 3040 Direct Abbreviated No. 0
- 3123 Direct Abbreviated No. 1
- 3180 Direct Abbreviated No. 2
- 3999 Individ.Attendant Call 0
- 4 Routing No. 3 0 4**
- 6 Routing No. 3 0 4
- 6999 Network No. 0 1
- 7002 Direct Abbreviated No. 4
- 8 Routing No. 3 0 4
- 9 ARS Prof.Trq Grp Seizure
- Suffix Plan
- Numbering Plan
- PIN (Personal Ident.No.)
- PrivateCallProfile

Configuration

Nextiraone:1

Number	4
Prefix Meaning	Routing No.
Network Number	3
Node Number/ABC-F Trunk Group	0
Number of Digits	4
Number With Sub Address (ISDN)	NO
Default X25 Id.pref.	NO

All

2 Configuration: Nextiraone



## Configure Network Routing 6XXX (Trunk Group 1)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:1	
Number	6
Prefix Meaning	Routing No.
Network Number	3
Node Number/ABC-F Trunk Group	1
Number of Digits	4
Number With Sub Address (ISDN)	NO
Default X25 Id.pref.	NO

All

[10:48:48] > Request 26 sent to Nextiraone.  
[10:48:49] > Request 26 completed on Nextiraone: 97 instance(s) received.

Configuration: Nextiraone



## Configure Network Routing for "Overlap" (Trunk Group 0)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Search Users In Nextiraone

Users Where Directory Number Equal

Configuration

Nextiraone:1	
Number	**900
Prefix Meaning	Professional TG With Overlapping
Prefix Information	0
Private Route type	<input type="checkbox"/>

All

[10:48:48] > Request 26 sent to Nextiraone.  
[10:48:49] > Request 26 completed on Nextiraone: 97 instance(s) received.

Configuration: Nextiraone





## Configure Network Routing Automatic Route Selection (ARS) for PSTN (1 of 7)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Log on to 4760

Directory

Configuration

Reports

Alarms

Scheduler

Maintenance

Networks PCX

- \*98 Set features Language
- \*99 Set features Associated Direct. No modif.
- \*90 Local Features
- \*91 Set features Contrast programming
- \*92 Local Features
- \*93 Local Features
- \*94 Local Features
- \*95 Local Features
- \*98 Local Features
- \*99 External Features
- 2 Routing No. 2 0 4
- 3040 Direct Abbreviated No. 0
- 3123 Direct Abbreviated No. 1
- 3180 Direct Abbreviated No. 2
- 3999 Individ.Attendant Call 0
- 4 Routing No. 3 0 4
- 6 Routing No. 3 1 4
- 6999 Network No. 0 1
- 7002 Direct Abbreviated No. 4
- 8 Routing No. 3 0 4
- 9 ARS Prof.Trq Grp Seizure**

Suffix Plan

Numbering Plan

PIN (Personal Ident.No.)

PrivateCallProfile

External Numbering Scheme

Network Routing Table

Automatic Route Selection

Called Filtered Number

ATM Address List

Categories

Attendant

Users

Profiled Users

Set Profiles

Groups

Abbreviated Numbering

Phone Book

Entities

Trunk Groups

External Services

Inter-Nodes Links

X25

DATA

Applications

Specific Telephone Services

Atm

Events Routing Discriminator

Configuration

Nextiraone:1	
Number	9
Prefix Meaning	ARS Prof.Trq Grp Seizure
Discriminator Nr.	0

All

[10:48:48] > Request 26 sent to Nextiraone.  
[10:48:49] > Request 26 completed on Nextiraone: 97 instance(s) received.

2

Configuration: Nextiraone



## Configure Network Routing Automatic Route Selection (ARS) for PSTN (2 of 7)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- \*88 Set features Language
- \*89 Set features Associated Direct. No modif.
- \*90 Local Features
- \*91 Set features Contrast programming
- \*92 Local Features
- \*93 Local Features
- \*94 Local Features
- \*95 Local Features
- \*98 Local Features
- \*99 External Features
- 2 Routing No. 2 0 4
- 3040 Direct Abbreviated No. 0
- 3123 Direct Abbreviated No. 1
- 3180 Direct Abbreviated No. 2
- 3999 Individ Attendant Call 0
- 4 Routing No. 3 0 4
- 6 Routing No. 3 1 4
- 6999 Network No. 0 1
- 7002 Direct Abbreviated No. 4
- 8 Routing No. 3 0 4
- 9 ARS Prof.Trig Grp Seizure
- Suffix Plan
- Numbering Plan
- PIN (Personal Ident.No.)
- PrivateCallProfile
- External Numbering Scheme
- 1
- Numbering Discriminator
  - 0 public
    - Discriminator Rule
      - 1 1 0 -1 11
      - 1408 1 0 -1 11
      - 1650 1 1 -1 11
      - 2 1 0 -1 11
      - 3 1 0 -1 11
      - 4 1 0 -1 11
      - 5 1 0 -1 11
      - 6 1 0 -1 11
      - 7 1 0 -1 11
      - 8 1 0 -1 11
      - 9 1 0 -1 10
    - 1 private
  - Numbering\_Plan\_Descriptor (NPD)
  - DDI Number Translator
  - Default DDI Num. Translator
  - Node Access Prefix
  - Network Access Prefix
  - Ext.Callback Translation

Configuration

Nextiraone:1:1:0

Call Number	1408
Numbering Area	1
ARS Route List Number	0
Schedule Number	-1
Number of Digits	11

All

[10:52:32] > Request 29 sent to Nextiraone.  
[10:52:33] > Request 29 completed on Nextiraone: 11 instance(s) received.

2 Configuration: Nextiraone



### Configure Network Routing Automatic Route Selection (ARS) for PSTN (3 of 7)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- \*98 Set features Language
- \*99 Set features Associated Direct. No modif.
- \*90 Local Features
- \*91 Set features Contrast programming
- \*92 Local Features
- \*93 Local Features
- \*94 Local Features
- \*95 Local Features
- \*98 Local Features
- \*99 External Features
- 2 Routing No. 2 0 4
- 3040 Direct Abbreviated No. 0
- 3123 Direct Abbreviated No. 1
- 3180 Direct Abbreviated No. 2
- 3999 Individ Attendant Call 0
- 4 Routing No. 3 0 4
- 6 Routing No. 3 1 4
- 6999 Network No. 0 1
- 7002 Direct Abbreviated No. 4
- 8 Routing No. 3 0 4
- 9 ARS Prof.Trig Grp Seizure
- Suffix Plan
- Numbering Plan
- PIN (Personal Ident.No.)
- PrivateCallProfile
- External Numbering Scheme
- 1
- Numbering Discriminator
  - 0 public
    - Discriminator Rule
      - 1 1 0 -1 11
      - 1408 1 0 -1 11
      - 1650 1 1 -1 11
      - 2 1 0 -1 11
      - 3 1 0 -1 11
      - 4 1 0 -1 11
      - 5 1 0 -1 11
      - 6 1 0 -1 11
      - 7 1 0 -1 11
      - 8 1 0 -1 11
      - 9 1 0 -1 10
    - 1 private
  - Numbering\_Plan\_Descriptor (NPD)
  - DDI Number Translator
  - Default DDI Num. Translator
  - Node Access Prefix
  - Network Access Prefix
  - Ext.Callback Translation

Configuration

Nextiraone:1:1:0

Call Number	1650
Numbering Area	1
ARS Route List Number	1
Schedule Number	-1
Number of Digits	11

All

[10:52:32] > Request 29 sent to Nextiraone.  
[10:52:33] > Request 29 completed on Nextiraone: 11 instance(s) received.

Configuration: Nextiraone





## Configure Network Routing Automatic Route Selection (ARS) for PSTN (4 of 7)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Routing No. 304
- 9 ARS Prof.Trig Grp Seizure
- Suffix Plan
- Numbering Plan
- PIN (Personal Ident.No.)
- PrivateCallProfile
- External Numbering Scheme
- 1
- Numbering Discriminator
  - 0 public
    - Discriminator Rule
      - 1 1 0-1 11
      - 1 408 1 0-1 11
      - 1 1650 1 1-1 11
      - 1 2 10-1 11
      - 1 3 10-1 11
      - 1 4 10-1 11
      - 1 5 10-1 11
      - 1 6 10-1 11
      - 1 7 10-1 11
      - 1 8 10-1 11
      - 1 9 10-1 110
    - 1 private
  - Numbering\_Plan\_Descriptor (NPD)
  - DDI Number Translator
  - Default DDI Num. Translator
  - Node Access Prefix
  - Network Access Prefix
  - Ext.Callback Translation
  - Country Codes
  - Network Routing Table
  - Automatic Route Selection
    - 1
      - ARS Route list
        - 0 PSTN to CCM
          - ARS Route
            - 1 PSTN TO CUCM Route 0 0 9 0
          - Time Based Route List
          - 1 CUCM TO PSTN
        - ARS Schedule
        - ARS Calendar
        - Dialling Command Table
        - Authoris. Code Table
      - Called Filtered Number
      - ATM Address List
    - Categories
    - Attendant

Configuration

Nextiraone:1:1

ARS Route list	
Name	PSTN to CCM

All

[10:54:12] > Request 32 sent to Nextiraone.  
[10:54:12] > Request 32 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone



## Configure Network Routing Automatic Route Selection (ARS) for PSTN (5 of 7)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

0 Routing No. 304  
 9 ARS Prof.Trig Grp Seizure  
 Suffix Plan  
 Numbering Plan  
 PIN (Personal Ident.No.)  
 PrivateCallProfile  
 External Numbering Scheme

1  
 Numbering Discriminator  
 0 public  
 Discriminator Rule  
 1 1 0-1 11  
 1408 1 0-1 11  
 1650 1 1-1 11  
 2 1 0-1 11  
 3 1 0-1 11  
 4 1 0-1 11  
 5 1 0-1 11  
 6 1 0-1 11  
 7 1 0-1 11  
 8 1 0-1 11  
 9 1 0-1 11  
 1 private  
 Numbering\_Plan\_Descriptor (NPD)  
 DDI Number Translator  
 Default DDI Num. Translator  
 Node Access Prefix  
 Network Access Prefix  
 Ext.Callback Translation  
 Country Codes  
 Network Routing Table  
 Automatic Route Selection  
 1  
 ARS Route list  
 0 PSTN to CCM  
 ARS Route  
 1 PSTN TO CUCM Route 0 0 9 0  
 Time Based Route List  
 1 CUCM TO PSTN  
 ARS Schedule  
 ARS Calendar  
 Dialling Command Table  
 Authoris. Code Table  
 Called Filtered Number  
 ATM Address List  
 Categories  
 Attendant

Configuration

Nextiraone:1:1:0

Route	1
Name	PSTN TO CUCM
Trunk Group Source	Route
Trunk Group	0
Nb.Digits To Be Removed	0
Digits To Add	9
Dialling Command Tabl.Id	0
VPN Cost Limit	0
Protocol Type	QSIG-GF
NPD Identifier	34
Route Type	Public
ATM Address Id	-1
Preempter	<input type="checkbox"/>
Quality [ ]	Speech Fax Restricted Digital Information Unrestricted Digital Information

All

[10:54:12] > Request 32 sent to Nextiraone.  
 [10:54:12] > Request 32 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone



## Configure Network Routing Automatic Route Selection (ARS) for PSTN (6 of 7)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- 0 Routing No. 304
- 9 ARS Prof.Trig Grp Seizure
- Suffix Plan
- Numbering Plan
- PIN (Personal Ident.No.)
- PrivateCallProfile
- External Numbering Scheme
- 1
- Numbering Discriminator
  - 0 public
    - Discriminator Rule
      - 1 1 0-1 11
      - 1408 1 0-1 11
      - 1650 1 1-1 11
      - 2 1 0-1 11
      - 3 1 0-1 11
      - 4 1 0-1 11
      - 5 1 0-1 11
      - 6 1 0-1 11
      - 7 1 0-1 11
      - 8 1 0-1 11
      - 9 1 0-1 10
    - 1 private
      - Numbering\_Plan\_Descriptor (NPD)
      - DDI Number Translator
      - Default DDI Num. Translator
      - Node Access Prefix
      - Network Access Prefix
      - Ext.Callback Translation
      - Country Codes
      - Network Routing Table
      - Automatic Route Selection
        - 1
        - ARS Route list
          - 0 PSTN to CCM
            - ARS Route
              - 1 PSTN TO CUCM Route 0 0 9 0
              - Time Based Route List
            - 1 CUCM TO PSTN
          - ARS Schedule
          - ARS Calendar
          - Dialling Command Table
          - Authoris. Code Table
        - Called Filtered Number
        - ATM Address List
      - Categories
      - Attendant

Configuration

Nextiraone:1:1

ARS Route list	
Name	CUCM TO PSTN

All

[10:54:12] > Request 32 sent to Nextiraone.  
[10:54:12] > Request 32 completed on Nextiraone: 1 instance(s) received.

2

Configuration: Nextiraone



## Configure Network Routing Automatic Route Selection (ARS) for PSTN (7 of 7)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- 0 Routing No. 304
- 9 ARS Prof.Trig Grp Seizure
- Suffix Plan
- Numbering Plan
- PIN (Personal Ident.No.)
- PrivateCallProfile
- External Numbering Scheme
- 1
  - 0 public
    - Discriminator Rule
      - 1 1 0 -1 11
      - 1408 1 0 -1 11
      - 1650 1 1 -1 11
      - 2 1 0 -1 11
      - 3 1 0 -1 11
      - 4 1 0 -1 11
      - 5 1 0 -1 11
      - 6 1 0 -1 11
      - 7 1 0 -1 11
      - 8 1 0 -1 11
      - 9 1 0 -1 10
    - 1 private
      - Numbering\_Plan\_Descriptor (NPD)
      - DDI Number Translator
      - Default DDI Num. Translator
      - Node Access Prefix
      - Network Access Prefix
      - Ext.Callback Translation
      - Country Codes
      - Network Routing Table
      - Automatic Route Selection
        - 1
          - ARS Route list
            - 0 PSTN to CCM
              - ARS Route
                - 1 PSTN TO CUCM Route 0 0 9 0
                - Time Based Route List
              - 1 CUCM TO PSTN
                - ARS Route
                  - 1 CUCM to PSTN Route 16 0 0 0
                  - Time Based Route List
              - ARS Schedule
              - ARS Calendar
              - Dialling Command Table
              - Authoris.Code Table
              - Called Filtered Number

Configuration

Nextiraone:1:1:1

| Route                    | f                        |
|--------------------------|--------------------------|
| Name                     | CUCM to PSTN             |
| Trunk Group Source       | Route                    |
| Trunk Group              | 16                       |
| Nb.Digits To Be Removed  | 0                        |
| Digits To Add            |                          |
| Dialling Command Tabl.Id | 0                        |
| VPN Cost Limit           | 0                        |
| Protocol Type            | Dependant on Bundle Type |
| NPD Identifier           | 11                       |
| Route Type               | Public                   |
| ATM Address Id           | -1                       |
| Preempter                | <input type="checkbox"/> |
| Quality [ ]              | Speech                   |

All

[10:55:29] > Request 33 sent to Nextiraone.  
[10:55:30] > Request 33 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone



## Configure Network routing for "Overlap" (Trunk Group 1)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
    - Prefix Plan
      - # External Features
        - #4 External Features
        - #0 External Features
        - #1 Local Features
        - #2 Set features Personal Directory Use
        - #3 Set features Canc.auto.call back on busy
        - #40 Set features Forward cancellation
        - #41 Set features Forward cancel by de
        - #5 Set features Cancel Remote forward
        - #6 General Features
        - #7 General Features
        - #90 External Features
        - #91 Local Features
        - #92 Set features Cancel Overfl.on associate
        - #93 Set features Set group exit
        - #96 External Features
        - #96 Local Features
        - #97 Local Features
        - #98 Local Features
        - #99 Local Features
        - \*#1 Local Features
        - \*#2 External Features
        - \*#3 External Features
        - \*\*900 Professional TG With Overlapping 0
        - \*\*901 Professional TG With Overlapping 1**
        - \*\*903 Professional TG With Overlapping 3
        - \*\*904 Professional TG With Overlapping 4
        - \*\*905 Professional TG With Overlapping 5
        - \*\*906 Professional TG With Overlapping 6
        - \*\*907 Professional TG With Overlapping 7
        - \*\*908 Professional TG With Overlapping 8
        - \*\*909 Professional TG With Overlapping 9
        - \*\*910 Professional TG With Overlapping 10
        - \*\*911 Professional TG With Overlapping 11
        - \*\*917 Professional TG With Overlapping 17
        - \*0 External Features
        - \*1 External Features
        - \*2 Set features Personal directory Progr.
        - \*3 Local Features
        - \*40 Set features Immediate forward

Configuration

| Nextiraone:1       |                                  |
|--------------------|----------------------------------|
| Number             | **901                            |
| Prefix Meaning     | Professional TG With Overlapping |
| Prefix Information | 1                                |
| Private Route type | <input type="checkbox"/>         |

All

[10:55:29] > Request 33 sent to Nextiraone.  
[10:55:30] > Request 33 completed on Nextiraone: 1 instance(s) received.

Configuration: Nextiraone





### Configure Network Routing "Own Node". (Required to enabled 'Path Replacement')

The screenshot shows the Cisco Configuration Manager interface. The main window is titled "Configuration: Nextiraone". On the left, there is a navigation pane with icons for Log on to 4760, Directory, Configuration, Reports, Alarms, Scheduler, and Maintenance. The main area is divided into two panes. The left pane shows a tree view of network configurations under "PCX". The right pane shows a search and configuration area. The search area has "Users" selected in the "Where" dropdown and "Directory Number" selected in the "Equal" dropdown. The configuration area shows a table for "Nextiraone:1" with the following data:

| Nextiraone:1   |                       |
|----------------|-----------------------|
| Number         | 3100                  |
| Prefix Meaning | Local Features        |
| Local Features | Pabx address in DPNSS |

At the bottom of the window, there is a command line interface showing the following output:

```
[11:02:53] > Request 3 sent to Nextiraone.  
[11:02:53] > Request 3 completed on Nextiraone: 1 instance(s) received.
```



### Configure Digital Station (1 of 5)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
  - Attendant
  - Users
    - 3001 NextiraOne DT1 1 0 2 1
    - 3002 NextiraOne DT2 1 0 2 2
    - 3003 NextiraOne DT3 1 0 2 3**
    - 3004 NextiraOne DT4 1 0 2 4
    - 3005 NextiraOne DT5 1 0 2 5
    - 3006 NextiraOne DT6 1 0 2 6
    - 3010 alcatel IP-Phone0 1 255 255 255
    - 3011 Alcatel IP-Phone1 1 255 255 255
    - 3012 Alcatel IP-Phone2 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0
    - 3033 Daddy Doe 1 0 7 1
    - 3034 Brother Doe 1 0 7 2
    - 3035 Sister Doe 1 0 7 3
    - 3038 uk\_test\_1 1 255 255 255
    - 3039 uk\_test\_2 1 255 255 255
    - 3050 Alcatel SIP0 1 255 255 255
    - 3051 Alcatel SIP1 1 255 255 255
  - Profiled Users
  - Set Profiles
  - Groups
  - Abbreviated Numbering
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Nodes Links
  - X25
  - DATA
  - Applications
  - Specific Telephone Services
  - Atm
  - Events Routing Discriminator
  - Security and Access Control
  - IP
  - SIP
  - DHCP Configuration
  - Alcatel-Lucent 8&9 Series
  - Encryption
  - Passive Com Server

Configuration

| Nextiraone                     |                          |
|--------------------------------|--------------------------|
| Directory Number               | 3003                     |
| Directory name                 | NextiraOne               |
| Directory First Name           | DT3                      |
| UTF-8 Directory Name           |                          |
| UTF-8 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                  | <input type="checkbox"/> |
| S0 Extension                   | <input type="checkbox"/> |
| Mac/PC                         | NO                       |
| Z Adaptor                      | <input type="checkbox"/> |
| Language Id.                   | 1                        |
| Secret Code                    | ****                     |
| Associated Set No.             | 3003                     |
| Cost Center Id                 | 255                      |

General Characteristics PIN Assoc.Sets Rights Profile VoiceMail  
Facilities Set Characteristics Hotel SIP Miscellaneous All Action

[11:05:21] > Request 5 sent to Nextiraone.  
[11:05:21] > Request 5 completed on Nextiraone: 17 instance(s) received.

Configuration: Nextiraone



## Configure Digital Station (2 of 5)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
  - Attendant
  - Users
    - 3001 NextiraOne DT1 1 0 2 1
    - 3002 NextiraOne DT2 1 0 2 2
    - 3003 NextiraOne DT3 1 0 2 3**
    - 3004 NextiraOne DT4 1 0 2 4
    - 3005 NextiraOne DT5 1 0 2 5
    - 3006 NextiraOne DT6 1 0 2 6
    - 3010 alcatel IP-Phone0 1 255 255 255
    - 3011 Alcatel IP-Phone1 1 255 255 255
    - 3012 Alcatel IP-Phone2 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0
    - 3033 Daddy Doe 1 0 7 1
    - 3034 Brother Doe 1 0 7 2
    - 3035 Sister Doe 1 0 7 3
    - 3038 uk\_test\_1 1 255 255 255
    - 3039 uk\_test\_2 1 255 255 255
    - 3050 Alcatel SIP0 1 255 255 255
    - 3051 Alcatel SIP1 1 255 255 255
  - Profiled Users
  - Set Profiles
  - Groups
  - Abbreviated Numbering
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Nodes Links
  - X25
  - DATA
  - Applications
  - Specific Telephone Services
  - Atm
  - Events Routing Discriminator
  - Security and Access Control
  - IP
  - SIP
  - DHCP Configuration
  - Alcatel-Lucent 8&9 Series
  - Encryption
  - Passive Com Server

Configuration

| Nextiraone                   |                                     |
|------------------------------|-------------------------------------|
| Directory Number             | 3003                                |
| 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           | <input type="checkbox"/>            |
| Voice Mail Dir.No.           |                                     |
| Voice Mail Type              | No Voice Mail                       |
| Paging Trunk Group           | 255                                 |
| Paging Beeper                |                                     |
| Called Associated Dect set   |                                     |
| Tele-Marketing Agent         | <input type="checkbox"/>            |
| ISDN Subscr.                 |                                     |
| External                     | <input checked="" type="checkbox"/> |
| Internal                     | <input checked="" type="checkbox"/> |
| Display ext. calling number  | <input checked="" type="checkbox"/> |
| ISDN Teleservice             | Phone                               |
| Hotel-Set Function           | Administrative                      |
| Use Type Of Dir. No.         | Normal                              |
| Number Of Set Users          | 1                                   |
| Call by name and mini mail   | NO                                  |
| text msg number              | 8                                   |
| Multiline station            | NO                                  |

General Characteristics PIN Assoc.Sets Rights Profile VoiceMail  
Facilities Set Characteristics Hotel SIP Miscellaneous All Action

[11:05:21] > Request 5 sent to Nextiraone.  
[11:05:21] > Request 5 completed on Nextiraone: 17 instance(s) received.

Configuration: Nextiraone



### Configure Digital Station (3 of 5)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Log on to 4760

Directory

Configuration

Reports

Alarms

Scheduler

Maintenance

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
  - Attendant
  - Users
    - 3001 NextiraOne DT1 1 0 2 1
    - 3002 NextiraOne DT2 1 0 2 2
    - 3003 NextiraOne DT3 1 0 2 3**
    - 3004 NextiraOne DT4 1 0 2 4
    - 3005 NextiraOne DT5 1 0 2 5
    - 3006 NextiraOne DT6 1 0 2 6
    - 3010 alcatel IP-Phone0 1 255 255 255
    - 3011 Alcatel IP-Phone1 1 255 255 255
    - 3012 Alcatel IP-Phone2 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0
    - 3033 Daddy Doe 1 0 7 1
    - 3034 Brother Doe 1 0 7 2
    - 3035 Sister Doe 1 0 7 3
    - 3038 uk\_test\_1 1 255 255 255
    - 3039 uk\_test\_2 1 255 255 255
    - 3050 Alcatel SIP0 1 255 255 255
    - 3051 Alcatel SIP1 1 255 255 255
  - Profiled Users
  - Set Profiles
  - Groups
  - Abbreviated Numbering
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Nodes Links
  - X25
  - DATA
  - Applications
  - Specific Telephone Services
  - Atm
  - Events Routing Discriminator
  - Security and Access Control
  - IP
  - SIP
  - DHCP Configuration
  - Alcatel-Lucent 8&9 Series
  - Encryption
  - Passive Com Server

Configuration

| Nextiraone                         |                                     |
|------------------------------------|-------------------------------------|
| <b>Directory Number</b>            | 3003                                |
| Multi-Line Properties              |                                     |
| Automatic Incoming Seizure         | <input type="checkbox"/>            |
| Automatic Outgoing Seizure         | <input type="checkbox"/>            |
| Selective Filtering                | <input type="checkbox"/>            |
| Overflow on no reply               | <input type="checkbox"/>            |
| Overflow on busy                   | <input type="checkbox"/>            |
| Take supervision off-hook          | <input type="checkbox"/>            |
| Automatic Outgoing Seizure for MLA | <input type="checkbox"/>            |
| Dialled number masked              | NO                                  |
| Access Code to UUS messages        | NO                                  |
| Routing Table                      | 0                                   |
| Associated Videophone              | <input type="checkbox"/>            |
| VIP (Very Important Pers.)         | <input type="checkbox"/>            |
| Secretary Directory Number         | 3003                                |
| Calls Priority                     | 0                                   |
| PCBT Associated                    | NO                                  |
| Urgent Call                        | NO                                  |
| PIN (Personal Ident.No.)           |                                     |
| PIN No.                            |                                     |
| PIN With Secret Code               | <input checked="" type="checkbox"/> |
| Type of control                    | By category                         |
| PIN group number                   | 1                                   |
| Can Be Called By Name              | YES                                 |
| Phone book Name (Call by name)     | NextiraOne                          |
| Phone book First Name              | DT3                                 |
| Displayed Name                     | NextiraOne DT3                      |
| Remote UA                          | <input type="checkbox"/>            |

General Characteristics    PIN    Assoc.Sets    Rights    Profile    VoiceMail

Facilities    Set Characteristics    Hotel    SIP    Miscellaneous    All    Action

[11:05:21] > Request 5 sent to Nextiraone.  
[11:05:21] > Request 5 completed on Nextiraone: 17 instance(s) received.

2

Configuration: Nextiraone





## Configure Digital Station (4 of 5)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
  - Attendant
  - Users
    - 3001 NextiraOne DT1 1 0 2 1
    - 3002 NextiraOne DT2 1 0 2 2
    - 3003 NextiraOne DT3 1 0 2 3**
    - 3004 NextiraOne DT4 1 0 2 4
    - 3005 NextiraOne DT5 1 0 2 5
    - 3006 NextiraOne DT6 1 0 2 6
    - 3010 alcatel IP-Phone0 1 255 255 255
    - 3011 Alcatel IP-Phone1 1 255 255 255
    - 3012 Alcatel IP-Phone2 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0
    - 3033 Daddy Doe 1 0 7 1
    - 3034 Brother Doe 1 0 7 2
    - 3035 Sister Doe 1 0 7 3
    - 3038 uk\_test\_1 1 255 255 255
    - 3039 uk\_test\_2 1 255 255 255
    - 3050 Alcatel SIP0 1 255 255 255
    - 3051 Alcatel SIP1 1 255 255 255
  - Profiled Users
  - Set Profiles
  - Groups
  - Abbreviated Numbering
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Nodes Links
  - X25
  - DATA
  - Applications
  - Specific Telephone Services
  - Atm
  - Events Routing Discriminator
  - Security and Access Control
  - IP
  - SIP
  - DHCP Configuration
  - Alcatel-Lucent 8&9 Series
  - Encryption
  - Passive Com Server

Configuration

| Nextiraone                     |                          |
|--------------------------------|--------------------------|
| <b>Directory Number</b>        | 3003                     |
| Count Errors Of Secret Code    | 0                        |
| ACD station                    | NO                       |
| NS Right (Notification server) | NO                       |
| Incidents Teleservice          | NO                       |
| CSTA routing                   | <input type="checkbox"/> |
| Voice Guide listening Class    | 7                        |
| Caller Category                | 4                        |
| VSI Transparency               | <input type="checkbox"/> |
| Type of Keyboard               | Default keyboard         |
| Count Errors Of Business Code  | 0                        |
| Stap                           | Off-hook                 |
| Tandem                         |                          |
| Tandem Directory Number        |                          |
| Main set in the tandem         | <input type="checkbox"/> |
| Partial busy                   | <input type="checkbox"/> |
| Ringling in partial busy       | Long Ring                |
| Specific supervision           | <input type="checkbox"/> |
| Use Personal Calling Number    | <input type="checkbox"/> |
| UA 3G features                 |                          |
| Emulation                      | UA 3G                    |
| 4035 Features                  |                          |
| Navigator                      | UA 3G                    |
| PIN group control              | No group                 |
| CCA operator                   | <input type="checkbox"/> |
| A4980                          | No 4980                  |
| Z IVR                          | <input type="checkbox"/> |
| NOMADIC                        | <input type="checkbox"/> |

General Characteristics    PIN    Assoc.Sets    Rights    Profile    VoiceMail

Facilities    Set Characteristics    Hotel    SIP    Miscellaneous    All    Action

[11:05:21] > Request 5 sent to Nextiraone.  
[11:05:21] > Request 5 completed on Nextiraone: 17 instance(s) received.

2 Configuration: Nextiraone





## Configure Digital Station (5 of 5)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
  - Attendant
  - Users
    - 3001 NextiraOne DT1 1 0 2 1
    - 3002 NextiraOne DT2 1 0 2 2
    - 3003 NextiraOne DT3 1 0 2 3**
    - 3004 NextiraOne DT4 1 0 2 4
    - 3005 NextiraOne DT5 1 0 2 5
    - 3006 NextiraOne DT6 1 0 2 6
    - 3010 alcatel IP-Phone0 1 255 255 255
    - 3011 Alcatel IP-Phone1 1 255 255 255
    - 3012 Alcatel IP-Phone2 1 255 255 255
    - 3032 Mummy Doe 1 0 7 0
    - 3033 Daddy Doe 1 0 7 1
    - 3034 Brother Doe 1 0 7 2
    - 3035 Sister Doe 1 0 7 3
    - 3038 uk\_test\_1 1 255 255 255
    - 3039 uk\_test\_2 1 255 255 255
    - 3050 Alcatel SIP0 1 255 255 255
    - 3051 Alcatel SIP1 1 255 255 255
  - Profiled Users
  - Set Profiles
  - Groups
  - Abbreviated Numbering
  - Phone Book
  - Entities
  - Trunk Groups
  - External Services
  - Inter-Nodes Links
  - X25
  - DATA
  - Applications
  - Specific Telephone Services
  - Atm
  - Events Routing Discriminator
  - Security and Access Control
  - IP
  - SIP
  - DHCP Configuration
  - Alcatel-Lucent 8&9 Series
  - Encryption
  - Passive Com Server

Configuration

| Nextiraone                        |                            |
|-----------------------------------|----------------------------|
| Directory Number                  | 3003                       |
| A4980                             | No 4980                    |
| Z IVR                             | <input type="checkbox"/>   |
| NOMADIC                           | <input type="checkbox"/>   |
| TAPI premium server               | NO                         |
| Conference group                  | -1                         |
| Announcement group                | -1                         |
| Call Restriction Category         | 0                          |
| Applicable Restriction Category   | 0                          |
| Implicit Priority                 |                            |
| Activation mode                   | 0                          |
| Priority Level                    | 0                          |
| Explicit Priority                 |                            |
| Activation mode                   | 0                          |
| Priority Level                    | 0                          |
| Preempter Primary Incoming Line   | NO                         |
| Preempter Secondary Incoming Line | NO                         |
| Priority Presentation             | NO                         |
| lth service type                  | Not Valide                 |
| CUG List Number                   | -1                         |
| CUG Preferential                  | -1                         |
| CUG Outgoing Access               | <input type="checkbox"/>   |
| CUG Incoming Access               | <input type="checkbox"/>   |
| Automatical reconfiguration       | CTQ forbidden - Connect TO |
| Associated RSI                    |                            |
| URL UserName                      |                            |
| URL Domain                        |                            |
| Advanced Configuration            | <input type="checkbox"/>   |

General Characteristics    PIN    Assoc.Sets    Rights    Profile    VoiceMail

Facilities    Set Characteristics    Hotel    SIP    Miscellaneous    All    Action

[11:05:21] > Request 5 sent to Nextiraone.  
[11:05:21] > Request 5 completed on Nextiraone: 17 instance(s) received.

2 Configuration: Nextiraone



## Configure Digital Station Phone Facilities (1 of 8)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

Nextiraone

- Shelf
- Media Gateway
- Dect System
- System
- Translator
- Categories
- 1
  - Access Category
  - Connection Category
  - Transfer Category
  - Private Calls Connect.Categ.
  - Phone Facilities Categories
    - 0 000010000001000010000000011101000000
    - 1 000011000000000000000000011000000000
    - 2 000011000000000000000000011000000000
    - 3 000000000000000000000000000000000000
    - 4 000000000000000000000000000000000000
    - 5 000000000000000000000000000000000000
    - 6 000000000000000000000000000000000000
    - 7 000000000000000000000000000000000000
    - 8 000000000000000000000000000000000000
    - 9 000000000000000000000000000000000000
    - 10 000010000101100101101001011111101000
    - 11 000010000101100101101001011111101000
    - 12 011001011101100101101001011111101000
    - 13 000010000101100101101001011111101000
    - 14 111010000101100101101011011111101100
    - 15 11101110010101111110000001111100000
    - 16 0000000000000000000000000000000000
    - 17 0000000000000000000000000000000000
    - 18 0000000000000000000000000000000000
    - 19 0000000000000000000000000000000000
    - 20 0000000000000000000000000000000000
    - 21 0000000000000000000000000000000000
    - 22 0000000000000000000000000000000000
    - 23 0000000000000000000000000000000000
    - 24 0000000000000000000000000000000000
    - 25 0000000000000000000000000000000000
    - 26 0000000000000000000000000000000000
    - 27 0000000000000000000000000000000000
    - 28 0000000000000000000000000000000000
    - 29 0000000000000000000000000000000000
    - 30 111001111000000011000110000000000011
    - 31 1110111000000110110000000000000000
- Attendant
- Users

Configuration

Nextiraone:1

| Tel.Facility Category Id              |   |
|---------------------------------------|---|
| Rights Prot.against dir.call pickup   | 0 |
| Rights Protected against all intrudes | 0 |
| Rights Protected against set intrude  | 0 |
| Rights Outgoing calls only            | 0 |
| Rights Forward to external No.        | 1 |
| Rights Prot.against multi-l ringing   | 0 |
| Rights Protected against forwarding   | 0 |
| Rights Protected against beeps        | 0 |
| Rights Prot.against call announc.     | 0 |
| Rights Remote wake-up/appointment     | 0 |
| Rights Auto call back on busy trk-grp | 0 |
| Rights Transfer on no answer          | 1 |
| Rights ISDN remote charge service     | 0 |
| Rights Bypass on forwarding           | 0 |
| Rights Prot.against bypass onforward  | 0 |
| Rights Interphony                     | 0 |
| Rights Secret Code, Key Repertory     | 1 |
| Rights Night Serv.Answ.Pick up        | 0 |
| Rights Night Serv.Direct call pick-up | 0 |
| Rights Attendant Call Privil.on PAI   | 0 |
| Rights Busy priv.to public overfl.    | 0 |
| Rights Server-Minitel PC              | 0 |
| Rights Prot.against Priv.Call         | 0 |
| Rights Prot.against Rem.Forward.      | 0 |
| Rights Beep On Ext.Call               | 0 |
| Rights O/S private to_public overflow | 0 |
| Rights Transfer outgoing - incoming   | 1 |
| Rights Transfer Outgoing-Outgoing     | 1 |

All

[11:10:55] > Request 16 sent to Nextiraone.  
 [11:10:55] > Request 16 completed on Nextiraone: 32 instance(s) received.

Configuration: Nextiraone



## Configure Digital Station Phone Facilities (2 of 8)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

Nextiraone

- Shelf
- Media Gateway
- Dect System
- System
- Translator
- Categories
  - 1
    - Access Category
    - Connection Category
    - Transfer Category
    - Private Calls Connect.Categ.
    - Phone Facilities Categories
      - 0 000010000001000010000000011101000000
      - 1 0000110000000000000000001100000000
      - 2 0000110000000000000000001100000000
      - 3 00000000000000000000000000000000
      - 4 00000000000000000000000000000000
      - 5 00000000000000000000000000000000
      - 6 00000000000000000000000000000000
      - 7 00000000000000000000000000000000
      - 8 00000000000000000000000000000000
      - 9 00000000000000000000000000000000
      - 10 00001000010110010110100101111101000
      - 11 00001000010110010110100101111101000
      - 12 01100101110110010110100101111101000
      - 13 00001000010110010110100101111101000
      - 14 11101000010110010110101101111101100
      - 15 111011100101011111000000111100000
      - 16 00000000000000000000000000000000
      - 17 00000000000000000000000000000000
      - 18 00000000000000000000000000000000
      - 19 00000000000000000000000000000000
      - 20 00000000000000000000000000000000
      - 21 00000000000000000000000000000000
      - 22 00000000000000000000000000000000
      - 23 00000000000000000000000000000000
      - 24 00000000000000000000000000000000
      - 25 00000000000000000000000000000000
      - 26 00000000000000000000000000000000
      - 27 00000000000000000000000000000000
      - 28 00000000000000000000000000000000
      - 29 00000000000000000000000000000000
      - 30 1110011110000000110001100000000011
      - 31 11101110000001101100000000000000
- Attendant
- Users

Configuration

| Nextiraone:1                              |                          |
|---|--------------------------|
| Tel.Facility Category Id                  | 0                        |
| Rights Local Calls follow Ext. Forwarding | 1                        |
| Rights Mask Id.name Only for ext.calls    | 0                        |
| Rights Ringing tone In Handset            | 1                        |
| Rights Not received Mini Mail             | 0                        |
| Rights No Callback On Free Set            | 0                        |
| Rights No Callback On Busy Set            | 0                        |
| Rights Reserved                           | 0                        |
| Rights No substitution                    | 0                        |
| Rights Reserved                           | 0                        |
| Rights Lock Key                           | 0                        |
| Rights Prot.against Guest Private Call    | 0                        |
| Rights Prot.against VIP Private Call      | 0                        |
| Rights Prot.against Private Call res1     | 0                        |
| Rights Prot.against Private Call res2     | 0                        |
| Rights Prot.against Automatic answer      | 0                        |
| Rights Authorized DISA unlocking          | 0                        |
| Rights TempORIZED Call Release            | 0                        |
| Rights Calling name display (CNIP/-CNAM)  | 0                        |
| Rights Int. calls overflow if caller      | 0                        |
| Rights Int. calls overflow if called      | 0                        |
| Rights Record Authorization               | 0                        |
| Rights Casual Conference                  | 0                        |
| Rights Silence Connection on Agent        | 0                        |
| Rights Virtual set on CMP board           | 0                        |
| Rights Forward if MIPT/IP out of service  | 0                        |
| Routing Mode At Off Hook                  | NO Routing               |
| Inter-Company Calling Right               | <input type="checkbox"/> |
| Set features Immediate forward            | 1                        |

All

[11:10:55] > Request 16 sent to Nextiraone.  
[11:10:55] > Request 16 completed on Nextiraone: 32 instance(s) received.

Configuration: Nextiraone





### Configure Digital Station Phone Facilities (3 of 8)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

**Configuration: Nextiraone**

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
    - 1
      - Access Category
      - Connection Category
      - Transfer Category
      - Private Calls Connect.Categ.
      - Phone Facilities Categories
        - 0 000010000001000100000000111010000000
        - 1 000010000000000000000000110000000000
        - 2 000010000000000000000000110000000000
        - 3 000000000000000000000000000000000000
        - 4 000000000000000000000000000000000000
        - 5 000000000000000000000000000000000000
        - 6 000000000000000000000000000000000000
        - 7 000000000000000000000000000000000000
        - 8 000000000000000000000000000000000000
        - 9 000000000000000000000000000000000000
        - 10 000100001011001011010010111111010000
        - 11 000100001011001011010010111111010000
        - 12 011001011101100101101001011111010000
        - 13 000100001011001011010010111111010000
        - 14 111010001011001011010110101111101000
        - 15 1110110010101111100000011111000000
        - 16 000000000000000000000000000000000000
        - 17 000000000000000000000000000000000000
        - 18 000000000000000000000000000000000000
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        - 21 000000000000000000000000000000000000
        - 22 000000000000000000000000000000000000
        - 23 000000000000000000000000000000000000
        - 24 000000000000000000000000000000000000
        - 25 000000000000000000000000000000000000
        - 26 000000000000000000000000000000000000
        - 27 000000000000000000000000000000000000
        - 28 000000000000000000000000000000000000
        - 29 000000000000000000000000000000000000
        - 30 11100111000000110011000000000011
        - 31 1110111000001101100000000000000000
    - Attendant
    - Users

**Configuration**

**Nextiraone:1**

| Tel.Facility Category Id                  |   |
|---|---|
| Set features Immediate forward on busy    | 1 |
| Set features Forward on no reply          | 1 |
| Set features Forward on busy or no reply  | 1 |
| Set features Forward cancellation         | 1 |
| Set features Forward cancel.by destinat.  | 0 |
| Set features Overfl.no reply on associate | 0 |
| Set features Cancel Overfl.on associate   | 0 |
| Set features Set group exit               | 0 |
| Set features Set group entry              | 0 |
| Set features Protection against beeps     | 0 |
| Set features PadLock                      | 0 |
| Set features Auto-Allocation              | 0 |
| Set features Substitution                 | 0 |
| Set features Password modification        | 0 |
| Set features Charging meter readout       | 0 |
| Set features Do not disturb               | 0 |
| Set features Set Out/In of Service        | 1 |
| Set features Associated Direct. No modif. | 0 |
| Set features Remote forward               | 0 |
| Set features Cancel Remote forward        | 0 |
| Set features Unused                       | 0 |
| Set features Canc.auto.call back on busy  | 1 |
| Set features Personal directory Progr.    | 0 |
| Set features Personal Directory Use       | 0 |
| Set features Language                     | 0 |
| Set features Contrast programming         | 1 |
| Set features Alarm Consultation           | 0 |
| Set features Camp On Control              | 0 |

All

[11:10:55] > Request 16 sent to Nextiraone.  
 [11:10:55] > Request 16 completed on Nextiraone: 32 instance(s) received.

2

Configuration: Nextiraone



### Configure Digital Station Phone Facilities (4 of 8)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
    - 1
      - Access Category
      - Connection Category
      - Transfer Category
      - Private Calls Connect.Categ.
      - Phone Facilities Categories
        - 0 000010000001000010000000011101000000
        - 1 000011000000000000000000110000000000
        - 2 000011000000000000000000110000000000
        - 3 000000000000000000000000000000000000
        - 4 000000000000000000000000000000000000
        - 5 000000000000000000000000000000000000
        - 6 000000000000000000000000000000000000
        - 7 000000000000000000000000000000000000
        - 8 000000000000000000000000000000000000
        - 9 000000000000000000000000000000000000
        - 10 000010000101100101101001011111101000
        - 11 000010000101100101101001011111101000
        - 12 011001011101100101101001011111101000
        - 13 000010000101100101101001011111101000
        - 14 111010000101100101101011011111101100
        - 15 1110111001010111110000001111100000
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        - 29 0000000000000000000000000000000000
        - 30 1110011110000001100011000000000011
        - 31 1110111000000110110000000000000000

Configuration

| Nextiraone:1                                   |   |
|--|---|
| Tel.Facility Category Id                       |   |
| Set features Overf.busy to assoc.set           | 0 |
| Set features Overf.busy/no repl.assoc.set      | 0 |
| Set features Voice Guide Listening             | 0 |
| Set features Suite Don't Disturb               | 0 |
| Set features No Ringing                        | 0 |
| Set features Tandem : Absent Secretary         | 0 |
| Set features Tandem : Filtering activation     | 0 |
| Set features Force Set Type Identification     | 0 |
| Set features Privilege substitution            | 0 |
| Set features Ubiquity Mobile Programming       | 0 |
| Set features Ubiquity Assistant                | 0 |
| General Services Group call pick-up            | 1 |
| General Services Direct call pick-up           | 1 |
| General Services Processing group call pick up | 0 |
| Local Services Speed call to associated set    | 1 |
| Local Services Consult Call back list          | 1 |
| Local Services Last Caller Call back           | 1 |
| Local Services Paging call answer              | 0 |
| Local Services Voice Mail Consultation         | 0 |
| Local Services Wake-up/appointment remind      | 0 |
| Local Services Tone test                       | 0 |
| Local Services Collect telex                   | 0 |
| Local Services Collect text                    | 0 |
| Local Services Collect fax                     | 0 |
| Local Services Message deposit                 | 0 |
| Local Services Text deposit                    | 0 |
| Local Services Image deposit                   | 0 |
| Local Services ACD prefixes                    | 0 |

All

1

[11:10:55] > Request 16 sent to Nextiraone.  
[11:10:55] > Request 16 completed on Nextiraone: 32 instance(s) received.

Configuration: Nextiraone





### Configure Digital Station Phone Facilities (5 of 8)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
    - 1
      - Access Category
      - Connection Category
      - Transfer Category
      - Private Calls Connect.Categ.
      - Phone Facilities Categories
        - 0 0000100000100010000000011101000000
        - 1 0000100000000000000000011000000000
        - 2 0000100000000000000000011000000000
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        - 11 000010000101100101101001011111010000
        - 12 011001011101100101101001011111010000
        - 13 000010000101100101101001011111010000
        - 14 111010000101100101101011011111011000
        - 15 1110110010101111100000011111000000
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        - 25 0000000000000000000000000000000000
        - 26 0000000000000000000000000000000000
        - 27 0000000000000000000000000000000000
        - 28 0000000000000000000000000000000000
        - 29 0000000000000000000000000000000000
        - 30 1110011100000001100011000000000001
        - 31 1110111000000110110000000000000000

Configuration

| Nextiraone:1                               |   |
|--|---|
| Tel.Facility Category Id                   |   |
| Local Services Meet me Conference          | 0 |
| Local Services Cancel Wake-up              | 0 |
| Local Services Switch off Message LED      | 0 |
| Local Services Room status management      | 0 |
| Local Services Mini bar                    | 0 |
| Local Services Voice Mail Manager Access   | 0 |
| Local Services Conversation Recording      | 0 |
| Local Services Pabx address in DPNSS       | 0 |
| Local Services Direct Paging Call          | 0 |
| Local Services Infocenter                  | 0 |
| Local Services Voice Mail Deposit          | 0 |
| Local Services Select.Principal Line       | 0 |
| Local Services Select.Line secondary       | 0 |
| Local Services Z dialling Behind UA        | 0 |
| Local Services Mask remote identity        | 0 |
| Local Services Recordable Voice Guides     | 0 |
| Local Services Suite Wake Up               | 0 |
| Local Services Suite Wake Up Cancel        | 0 |
| Local Services Physical_Room_Call          | 0 |
| Local Services Under A4980 Control         | 0 |
| Local Services Manual Add On Conference    | 0 |
| Local Services Automatic Add On Conference | 0 |
| Local Services Announcement                | 0 |
| Local Services Automatic Answering         | 0 |
| Local Services Robinet                     | 0 |
| Local Services Explicit Priority           | 0 |
| Local Services Intercom Service Loop       | 0 |
| Local Services Explicit Precedence level   | 0 |

All

[11:10:55] > Request 16 sent to Nextiraone.  
[11:10:55] > Request 16 completed on Nextiraone: 32 instance(s) received.

Configuration: Nextiraone



## Configure Digital Station Phone Facilities (6 of 8)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

Configuration: Nextiraone

Networks PCX

Nextiraone

- Shelf
- Media Gateway
- Dect System
- System
- Translator
- Categories
  - 1
    - Access Category
    - Connection Category
    - Transfer Category
    - Private Calls Connect.Categ.
    - Phone Facilities Categories
      - 0 000010000001000100000000111010000000
      - 1 000011000000000000000000110000000000
      - 2 000011000000000000000000110000000000
      - 3 000000000000000000000000000000000000
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      - 5 000000000000000000000000000000000000
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      - 9 000000000000000000000000000000000000
      - 10 00010000101100101101001011111010000
      - 11 00001000010110010110100101111101000
      - 12 01100101110110010110100101111101000
      - 13 00001000010110010110100101111101000
      - 14 11101000010110010110101101111101100
      - 15 1110111001010111110000001111100000
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      - 26 0000000000000000000000000000000000
      - 27 0000000000000000000000000000000000
      - 28 0000000000000000000000000000000000
      - 29 0000000000000000000000000000000000
      - 30 1110011100000001100110000000000011
      - 31 1110111000000110110000000000000000
- Attendant
- Users

Configuration

Nextiraone:1

| Tel.Facility Category Id                     |   |
|--|---|
| Local Services CUG Call                      | 1 |
| Local Services Background Music              | 1 |
| External Services Direct trunk seizure       | 1 |
| External Services Business account code      | 0 |
| External Services Redial last number         | 1 |
| External Services Night service answering    | 0 |
| External Services DTMF frequencies test      | 0 |
| External Services Park Call/Retrieve         | 1 |
| External Services Waiting call Consultation  | 0 |
| External Services Decimal End to End Signal. | 1 |
| External Services DTMF End to End Signal.    | 1 |
| External Services Malicious call             | 0 |
| External Services Common Hold                | 0 |
| External Services Priority of Call           | 0 |
| External Services Secret/ Identity           | 1 |
| External Services Alphapage                  | 0 |
| External Services Manual Hold                | 1 |
| Suffixes Broker Call                         | 0 |
| Suffixes Three-Party conference              | 1 |
| Suffixes Intrude                             | 1 |
| Suffixes Ringback on free or busy set        | 1 |
| Suffixes Waiting Camp-on                     | 0 |
| Suffixes Loudspeaker paging                  | 0 |
| Suffixes Call announcement                   | 0 |
| Suffixes Enquiry Call                        | 1 |
| Suffixes Paging request                      | 0 |
| Suffixes Business number                     | 0 |
| Suffixes Decimal End To End Dialling         | 1 |

All

[11:10:55] > Request 16 sent to Nextiraone.  
 [11:10:55] > Request 16 completed on Nextiraone: 32 instance(s) received.

Configuration: Nextiraone



### Configure Digital Station Phone Facilities (7 of 8)

Configuration: Nextiraone

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
    - 1
      - Access Category
      - Connection Category
      - Transfer Category
      - Private Calls Connect.Categ.
      - Phone Facilities Categories
        - 0 00001000000100010000000011101000000
        - 1 00001000000000000000000011000000000
        - 2 00001100000000000000000011000000000
        - 3 000000000000000000000000000000000
        - 4 000000000000000000000000000000000
        - 5 000000000000000000000000000000000
        - 6 000000000000000000000000000000000
        - 7 000000000000000000000000000000000
        - 8 000000000000000000000000000000000
        - 9 000000000000000000000000000000000
        - 10 00001000010110010110100101111101000
        - 11 00001000010110010110100101111101000
        - 12 01100101110110010110100101111101000
        - 13 00001000010110010110100101111101000
        - 14 11101000010110010110101101111101100
        - 15 11101110010101111110000001111100000
        - 16 000000000000000000000000000000000
        - 17 000000000000000000000000000000000
        - 18 000000000000000000000000000000000
        - 19 000000000000000000000000000000000
        - 20 000000000000000000000000000000000
        - 21 000000000000000000000000000000000
        - 22 000000000000000000000000000000000
        - 23 000000000000000000000000000000000
        - 24 000000000000000000000000000000000
        - 25 000000000000000000000000000000000
        - 26 000000000000000000000000000000000
        - 27 000000000000000000000000000000000
        - 28 000000000000000000000000000000000
        - 29 000000000000000000000000000000000
        - 30 111001110000000110001100000000001
        - 31 111011100000011011000000000000000
    - Attendant
    - Users

| Nextiraone:1                        |   |
|-------------------------------------|---|
| Tel.Facility Category Id            | 0 |
| Suffixes DTMF End to End Dialling   | 1 |
| Suffixes Malicious Call             | 0 |
| Suffixes Voice Mail Message Deposit | 0 |
| Suffixes Camp On Control            | 0 |
| Suffixes Voice Mail Consultation    | 0 |
| Suffixes By pass on Do Not Distrub  | 0 |
| Abbreviated Dialling Area Area 0    | 1 |
| Abbreviated Dialling Area Area 1    | 1 |
| Abbreviated Dialling Area Area 2    | 1 |
| Abbreviated Dialling Area Area 3    | 1 |
| Abbreviated Dialling Area Area 4    | 1 |
| Abbreviated Dialling Area Area 5    | 1 |
| Abbreviated Dialling Area Area 6    | 1 |
| Abbreviated Dialling Area Area 7    | 1 |
| Abbreviated Dialling Area Area 8    | 1 |
| Abbreviated Dialling Area Area 9    | 1 |
| Abbreviated Dialling Area Area 10   | 1 |
| Abbreviated Dialling Area Area 11   | 1 |
| Abbreviated Dialling Area Area 12   | 1 |
| Abbreviated Dialling Area Area 13   | 1 |
| Abbreviated Dialling Area Area 14   | 1 |
| Abbreviated Dialling Area Area 15   | 1 |
| Abbreviated Dialling Area Area 16   | 1 |
| Abbreviated Dialling Area Area 17   | 1 |
| Abbreviated Dialling Area Area 18   | 1 |
| Abbreviated Dialling Area Area 19   | 1 |
| Abbreviated Dialling Area Area 20   | 1 |
| Abbreviated Dialling Area Area 21   | 1 |

[11:10:55] > Request 16 sent to Nextiraone.  
[11:10:55] > Request 16 completed on Nextiraone: 32 instance(s) received.





### Configure Digital Station Phone Facilities (8 of 8)

OmniVista 4760 - nextiraone:389 - AdminNmc

File Applications Security Preferences Window Help

**Configuration: Nextiraone**

Networks PCX

- Nextiraone
  - Shelf
  - Media Gateway
  - Dect System
  - System
  - Translator
  - Categories
    - 1
      - Access Category
      - Connection Category
      - Transfer Category
      - Private Calls Connect.Categ.
      - Phone Facilities Categories
        - 0 00001000000100010000000011101000000
        - 1 00001100000000000000000011000000000
        - 2 00001100000000000000000001100000000
        - 3 00000000000000000000000000000000000
        - 4 00000000000000000000000000000000000
        - 5 00000000000000000000000000000000000
        - 6 00000000000000000000000000000000000
        - 7 00000000000000000000000000000000000
        - 8 00000000000000000000000000000000000
        - 9 00000000000000000000000000000000000
        - 10 00010000101100101101001011111101000
        - 11 00001000010110010110100101111101000
        - 12 01100101110110010110100101111101000
        - 13 00001000010110010110100101111101000
        - 14 11101000010110010110101101111101100
        - 15 111011001010111110000001111100000
        - 16 000000000000000000000000000000000
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        - 18 000000000000000000000000000000000
        - 19 000000000000000000000000000000000
        - 20 000000000000000000000000000000000
        - 21 000000000000000000000000000000000
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        - 26 000000000000000000000000000000000
        - 27 000000000000000000000000000000000
        - 28 000000000000000000000000000000000
        - 29 000000000000000000000000000000000
        - 30 111001110000000110001100000000001
        - 31 111011100000011011000000000000000

Configuration

| Nextiraone:1                      |                     |
|-----------------------------------|---------------------|
| Tel.Facility Category Id          | 0                   |
| Abbreviated Dialling Area Area 15 | 1                   |
| Abbreviated Dialling Area Area 16 | 1                   |
| Abbreviated Dialling Area Area 17 | 1                   |
| Abbreviated Dialling Area Area 18 | 1                   |
| Abbreviated Dialling Area Area 19 | 1                   |
| Abbreviated Dialling Area Area 20 | 1                   |
| Abbreviated Dialling Area Area 21 | 1                   |
| Abbreviated Dialling Area Area 22 | 1                   |
| Abbreviated Dialling Area Area 23 | 1                   |
| Abbreviated Dialling Area Area 24 | 1                   |
| Abbreviated Dialling Area Area 25 | 1                   |
| Abbreviated Dialling Area Area 26 | 1                   |
| Abbreviated Dialling Area Area 27 | 1                   |
| Abbreviated Dialling Area Area 28 | 1                   |
| Abbreviated Dialling Area Area 29 | 1                   |
| Abbreviated Dialling Area Area 30 | 1                   |
| Abbreviated Dialling Area Area 31 | 1                   |
| Voice Mail Forwarding             | Ring Final Set Mail |
| Default Overflow Type             | No forward          |
| Default Overflow Addressee        | Nothing             |
| Quality Profile for Voice on IP   | Profile #2          |
| Download policy                   | Delayed             |
| Download start                    |                     |
| Hour                              | 20                  |
| Minute                            | 0                   |
| Download stop                     |                     |
| Hour                              | 0                   |
| Minute                            | 0                   |

Attendant  
Users

[11:10:55] > Request 16 sent to Nextiraone.  
[11:10:55] > Request 16 completed on Nextiraone: 32 instance(s) received.

2 Configuration: Nextiraone



VoiceMail version information

```

08 DEC 08 15:29:47 Cisco 01
VPMOD Serial # ..... 3999 Software Release ..... 5.3.1
Network Serial # ..... 3999 System Type ..... A4635J / VPU5 Rev. 1
Telephone System Type: 5 - France
Boot Prom ..... e1.08 IPL Extension .... 02.26 SPA3 ..... NA.
Menus ..... 04.20 Termcap ..... 20.12 SPA3/DSP ..... NA.
LAN/OS ..... 22.19 LAN/APP ..... 06.02
Operating System ..... 07.05.18 System Services ..... 07.04.24
Trees ..... 07.04.27 ABCA Com. Handler ..... 07.01.04
CBIN Task ..... 07.01.04 CROUT Task ..... 07.01.04
SCAN Task ..... 07.01.04 DLT Task ..... 07.01.04
System Manager ..... 07.04.24 Purge Task ..... 07.04.24
Line Tasks ..... 07.04.24 DSP Task ..... 07.01.04
Adm Task ..... 07.04.24 X25 Operation ..... 07.04.24
ACL Task ..... 07.04.24 ASA Task ..... 07.04.24
ASA SUD Task ..... 07.05.17 IMSO Task ..... 07.04.24
OET Task ..... 07.01.04 Background Task ..... 07.04.24
System Bkup/Rstr ..... 07.04.24 LAN Router Task ..... 07.04.24
DN Mail Tasks ..... 07.04.24

```

VoiceMail Configuration

```

Menu 9 - Change Mailbox Profile 01
Number: 3002 Mailbox Type: 0 - Voice Messaging
Mailbox Number: 3002 Application Mailbox:
Mailbox Name: 3002's Community No.: Group ID:
Department: Express Address:
Subscriber's Extension: 3002 Alias Address:
Operator Destination: Extension Mailbox:
Calling Group: 0 Operator Schedule:
Class of Service: 1 After Hours Mailbox:
Outcalling Auth. Code: Forwarding Destination Node:
Outcall Phone No.: Forwarding Dest. Mailbox:
Pager Type: 0 - No Paging Int. Link Number: 1
Caller Prompting: 3 - None Tel. Ans. Language 1: 1 2: 3:
Message Waiting Allowed: Y EMAIL Access: 0 - None
Mailbox Lang.: 1 - British English Mailbox VPMOD ID: 01
New Temporary Password: Fax Cover Sheet Type: 0 - None
Unheard Message Reminder: N
Bulletins 1: 2: 3: 4: 5:

```





Configuring the Cisco Unified Communications Manager

1. **Cisco Unified Communications Manager Version**
2. 3825-E1 Gateway Configuration
3. Cisco IP Phone 7960 SCCP Configuration
4. Cisco IP Phone 7970 SIP Configuration
5. Enbloc Route Configuration
6. PSTN Route Configuration
7. Translation Pattern Configuration
8. Overlap route sending configuration
9. CLIR route pattern configuration
10. COLR Translation pattern configuration
11. Call Forward by reroute service parameter configuration
12. Callback service parameter configuration
13. MWI lamp ON/OFF configuration
14. Voice Mail profile configuration
15. Voice Mail pilot configuration
16. Voice Mail port configuration
17. Callback soft key configuration
18. Path replacement service parameters configuration
19. Path replacement call pickup group configuration



## Cisco Unified Communications Manager Version

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration

CCMAdministrator | About | Logout

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

**Cisco Unified CM Administration**  
System version: 7.0.1.11000-2

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If you require further assistance please contact us by sending email to [export@cisco.com](mailto:export@cisco.com).



## 3825-E1 Gateway Configuration

Navigation Path: Device -> Gateway

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
CCMAdministrator | About | Logout

System | Call Routing | Media Resources | Voice Mail | Device | Application | User Management | Bulk Administration | Help

**Gateway Configuration** Related Links: [Back To Find/List](#)

**Status**  
Status: Ready

**Gateway Details**

|   |   |
|---|---|
| Product                                     | Cisco 3825                              |
| Gateway                                     | TELUGU3825                              |
| Protocol                                    | MGCP                                    |
| Domain Name*                                | <input type="text" value="TELUGU3825"/> |
| Description                                 | <input type="text" value="TELUGU3825"/> |
| Cisco Unified Communications Manager Group* | <input type="text" value="Default"/>    |

**Configured Slots, VICs and Endpoints**

|                  |          |
|------------------|----------|
| Module in Slot 0 | < None > |
| Module in Slot 1 | < None > |
| Module in Slot 2 | NM-HDV   |

Subunit 0

**Product Specific Configuration Layout**

|                               |  |
|-------------------------------|--|
| Global ISDN Switch Type       | <input type="text" value="EURO"/>              |
| Switchback Timing*            | <input type="text" value="Graceful"/>          |
| Switchback uptime-delay (min) | <input type="text" value="10"/>                |
| Switchback schedule (hh:mm)   | <input type="text" value="12:00"/>             |
| Type Of DTMF Relay*           | <input type="text" value="Current GW Config"/> |
| Fax mode*                     | <input type="text" value="Fax Relay"/>         |
| Modem Passthrough*            | <input type="text" value="Enable"/>            |

**i** \* - indicates required item.



### 3825-E1 Gateway Configuration port 2/0/0 (1 of 3)

**Cisco Unified CM Administration** For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAdministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Gateway Configuration Related Links: Back to MGCP Configuration Go

Save Delete Reset

**Device Information**

|                             |  |
|-----------------------------|--|
| Product                     | Cisco MGCP E1 Port   |
| Gateway                     | TELUGU3825   |
| Device Protocol             | Digital Access PRI   |
| Registration                | Registered with Cisco Unified Communications Manager CM-TELUGU |
| IP Address                  | 172.20.109.201   |
| End-Point Name *            | S2/SU0/DS1-0@TELUGU3825  |
| Description                 | S2/SU0/DS1-0@TELUGU3825  |
| Device Pool*                | Default  |
| Common Device Configuration | < None >   |
| Call Classification*        | Use System Default   |
| NetworkLocale               | < None >   |
| Packet Capture Mode*        | None   |
| Packet Capture Duration     | 0  |
| Media Resource Group List   | < None >   |
| Location*                   | Hub_None   |
| AAR Group                   | < None >   |
| Load Information            |  |
| Use Trusted Relay Point*    | Default  |

Transmit UTF-8 for Calling Party Name  
 V150 (subset)  
 Enable Protected Facility IE

**Multilevel Precedence and Preemption (MLPP) Information**

|                 |                              |
|-----------------|------------------------------|
| MLPP Domain     | < None >                     |
| MLPP Indication | Not available on this device |
| MLPP Preemption | Not available on this device |

**Interface Information**

|                          |                 |
|--------------------------|-----------------|
| PRI Protocol Type*       | PRI ISO QSIG E1 |
| Protocol Side*           | User            |
| Channel Selection Order* | Top Down        |
| Channel IE Type*         | Timeslot Number |
| PCM Type*                | A.144           |



### 3825-E1 Gateway Configuration port 2/0/0 (2 of 3)

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
CCMAdministrator | About | Logout

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Gateway Configuration Related Links: [Back to MGCP Configuration](#)

**PCM Type\*** A-law  
Delay for first restart (1/8 sec ticks)\* 32  
Delay between restarts (1/8 sec ticks)\* 4  
 Inhibit restarts at PRI initialization  
 Enable status poll  
 Unattended Port

**Call Routing Information - Inbound Calls**

Significant Digits\* All  
Calling Search Space < None >  
AAR Calling Search Space < None >  
Prefix DN

**Call Routing Information - Outbound Calls**

Calling Party Presentation\* Default  
Calling Party Selection\* Originator  
Called party IE number type unknown\* Cisco CallManager  
Calling party IE number type unknown\* Cisco CallManager  
Called Numbering Plan\* Cisco CallManager  
Calling Numbering Plan\* Cisco CallManager  
Number of digits to strip\* 0  
Caller ID DN  
SMDI Base Port\* 0  
Called Party Transformation CSS < None >  
 Use Device Pool Called Party Transformation CSS  
Calling Party Transformation CSS < None >  
 Use Device Pool Calling Party Transformation CSS

**PRI Protocol Type Specific Information**

Display IE Delivery  
 Redirecting Number IE Delivery - Outbound





### 3825-E1 Gateway Configuration port 2/0/0 (3 of 3)

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration | Go  
CCMAdministrator | About | Logout

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Gateway Configuration | Related Links: Back to MGCP Configuration | Go

Save | Delete | Reset

Redirecting Number IE Delivery - Inbound  
 Send Extra Leading Character in Display IE\*\*\*  
 Setup non-ISDN Progress Indicator IE Enable\*\*\*\*  
 MCDN Channel Number Extension Bit Set to Zero\*\*  
 Send Calling Name In Facility IE  
 Interface Identifier Present\*\*  
Interface Identifier Value\*\*   
Connected Line ID Presentation (QSIG Inbound Call)\*

**UUIE Configuration**  
 Passing Precedence Level Through UUIE  
Security Access Level\*

**Incoming Calling Party Settings**  
If the administrator sets the prefix to Default this indicates call processing will use prefix at the next level setting (DevicePool/Service Parameter). Otherwise, the value configured is used as the prefix unless the field is empty in which case there is no prefix assigned.

|  | Clear Prefix Settings                | Default Prefix Settings              |
|--|--------------------------------------|--------------------------------------|
| Incoming Calling Party National Number Prefix      | <input type="text" value="Default"/> | <input type="text" value="Default"/> |
| Incoming Calling Party International Number Prefix | <input type="text" value="Default"/> | <input type="text" value="Default"/> |
| Incoming Calling Party Unknown Number Prefix       | <input type="text" value="Default"/> | <input type="text" value="Default"/> |
| Incoming Calling Party Subscriber Number Prefix    | <input type="text" value="Default"/> | <input type="text" value="Default"/> |

**Product Specific Configuration Layout** ?

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Line Coding*                     | <input type="text" value="HDB3"/>     |
| Framing*                         | <input type="text" value="CRC4"/>     |
| Clock*                           | <input type="text" value="External"/> |
| Input Gain (-6..14 db)*          | <input type="text" value="0"/>        |
| Output Attenuation (-6..14 db)*  | <input type="text" value="0"/>        |
| Echo Cancellation Enable*        | <input type="text" value="Enable"/>   |
| Echo Cancellation Coverage (ms)* | <input type="text" value="64"/>       |



### 3825-E1 Gateway Configuration port 2/0/1 (1 of 3)

**Cisco Unified CM Administration** For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAdministrator | About | Logout

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Gateway Configuration Related Links: Back to MGCP Configuration Go

Save Delete Reset

**Device Information**

|                             |  |
|-----------------------------|--|
| Product                     | Cisco MGCP E1 Port   |
| Gateway                     | TELUGU3825   |
| Device Protocol             | Digital Access PRI   |
| Registration                | Registered with Cisco Unified Communications Manager CM-TELUGU |
| IP Address                  | 172.20.109.201   |
| End-Point Name *            | S2/SU0/DS1-1@TELUGU3825  |
| Description                 | S2/SU0/DS1-1@TELUGU3825  |
| Device Pool*                | Default  |
| Common Device Configuration | < None >   |
| Call Classification*        | Use System Default   |
| NetworkLocale               | < None >   |
| Packet Capture Mode*        | None   |
| Packet Capture Duration     | 0  |
| Media Resource Group List   | < None >   |
| Location*                   | Hub_None   |
| AAR Group                   | < None >   |
| Load Information            |  |
| Use Trusted Relay Point*    | Default  |

Transmit UTF-8 for Calling Party Name  
 V150 (subset)  
 Enable Protected Facility IE

**Multilevel Precedence and Preemption (MLPP) Information**

|                 |                              |
|-----------------|------------------------------|
| MLPP Domain     | < None >                     |
| MLPP Indication | Not available on this device |
| MLPP Preemption | Not available on this device |

**Interface Information**

|                          |                 |
|--------------------------|-----------------|
| PRI Protocol Type*       | PRI ISO QSIG E1 |
| Protocol Side*           | User            |
| Channel Selection Order* | Top Down        |
| Channel IE Type*         | Timeslot Number |
| PCM Type*                | A 1...          |



### 3825-E1 Gateway Configuration port 2/0/1 (2 of 3)

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
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**Gateway Configuration** Related Links: [Back to MGCP Configuration](#)

**PCM Type\*** A-law  
Delay for first restart (1/8 sec ticks)\* 32  
Delay between restarts (1/8 sec ticks)\* 4

Inhibit restarts at PRI initialization  
 Enable status poll  
 Unattended Port

**Call Routing Information - Inbound Calls**

Significant Digits\* All  
Calling Search Space < None >  
AAR Calling Search Space < None >  
Prefix DN

**Call Routing Information - Outbound Calls**

Calling Party Presentation\* Default  
Calling Party Selection\* Originator  
Called party IE number type unknown\* Cisco CallManager  
Calling party IE number type unknown\* Cisco CallManager  
Called Numbering Plan\* Cisco CallManager  
Calling Numbering Plan\* Cisco CallManager  
Number of digits to strip\* 0  
Caller ID DN  
SMDI Base Port\* 0  
Called Party Transformation CSS < None >  
 Use Device Pool Called Party Transformation CSS  
Calling Party Transformation CSS < None >  
 Use Device Pool Calling Party Transformation CSS

**PRI Protocol Type Specific Information**

Display IE Delivery  
 Redirecting Number IE Delivery - Outbound  
 Redirecting Number IE Delivery - Inbound



### 3825-E1 Gateway Configuration port 2/0/1 (3 of 3)

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAdministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Gateway Configuration Related Links: Back to MGCP Configuration Go

Save Delete Reset

Redirecting Number IE Delivery - Inbound  
 Send Extra Leading Character in Display IE\*\*\*  
 Setup non-ISDN Progress Indicator IE Enable\*\*\*\*  
 MCDN Channel Number Extension Bit Set to Zero\*\*  
 Send Calling Name In Facility IE  
 Interface Identifier Present\*\*  
Interface Identifier Value\*\*   
Connected Line ID Presentation (QSIG Inbound Call)\*

**UUIE Configuration**

Passing Precedence Level Through UUIE  
Security Access Level\*

**Incoming Calling Party Settings**

If the administrator sets the prefix to Default this indicates call processing will use prefix at the next level setting (DevicePool/Service Parameter). Otherwise, the value configured is used as the prefix unless the field is empty in which case there is no prefix assigned.

Incoming Calling Party National Number Prefix     
Incoming Calling Party International Number Prefix   
Incoming Calling Party Unknown Number Prefix   
Incoming Calling Party Subscriber Number Prefix

**Product Specific Configuration Layout**

Line Coding\*  ?  
Framing\*   
Clock\*   
Input Gain (-6..14 db)\*   
Output Attenuation (-6..14 db)\*   
Echo Cancellation Enable\*   
Echo Cancellation Coverage (ms)\*





## Cisco IP Phone 7960 SCCP Configuration (1 of 7)

Navigation Path: Device -> Phone

Cisco Unified CM Administration  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAdministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Phone Configuration Related Links: Back To Find/List Go

Save Delete Copy Reset Add New

**Association Information**

Modify Button Items

- Line [1] - 4020 (no partition)
- Line [2] - Add a new DN
- Add a new SD
- Add a new SD
- Add a new SD
- Add a new SD
- Unassigned Associated Items
- Add a new SD
- Add a new SURF
- Add a new BLF SD
- Add a new BLF Directed Call Park
- Privacy
- None

**Phone Type**

Product Type: Cisco 7960  
Device Protocol: SCCP

**Device Information**

Registration: Registered with Cisco Unified Communications Manager CM-TELUGU

IP Address: 172.20.109.50

MAC Address\*: 000D2890C92E

Description: SEP000D2890C92E

Device Pool\*: Default [View Details](#)

Common Device Configuration: < None > [View Details](#)

Phone Button Template\*: Standard 7960 SCCP

Softkey Template: Standard User\_callback

Common Phone Profile\*: Standard Common Phone Profile

Calling Search Space: < None >

AAR Calling Search Space: < None >

Media Resource Group List: < None >

User Hold MOH Audio Source: < None >

Network Hold MOH Audio Source: < None >

Location\*: Hub\_None

AAR Group: < None >

User Locale: < None >

Network Locale: < None >

Built In Bridge\*: Default

Privacy\*: Default

Device Mobility Mode\*: Default [View Current Device Mobility Settings](#)

Owner User ID: < None >

Phone Load Name:

Join Across Lines: Default

Use Trusted Relay Point\*: Default

BLF Audible Alert Setting (Phone Idle)\*: Default

BLF Audible Alert Setting (Phone Busy)\*: Default

Calling Party Transformation CSS: < None >

Use Device Pool Calling Party Transformation CSS

Is Active



## Cisco IP Phone 7960 SCCP Configuration (2 of 7)

Navigation Path: Device -> Phone

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration

CCMAdministrator | About | Logout

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Phone Configuration Related Links:

Retry Video Call as Audio  
 Ignore Presentation Indicators (internal calls only)  
 Allow Control of Device from CTI  
 Logged Into Hunt Group  
 Remote Device

**Protocol Specific Information**

Packet Capture Mode\*   
Packet Capture Duration   
Presence Group\*   
Device Security Profile\*   
SUBSCRIBE Calling Search Space   
 Unattended Port  
 Require DTMF Reception  
 RFC2833 Disabled

**Certification Authority Proxy Function (CAPF) Information**

Certificate Operation\*   
Authentication Mode\*   
Authentication String   
  
Key Size (Bits)\*   
Operation Completes By   
Certificate Operation Status: None  
Note: Security Profile Contains Addition CAPF Settings.

**Expansion Module Information**

Module 1   
Module 1 Load Name   
Module 2   
Module 2 Load Name

**External Data Locations Information (Leave blank to use default)**

Information



### Cisco IP Phone 7960 SCCP Configuration (3 of 7)

Navigation Path: Device -> Phone

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
CCMAdministrator | About | Logout

System | Call Routing | Media Resources | Voice Mail | Device | Application | User Management | Bulk Administration | Help

Phone Configuration Related Links:

|                       |                      |
|-----------------------|----------------------|
| Directory             | <input type="text"/> |
| Messages              | <input type="text"/> |
| Services              | <input type="text"/> |
| Authentication Server | <input type="text"/> |
| Proxy Server          | <input type="text"/> |
| Idle                  | <input type="text"/> |
| Idle Timer (seconds)  | <input type="text"/> |

**Extension Information**

Enable Extension Mobility  
Log Out Profile:   
Log in Time:   
Log out Time:

**MLPP Information**

MLPP Domain:   
MLPP Indication\*:   
MLPP Preemption\*:

**Do Not Disturb**

Do Not Disturb  
DND Option\*:   
DND Incoming Call Alert:

**Product Specific Configuration Layout**

Disable Speakerphone  
 Disable Speakerphone and Headset

|                       |                                       |
|-----------------------|---------------------------------------|
| PC Port *             | <input type="text" value="Enabled"/>  |
| Settings Access*      | <input type="text" value="Enabled"/>  |
| Gratuitous ARP*       | <input type="text" value="Enabled"/>  |
| PC Voice VLAN Access* | <input type="text" value="Enabled"/>  |
| Video Capabilities*   | <input type="text" value="Disabled"/> |
| Auto Line Select*     | <input type="text" value="Disabled"/> |



## Cisco IP Phone 7960 SCCP Configuration (4 of 7)

Navigation Path: Device -> Phone

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
CCMAdministrator | About | Logout

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Phone Configuration Related Links:

|                      |                      |
|----------------------|----------------------|
| Proxy Server         | <input type="text"/> |
| Idle                 | <input type="text"/> |
| Idle Timer (seconds) | <input type="text"/> |

**Extension Information**

Enable Extension Mobility  
Log Out Profile -- Use Current Device Settings --   
Log in Time < None >  
Log out Time < None >

**MLPP Information**

MLPP Domain < None >   
MLPP Indication\* Default   
MLPP Preemption\* Default

**Do Not Disturb**

Do Not Disturb  
DND Option\* Ringer Off   
DND Incoming Call Alert < None >

**Product Specific Configuration Layout**

Disable Speakerphone  
 Disable Speakerphone and Headset

|                       |   |
|-----------------------|---|
| PC Port *             | Enabled <input type="button" value="v"/>  |
| Settings Access*      | Enabled <input type="button" value="v"/>  |
| Gratuitous ARP*       | Enabled <input type="button" value="v"/>  |
| PC Voice VLAN Access* | Enabled <input type="button" value="v"/>  |
| Video Capabilities*   | Disabled <input type="button" value="v"/> |
| Auto Line Select*     | Disabled <input type="button" value="v"/> |
| Web Access*           | Enabled <input type="button" value="v"/>  |





## Cisco IP Phone 7960 SCCP Configuration (5 of 7)

Navigation Path: Device -> Phone -> Modify/Add Button

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
ccadministrator | About | Logout

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Directory Number Configuration Related Links:

**Status**  
Status: Ready

**Directory Number Information**

Directory Number\*   
Route Partition   
Description   
Alerting Name   
ASCII Alerting Name   
 Allow Control of Device from CTI  
Associated Devices     
Dissociate Devices

**Directory Number Settings**

Voice Mail Profile  (Choose <None> to use system default)  
Calling Search Space   
Presence Group\*   
User Hold MOH Audio Source   
Network Hold MOH Audio Source   
Auto Answer\*

**AAR Settings**

|     | Voice Mail                  | AAR Destination Mask | AAR Group                                   |
|-----|-----------------------------|----------------------|---|
| AAR | <input type="checkbox"/> or | <input type="text"/> | <input type="text" value="&lt; None &gt;"/> |

Retain this destination in the call forwarding history

**Call Forward and Call Pickup Settings**



## Cisco IP Phone 7960 SCCP Configuration (6 of 7)

Navigation Path: Device -> Phone -> Modify/Add Button

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAAdministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Directory Number Configuration Related Links: Configure Device (SEP000D2890C92E) Go

Save Delete Reset Add New

|                               |                             |                      |          |
|-------------------------------|-----------------------------|----------------------|----------|
| Forward Busy Internal         | <input type="checkbox"/> or | <input type="text"/> | < None > |
| Forward Busy External         | <input type="checkbox"/> or | <input type="text"/> | < None > |
| Forward No Answer Internal    | <input type="checkbox"/> or | <input type="text"/> | < None > |
| Forward No Answer External    | <input type="checkbox"/> or | <input type="text"/> | < None > |
| Forward No Coverage Internal  | <input type="checkbox"/> or | <input type="text"/> | < None > |
| Forward No Coverage External  | <input type="checkbox"/> or | <input type="text"/> | < None > |
| Forward on CTI Failure        | <input type="checkbox"/> or | <input type="text"/> | < None > |
| Forward Unregistered Internal | <input type="checkbox"/> or | <input type="text"/> | < None > |
| Forward Unregistered External | <input type="checkbox"/> or | <input type="text"/> | < None > |

No Answer Ring Duration (seconds)

Call Pickup Group < None >

**MLPP Alternate Party Settings**

Target (Destination)

MLPP Calling Search Space < None >

MLPP No Answer Ring Duration (seconds)

**Line Settings for All Devices**

Hold Reversion Ring Duration (seconds)  Setting the Hold Reversion Ring Duration to zero will disable the feature

Hold Reversion Notification Interval (seconds)  Setting the Hold Reversion Notification Interval to zero will disable the feature

**Line 1 on Device SEP000D2890C92E**

Display (Internal Caller ID) TELUGU-20 Display text for a line appearance is intended for displaying text such as a name instead of a directory number for internal calls. If you specify a number, the person receiving a call may not see the proper identity of the caller.

ASCII Display (Internal Caller ID) TELUGU-20

Line Text Label TELUGU-20

ASCII Line Text Label TELUGU-20

External Phone Number Mask

Visual Message Waiting Indicator Policy\* Use System Policy

Ring Setting (Phone Idle)\* Use System Default



## Cisco IP Phone 7960 SCCP Configuration (7 of 7)

Navigation Path: Device -> Phone -> Modify/Add Button

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAdministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Directory Number Configuration Related Links: Configure Device (SEP000D2890C92E) Go

Save Delete Reset Add New

|   |  |
|---|--|
| ASCII Display (Internal Caller ID)                  | TELUGU-20  |
| Line Text Label                                     | TELUGU-20  |
| ASCII Line Text Label                               | TELUGU-20  |
| External Phone Number Mask                          |  |
| Visual Message Waiting Indicator Policy*            | Use System Policy  |
| Ring Setting (Phone Idle)*                          | Use System Default   |
| Ring Setting (Phone Active)                         | Use System Default Applies to this line when any line on the phone has a call in progress. |
| Call Pickup Group Audio Alert Setting(Phone Idle)   | Use System Default   |
| Call Pickup Group Audio Alert Setting(Phone Active) | Use System Default   |
| Monitoring Calling Search Space                     | < None >   |

**Multiple Call/Call Waiting Settings on Device SEP000D2890C92E**

Note:The range to select the Max Number of calls is: 1-200

Maximum Number of Calls\* 2

Busy Trigger\* 2 (Less than or equal to Max. Calls)

**Forwarded Call Information Display on Device SEP000D2890C92E**

- Caller Name
- Caller Number
- Redirected Number
- Dialed Number

**Users Associated with Line**

Associate End Users

Save Delete Reset Add New

**i** \*- indicates required item.  
**i** \*\*-. Changes to Line or Directory Number settings require restart.



## Cisco IP Phone 7970 SIP Configuration (1 of 8)

Navigation Path: Device -> Phone

Cisco Unified CM Administration  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAdministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Phone Configuration Related Links: Back To Find/List Go

Save Delete Copy Reset Add New

### Association Information

Modify Button Items

- Line [1] - 4022 (no partition)
- Line [2] - Add a new DN
- Add a new SD
- Add a new SD
- Add a new SD
- Add a new SD
- Add a new SD
- Add a new SD
- Unassigned Associated Items -----
- Add a new SD
- Add a new SURL
- Add a new BLF SD
- Add a new BLF Directed Call Park
- Intercom [1] - Add a new Intercom
- Do Not Disturb
- Call Park
- Call Pickup
- CallBack
- Conference List
- Conference
- End Call
- Forward All
- Group Call Pickup
- Hold
- Hunt Group Logout
- Malicious Call Identification
- Meet Me Conference
- Mobility

### Phone Type

Product Type: Cisco 7970  
Device Protocol: SIP

### Device Information

|   |  |
|---|--|
| Registration                            | Registered with Cisco Unified Communications Manager CM-TELUGU |
| IP Address                              | 172.20.109.52  |
| MAC Address*                            | 001D45954DBE   |
| Description                             | SEP001D45954DBE  |
| Device Pool*                            | Default  |
| Common Device Configuration             | < None >   |
| Phone Button Template*                  | Standard 7970 SIP  |
| Softkey Template                        | Standard User_callback   |
| Common Phone Profile*                   | Standard Common Phone Profile                                  |
| Calling Search Space                    | < None >   |
| AAR Calling Search Space                | < None >   |
| Media Resource Group List               | < None >   |
| User Hold MOH Audio Source              | < None >   |
| Network Hold MOH Audio Source           | < None >   |
| Location*                               | Hub_None   |
| AAR Group                               | < None >   |
| User Locale                             | < None >   |
| Network Locale                          | < None >   |
| Built In Bridge*                        | Default  |
| Privacy*                                | Default  |
| Device Mobility Mode*                   | Default  |
| Owner User ID                           | < None >   |
| Phone Personalization*                  | Default  |
| Services Provisioning*                  | Default  |
| Phone Load Name                         |  |
| Single Button Barge                     | Default  |
| Join Across Lines                       | Default  |
| Use Trusted Relay Point*                | Default  |
| DLF Audible Alert Setting (Phone Idle)* | Default  |
| BLF Audible Alert Setting (Phone Busy)* | Default  |





## Cisco IP Phone 7970 SIP Configuration (2 of 8)

Navigation Path: Device -> Phone

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
CCMAdministrator | About | Logout

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

**Phone Configuration** Related Links: [Back To Find/List](#)

|    |                         |
|----|-------------------------|
| 28 | New Call                |
| 29 | Other Pickup            |
| 30 | Quality Reporting Tool  |
| 31 | Redial                  |
| 32 | Remove Last Participant |
| 33 | Transfer                |
| 34 | Privacy                 |
| 35 | None                    |

Calling Party Transformation CSS:

Use Device Pool Calling Party Transformation CSS

Is Active

Ignore Presentation Indicators (internal calls only)

Allow Control of Device from CTI

Logged Into Hunt Group

Remote Device

Protected Device \*\*\*\*

**Protocol Specific Information**

Packet Capture Mode\*:

Packet Capture Duration:

Presence Group\*:

SIP Dial Rules:

MTP Preferred Originating Codec\*:

Device Security Profile\*:

Rerouting Calling Search Space:

SUBSCRIBE Calling Search Space:

SIP Profile\*:

Digest User:

Media Termination Point Required

Unattended Port

Require DTMF Reception

**Certification Authority Proxy Function (CAPF) Information**

Certificate Operation\*:

Authentication Mode\*:

Authentication String:

Key Size (Bits)\*:

Operation Completes By:     (YYYY:MM:DD:HH)

Certificate Operation Status: None

Note: Security Profile Contains Addition CAPF Settings.



### Cisco IP Phone 7970 SIP Configuration (3 of 8)

Navigation Path: Device -> Phone

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
CCMAdministrator | About | Logout

System | Call Routing | Media Resources | Voice Mail | Device | Application | User Management | Bulk Administration | Help

Phone Configuration Related Links:

**Expansion Module Information**

Module 1

Module 1 Load Name

Module 2

Module 2 Load Name

**External Data Locations Information (Leave blank to use default)**

Information

Directory

Messages

Services

Authentication Server

Proxy Server

Idle

Idle Timer (seconds)

**Extension Information**

Enable Extension Mobility

Log Out Profile

Log in Time

Log out Time

**MLPP Information**

MLPP Domain

**Do Not Disturb**

Do Not Disturb

DND Option\*

DND Incoming Call Alert

**Secure Shell Information**

Secure Shell User

Secure Shell Password



## Cisco IP Phone 7970 SIP Configuration (4 of 8)

Navigation Path: Device -> Phone

Cisco Unified CM Administration  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAdministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Phone Configuration Related Links: Back To Find/List Go

Save Delete Copy Reset Add New

### Product Specific Configuration Layout

|   |                    |
|---|--------------------|
| <input type="checkbox"/> Disable Speakerphone             |                    |
| <input type="checkbox"/> Disable Speakerphone and Headset |                    |
| PC Port *   | Enabled            |
| Settings Access*  | Enabled            |
| Gratuitous ARP*   | Disabled           |
| PC Voice VLAN Access*                                     | Enabled            |
| Auto Line Select*   | Disabled           |
| Web Access*   | Enabled            |
| Days Display Not Active                                   | Sunday             |
|   | Monday             |
|   | Tuesday            |
| Display On Time   | 07:30              |
| Display On Duration                                       | 10:30              |
| Display Idle Timeout                                      | 01:00              |
| Span to PC Port*  | Disabled           |
| Logging Display*  | PC Controlled      |
| Load Server   |                    |
| Recording Tone*   | Disabled           |
| Recording Tone Local Volume*                              | 100                |
| Recording Tone Remote Volume*                             | 50                 |
| Recording Tone Duration                                   |                    |
| Display On When Incoming Call*                            | Disabled           |
| RTCP*   | Disabled           |
| *more* Soft Key Timer                                     | 5                  |
| Auto Call Select*   | Enabled            |
| Log Server  |                    |
| Advertise G.722 Codec*                                    | Use System Default |
| Wideband Headset UI Control*                              | Enabled            |
| Wideband Handset UI Control*                              | Enabled            |
| Wideband Headset*   | Enabled            |
| Wideband Handset*   | Use Phone Default  |
| Peer Firmware Sharing*                                    | Disabled           |



## Cisco IP Phone 7970 SIP Configuration (5 of 8)

Navigation Path: Device -> Phone

Cisco Unified CM Administration  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAdministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Phone Configuration Related Links: Back To Find/List Go

Save Delete Copy Reset Add New

|  |                    |
|--|--------------------|
| Span to PC Port*   | U1:UU              |
| Logging Display*   | Disabled           |
| Load Server  | PC Controlled      |
| Recording Tone*  | Disabled           |
| Recording Tone Local Volume*   | 100                |
| Recording Tone Remote Volume*  | 50                 |
| Recording Tone Duration  |                    |
| Display On When Incoming Call*   | Disabled           |
| RTCP*  | Disabled           |
| *more* Soft Key Timer  | 5                  |
| Auto Call Select*  | Enabled            |
| Log Server   |                    |
| Advertise G.722 Codec*   | Use System Default |
| Wideband Headset UI Control*   | Enabled            |
| Wideband Handset UI Control*   | Enabled            |
| Wideband Headset*  | Enabled            |
| Wideband Handset*  | Use Phone Default  |
| Peer Firmware Sharing*   | Disabled           |
| Cisco Discovery Protocol (CDP): Switch Port*                                     | Enabled            |
| Cisco Discovery Protocol (CDP): PC Port*   | Enabled            |
| Link Layer Discovery Protocol - Media Endpoint Discover (LLDP-MED): Switch Port* | Enabled            |
| Link Layer Discovery Protocol (LLDP): PC Port*                                   | Enabled            |
| LLDP Asset ID  |                    |
| LLDP Power Priority*   | Unknown            |

Save Delete Copy Reset Add New

**i** \*- indicates required item.  
**i** \*\* - Device reset is not required for changes to Packet Capture Mode and Packet Capture Duration.  
**i** \*\*\*Note: Security Profile Contains Addition CAPF Settings.  
**i** \*\*\*\*Note: A new softkey template without supplementary service softkeys must be used for a protected phone.



## Cisco IP Phone 7970 SIP Configuration (6 of 8)

Navigation Path: Device -> Phone -> Modify/Add Button

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
ccadministrator | About | Logout

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Directory Number Configuration Related Links:

**Status**  
Status: Ready

**Directory Number Information**

Directory Number\*   
Route Partition   
Description   
Alerting Name   
ASCII Alerting Name   
 Allow Control of Device from CTI  
Associated Devices     
Dissociate Devices

**Directory Number Settings**

Voice Mail Profile  (Choose <None> to use system default)  
Calling Search Space   
Presence Group\*   
User Hold MOH Audio Source   
Network Hold MOH Audio Source   
Auto Answer\*

**AAR Settings**

|     | Voice Mail                  | AAR Destination Mask | AAR Group                                    |
|-----|-----------------------------|----------------------|--|
| AAR | <input type="checkbox"/> or | <input type="text"/> | <input type="text" value=" &lt; None &gt;"/> |

Retain this destination in the call forwarding history

**Call Forward and Call Pickup Settings**





## Cisco IP Phone 7970 SIP Configuration (7 of 8)

Navigation Path: Device -> Phone -> Modify/Add Button

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAAdministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Directory Number Configuration Related Links: Configure Device (SEP001D45954DBE) Go

Save Delete Reset Add New

|                               |                          |    |                      |          |
|-------------------------------|--------------------------|----|----------------------|----------|
| Forward Busy External         | <input type="checkbox"/> | or | <input type="text"/> | < None > |
| Forward No Answer Internal    | <input type="checkbox"/> | or | <input type="text"/> | < None > |
| Forward No Answer External    | <input type="checkbox"/> | or | <input type="text"/> | < None > |
| Forward No Coverage Internal  | <input type="checkbox"/> | or | <input type="text"/> | < None > |
| Forward No Coverage External  | <input type="checkbox"/> | or | <input type="text"/> | < None > |
| Forward on CTI Failure        | <input type="checkbox"/> | or | <input type="text"/> | < None > |
| Forward Unregistered Internal | <input type="checkbox"/> | or | <input type="text"/> | < None > |
| Forward Unregistered External | <input type="checkbox"/> | or | <input type="text"/> | < None > |

No Answer Ring Duration (seconds)

Call Pickup Group

**MLPP Alternate Party Settings**

Target (Destination)

MLPP Calling Search Space

MLPP No Answer Ring Duration (seconds)

**Line Settings for All Devices**

Hold Reversion Ring Duration (seconds)  Setting the Hold Reversion Ring Duration to zero will disable the feature

Hold Reversion Notification Interval (seconds)  Setting the Hold Reversion Notification Interval to zero will disable the feature

**Line 1 on Device SEP001D45954DBE**

Display (Internal Caller ID)  Display text for a line appearance is intended for displaying text such as a name instead of a directory number for internal calls. If you specify a number, the person receiving a call may not see the proper identity of the caller.

ASCII Display (Internal Caller ID)

Line Text Label

ASCII Line Text Label

External Phone Number Mask

Visual Message Waiting Indicator Policy\*

Audible Message Waiting Indicator Policy\*



## Cisco IP Phone 7970 SIP Configuration (8 of 8)

Navigation Path: Device -> Phone -> Modify/Add Button

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAdministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Directory Number Configuration Related Links: Configure Device (SEP001D45954DBE) Go

Save Delete Reset Add New

|   |  |
|---|--|
| External Phone Number Mask                          | <input type="text"/>   |
| Visual Message Waiting Indicator Policy*            | Use System Policy  |
| Audible Message Waiting Indicator Policy*           | Off  |
| Ring Setting (Phone Idle)*                          | Use System Default   |
| Ring Setting (Phone Active)                         | Use System Default Applies to this line when any line on the phone has a call in progress. |
| Call Pickup Group Audio Alert Setting(Phone Idle)   | Use System Default   |
| Call Pickup Group Audio Alert Setting(Phone Active) | Use System Default   |
| Recording Option*                                   | Call Recording Disabled  |
| Recording Profile                                   | < None >   |
| Monitoring Calling Search Space                     | < None >   |

**Multiple Call/Call Waiting Settings on Device SEP001D45954DBE**

Note: The range to select the Max Number of calls is: 1-50

Maximum Number of Calls\*

Busy Trigger\*  (Less than or equal to Max. Calls)

**Forwarded Call Information Display on Device SEP001D45954DBE**

- Caller Name
- Caller Number
- Redirected Number
- Dialed Number

**Users Associated with Line**

Save Delete Reset Add New

**i** \* - indicates required item.  
**i** \*\* - Changes to Line or Directory Number settings require restart.



## Enbloc Route Configuration 3XXX (1 of 2)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
CCMAdministrator | About | Logout

System | Call Routing | Media Resources | Voice Mail | Device | Application | User Management | Bulk Administration | Help

### Route Pattern Configuration

Related Links: [Back To Find/List](#)

**Status**  
Status: Ready

**Pattern Definition**

|  |   |
|--|---|
| Route Pattern*   | 3XXX  |
| Route Partition  | < None >  |
| Description  | TELUGU to NextiraOne  |
| Numbering Plan   | -- Not Selected --  |
| Route Filter   | < None >  |
| MLPP Precedence*   | Default   |
| Resource Priority Namespace Network Domain                 | < None >  |
| Gateway/Route List*  | S2/SU0/DS1-1@TELUGU3825 <a href="#">(Edit)</a>  |
| Route Option   | <input checked="" type="radio"/> Route this pattern<br><input type="radio"/> Block this pattern <input type="button" value="No Error"/> |
| Call Classification*                                       | OffNet  |
| <input type="checkbox"/> Allow Device Override             | <input checked="" type="checkbox"/> Provide Outside Dial Tone   |
| <input type="checkbox"/> Require Forced Authorization Code | <input checked="" type="checkbox"/> Allow Overlap Sending   |
| Authorization Level*                                       | 0   |
| <input type="checkbox"/> Require Client Matter Code        | <input type="checkbox"/> Urgent Priority  |

**Calling Party Transformations**

Use Calling Party's External Phone Number Mask

|                                |                   |
|--------------------------------|-------------------|
| Calling Party Transform Mask   |                   |
| Prefix Digits (Outgoing Calls) |                   |
| Calling Line ID Presentation*  | Default           |
| Calling Name Presentation*     | Default           |
| Calling Party Number Type*     | Cisco CallManager |
| Calling Party Numbering Plan*  | Cisco CallManager |

**Connected Party Transformations**

|                                 |         |
|---------------------------------|---------|
| Connected Line ID Presentation* | Default |
| Connected Name Presentation*    | Default |



## Enbloc Route Configuration 3XXX (2 of 2)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAdministrator | About | Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

### Route Pattern Configuration

Related Links: Back To Find/List Go

Save Delete Copy Add New

Allow Device Override  Provide Outside Dial Tone  Allow Overlap Sending  Urgent Priority

Require Forced Authorization Code

Authorization Level\*

Require Client Matter Code

#### Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask

Prefix Digits (Outgoing Calls)

Calling Line ID Presentation\*

Calling Name Presentation\*

Calling Party Number Type\*

Calling Party Numbering Plan\*

#### Connected Party Transformations

Connected Line ID Presentation\*

Connected Name Presentation\*

#### Called Party Transformations

Discard Digits

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

Called Party Number Type\*

Called Party Numbering Plan\*

#### ISDN Network-Specific Facilities Information Element

Network Service Protocol

Carrier Identification Code

| Network Service                                 | Service Parameter Name                           | Service Parameter Value |
|---|--|-------------------------|
| <input type="text" value="-- Not Selected --"/> | <input type="text" value="&lt; Not Exist &gt;"/> | <input type="text"/>    |

Save Delete Copy Add New

**i** \* indicates required item.



## Enbloc Route Configuration 6XXX (1 of 2)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
CCMAdministrator | About | Logout

System | Call Routing | Media Resources | Voice Mail | Device | Application | User Management | Bulk Administration | Help

### Route Pattern Configuration

Related Links: [Back to Find/List](#)

**Status**  
Update successful

**Pattern Definition**

|  |   |  |  |
|--|---|--|--|
| Route Pattern*   | 6XXX  |  |  |
| Route Partition  | < None >  |  |  |
| Description  | TELUGU to Compidea  |  |  |
| Numbering Plan   | -- Not Selected --  |  |  |
| Route Filter   | < None >  |  |  |
| MLPP Precedence*   | Default   |  |  |
| Resource Priority Namespace Network Domain                 | < None >  |  |  |
| Gateway/Route List*  | S2/SU0/DS1-0@TELUGU3825 <a href="#">(Edit)</a>  |  |  |
| Route Option   | <input checked="" type="radio"/> Route this pattern<br><input type="radio"/> Block this pattern <input type="button" value="No Error"/> |  |  |
| Call Classification*                                       | OffNet  |  |  |
| <input type="checkbox"/> Allow Device Override             | <input checked="" type="checkbox"/> Provide Outside Dial Tone   | <input type="checkbox"/> Allow Overlap Sending | <input type="checkbox"/> Urgent Priority |
| <input type="checkbox"/> Require Forced Authorization Code |   |  |  |
| Authorization Level*                                       | 0   |  |  |
| <input type="checkbox"/> Require Client Matter Code        |   |  |  |

**Calling Party Transformations**

Use Calling Party's External Phone Number Mask

|                                |                   |
|--------------------------------|-------------------|
| Calling Party Transform Mask   |                   |
| Prefix Digits (Outgoing Calls) |                   |
| Calling Line ID Presentation*  | Default           |
| Calling Name Presentation*     | Default           |
| Calling Party Number Type*     | Cisco CallManager |
| Calling Party Numbering Plan*  | Cisco CallManager |

**Connected Party Transformations**

|                                 |         |
|---------------------------------|---------|
| Connected Line ID Presentation* | Default |
| Connected Name Presentation*    | Default |

Call Routing Transformations





## Enbloc Route Configuration 6XXX (2 of 2)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
CCMAdministrator | About | Logout

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

### Route Pattern Configuration

Related Links: [Back to Find/List](#)

Allow Device Override  Provide Outside Dial Tone  Allow Overlap Sending  Urgent Priority

Require Forced Authorization Code

Authorization Level\*

Require Client Matter Code

#### Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask

Prefix Digits (Outgoing Calls)

Calling Line ID Presentation\*

Calling Name Presentation\*

Calling Party Number Type\*

Calling Party Numbering Plan\*

#### Connected Party Transformations

Connected Line ID Presentation\*

Connected Name Presentation\*

#### Called Party Transformations

Discard Digits

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

Called Party Number Type\*

Called Party Numbering Plan\*

#### ISDN Network-Specific Facilities Information Element

Network Service Protocol

Carrier Identification Code

| Network Service                                 | Service Parameter Name                           | Service Parameter Value |
|---|--|-------------------------|
| <input type="text" value="-- Not Selected --"/> | <input type="text" value="&lt; Not Exist &gt;"/> | <input type="text"/>    |

\*. indicates required item.



## PSTN Route Configuration (1 of 2)

Navigation Path: Call Routing -> Route/Hung -> Route Pattern

**Cisco Unified CM Administration** For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
ccadministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

### Route Pattern Configuration

Related Links: Back To Find/List Go

Save Delete Copy Add New

**Status**  
Status: Ready

**Pattern Definition**

|  |  |  |  |
|--|--|--|--|
| Route Pattern*   | 916503646325   |  |  |
| Route Partition  | < None >   |  |  |
| Description  | PSTN   |  |  |
| Numbering Plan   | -- Not Selected --   |  |  |
| Route Filter   | < None >   |  |  |
| MLPP Precedence*   | Default  |  |  |
| Resource Priority Namespace Network Domain                 | < None >   |  |  |
| Gateway/Route List*  | S2/SU0/DS1-1@TELU3825 (Edit)   |  |  |
| Route Option   | <input checked="" type="radio"/> Route this pattern<br><input type="radio"/> Block this pattern No Error |  |  |
| Call Classification*                                       | OffNet   |  |  |
| <input type="checkbox"/> Allow Device Override             | <input checked="" type="checkbox"/> Provide Outside Dial Tone  | <input type="checkbox"/> Allow Overlap Sending | <input type="checkbox"/> Urgent Priority |
| <input type="checkbox"/> Require Forced Authorization Code |  |  |  |
| Authorization Level*                                       | 0  |  |  |
| <input type="checkbox"/> Require Client Matter Code        |  |  |  |

**Calling Party Transformations**

|   |                   |  |  |
|---|-------------------|--|--|
| <input type="checkbox"/> Use Calling Party's External Phone Number Mask |                   |  |  |
| Calling Party Transform Mask  |                   |  |  |
| Prefix Digits (Outgoing Calls)  |                   |  |  |
| Calling Line ID Presentation*   | Default           |  |  |
| Calling Name Presentation*  | Default           |  |  |
| Calling Party Number Type*  | Cisco CallManager |  |  |
| Calling Party Numbering Plan*   | Cisco CallManager |  |  |

**Connected Party Transformations**

|                                 |         |
|---------------------------------|---------|
| Connected Line ID Presentation* | Default |
| Connected Name Presentation*    | Default |

Called Party Transformations



## PSTN Route Configuration (2 of 2)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
ccadministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

### Route Pattern Configuration

Related Links: Back To Find/List Go

Save Delete Copy Add New

Allow Device Override  Provide Outside Dial Tone  Allow Overlap Sending  Urgent Priority

Require Forced Authorization Code

Authorization Level\*

Require Client Matter Code

#### Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask

Prefix Digits (Outgoing Calls)

Calling Line ID Presentation\*

Calling Name Presentation\*

Calling Party Number Type\*

Calling Party Numbering Plan\*

#### Connected Party Transformations

Connected Line ID Presentation\*

Connected Name Presentation\*

#### Called Party Transformations

Discard Digits

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

Called Party Number Type\*

Called Party Numbering Plan\*

#### ISDN Network-Specific Facilities Information Element

Network Service Protocol

Carrier Identification Code

| Network Service                                 | Service Parameter Name                           | Service Parameter Value |
|---|--|-------------------------|
| <input type="text" value="-- Not Selected --"/> | <input type="text" value="&lt; Not Exist &gt;"/> | <input type="text"/>    |

Save Delete Copy Add New

**i** \* indicates required item.



## Translation Pattern for Incoming Calls (1 of 2)

Navigation Path: Call Routing -> Translation Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
ccadministrator | About | Logout

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

### Translation Pattern Configuration

Related Links: [Back To Find/List](#)

**Status**  
Status: Ready

**Pattern Definition**

|  |   |
|--|---|
| Translation Pattern                        | 91408527XXXX  |
| Partition                                  | < None >  |
| Description                                | PSTN to CCM   |
| Numbering Plan                             | < None >  |
| Route Filter                               | < None >  |
| MLPP Precedence*                           | Default   |
| Resource Priority Namespace Network Domain | < None >  |
| Calling Search Space                       | < None >  |
| Route Option                               | <input checked="" type="radio"/> Route this pattern<br><input type="radio"/> Block this pattern <input type="text" value="No Error"/> |

Provide Outside Dial Tone  
 Urgent Priority

**Calling Party Transformations**

Use Calling Party's External Phone Number Mask

|                                |                      |
|--------------------------------|----------------------|
| Calling Party Transform Mask   | <input type="text"/> |
| Prefix Digits (Outgoing Calls) | <input type="text"/> |
| Calling Line ID Presentation*  | Default              |
| Calling Name Presentation*     | Default              |
| Calling Party Number Type*     | Cisco CallManager    |
| Calling Party Numbering Plan*  | Cisco CallManager    |

**Connected Party Transformations**

|                                 |         |
|---------------------------------|---------|
| Connected Line ID Presentation* | Default |
| Connected Name Presentation*    | Default |

**Called Party Transformations**

|                             |          |
|-----------------------------|----------|
| Discard Digits              | < None > |
| Called Party Transform Mask | 4020     |



## Translation Pattern for Incoming Calls (2 of 2)

Navigation Path: Call Routing -> Translation Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
ccadministrator | About | Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

### Translation Pattern Configuration

Related Links: Back To Find/List Go

Save Delete Copy Add New

Numbering Plan: < None >  
Route Filter: < None >  
MLPP Precedence\*: Default  
Resource Priority Namespace Network Domain: < None >  
Calling Search Space: < None >  
Route Option:  
 Route this pattern  
 Block this pattern No Error

Provide Outside Dial Tone  
 Urgent Priority

#### Calling Party Transformations

Use Calling Party's External Phone Number Mask  
Calling Party Transform Mask:  
Prefix Digits (Outgoing Calls):  
Calling Line ID Presentation\*: Default  
Calling Name Presentation\*: Default  
Calling Party Number Type\*: Cisco CallManager  
Calling Party Numbering Plan\*: Cisco CallManager

#### Connected Party Transformations

Connected Line ID Presentation\*: Default  
Connected Name Presentation\*: Default

#### Called Party Transformations

Discard Digits: < None >  
Called Party Transform Mask: 4020  
Prefix Digits (Outgoing Calls):  
Called Party Number Type\*: Cisco CallManager  
Called Party Numbering Plan\*: Cisco CallManager

Save Delete Copy Add New

**i** \* indicates required item.





## Overlap Route Sending Configuration (1 of 2)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration | Go  
CCMAdministrator | About | Logout

System | Call Routing | Media Resources | Voice Mail | Device | Application | User Management | Bulk Administration | Help

### Route Pattern Configuration

Related Links: [Back To Find/List](#) | Go

Save | Delete | Copy | Add New

**Status**  
Status: Ready

**Pattern Definition**

|  |  |   |  |
|--|--|---|--|
| Route Pattern*   | 9.3  |   |  |
| Route Partition  | < None >   |   |  |
| Description  | OVS to NextiraOne  |   |  |
| Numbering Plan   | -- Not Selected --   |   |  |
| Route Filter   | < None >   |   |  |
| MLPP Precedence*   | Default  |   |  |
| Resource Priority Namespace Network Domain                 | < None >   |   |  |
| Gateway/Route List*  | S2/SU0/DS1-1@TELU3825 <a href="#">(Edit)</a>   |   |  |
| Route Option   | <input checked="" type="radio"/> Route this pattern<br><input type="radio"/> Block this pattern   No Error |   |  |
| Call Classification*                                       | OffNet   |   |  |
| <input type="checkbox"/> Allow Device Override             | <input checked="" type="checkbox"/> Provide Outside Dial Tone  | <input checked="" type="checkbox"/> Allow Overlap Sending | <input type="checkbox"/> Urgent Priority |
| <input type="checkbox"/> Require Forced Authorization Code |  |   |  |
| Authorization Level*                                       | 0  |   |  |
| <input type="checkbox"/> Require Client Matter Code        |  |   |  |

**Calling Party Transformations**

|   |                   |
|---|-------------------|
| <input type="checkbox"/> Use Calling Party's External Phone Number Mask |                   |
| Calling Party Transform Mask  |                   |
| Prefix Digits (Outgoing Calls)  |                   |
| Calling Line ID Presentation*   | Default           |
| Calling Name Presentation*  | Default           |
| Calling Party Number Type*  | Cisco CallManager |
| Calling Party Numbering Plan*   | Cisco CallManager |

**Connected Party Transformations**

|                                 |         |
|---------------------------------|---------|
| Connected Line ID Presentation* | Default |
| Connected Name Presentation*    | Default |

Called Party Transformations



## Overlap Route Sending Configuration (2 of 2)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
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### Route Pattern Configuration

Related Links: Back To Find/List Go

Save Delete Copy Add New

Allow Device Override  Provide Outside Dial Tone  Allow Overlap Sending  Urgent Priority

Require Forced Authorization Code

Authorization Level\*

Require Client Matter Code

#### Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask

Prefix Digits (Outgoing Calls)

Calling Line ID Presentation\* Default

Calling Name Presentation\* Default

Calling Party Number Type\* Cisco CallManager

Calling Party Numbering Plan\* Cisco CallManager

#### Connected Party Transformations

Connected Line ID Presentation\* Default

Connected Name Presentation\* Default

#### Called Party Transformations

Discard Digits PreDot

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

Called Party Number Type\* Cisco CallManager

Called Party Numbering Plan\* Cisco CallManager

#### ISDN Network-Specific Facilities Information Element

Network Service Protocol -- Not Selected --

Carrier Identification Code

| Network Service    | Service Parameter Name | Service Parameter Value |
|--------------------|------------------------|-------------------------|
| -- Not Selected -- | < Not Exist >          | <input type="text"/>    |

Save Delete Copy Add New

**i** \* indicates required item.



## Overlap Route Sending Configuration (1 of 2)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration | Go  
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**Route Pattern Configuration** | Related Links: Back To Find/List | Go

Save | Delete | Copy | Add New

**Status**  
Update successful

**Pattern Definition**

|  |  |   |  |
|--|--|---|--|
| Route Pattern*   | 9.6  |   |  |
| Route Partition  | < None >   |   |  |
| Description  | OVS to Compidea  |   |  |
| Numbering Plan   | -- Not Selected --   |   |  |
| Route Filter   | < None >   |   |  |
| MLPP Precedence*   | Default  |   |  |
| Resource Priority Namespace Network Domain                 | < None >   |   |  |
| Gateway/Route List*  | S2/SU0/DS1-0@TELU3825 (Edit)   |   |  |
| Route Option   | <input checked="" type="radio"/> Route this pattern<br><input type="radio"/> Block this pattern   No Error |   |  |
| Call Classification*                                       | OffNet   |   |  |
| <input type="checkbox"/> Allow Device Override             | <input checked="" type="checkbox"/> Provide Outside Dial Tone  | <input checked="" type="checkbox"/> Allow Overlap Sending | <input type="checkbox"/> Urgent Priority |
| <input type="checkbox"/> Require Forced Authorization Code |  |   |  |
| Authorization Level*                                       | 0  |   |  |
| <input type="checkbox"/> Require Client Matter Code        |  |   |  |

**Calling Party Transformations**

|   |                   |  |  |
|---|-------------------|--|--|
| <input type="checkbox"/> Use Calling Party's External Phone Number Mask |                   |  |  |
| Calling Party Transform Mask  |                   |  |  |
| Prefix Digits (Outgoing Calls)  |                   |  |  |
| Calling Line ID Presentation*   | Default           |  |  |
| Calling Name Presentation*  | Default           |  |  |
| Calling Party Number Type*  | Cisco CallManager |  |  |
| Calling Party Numbering Plan*   | Cisco CallManager |  |  |

**Connected Party Transformations**

|                                 |         |
|---------------------------------|---------|
| Connected Line ID Presentation* | Default |
| Connected Name Presentation*    | Default |



## Overlap Route Sending Configuration (2 of 2)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration [Go]  
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### Route Pattern Configuration

Related Links: Back To Find/List [Go]

Save [X] Delete Copy Add New

Allow Device Override  Provide Outside Dial Tone  Allow Overlap Sending  Urgent Priority

Require Forced Authorization Code

Authorization Level\*

Require Client Matter Code

#### Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask

Prefix Digits (Outgoing Calls)

Calling Line ID Presentation\*

Calling Name Presentation\*

Calling Party Number Type\*

Calling Party Numbering Plan\*

#### Connected Party Transformations

Connected Line ID Presentation\*

Connected Name Presentation\*

#### Called Party Transformations

Discard Digits

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

Called Party Number Type\*

Called Party Numbering Plan\*

#### ISDN Network-Specific Facilities Information Element

Network Service Protocol

Carrier Identification Code

| Network Service                                 | Service Parameter Name                           | Service Parameter Value |
|---|--|-------------------------|
| <input type="text" value="-- Not Selected --"/> | <input type="text" value="&lt; Not Exist &gt;"/> | <input type="text"/>    |

Save Delete Copy Add New

\*- indicates required item.



## CLIR Route Pattern Configuration (Number)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
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### Route Pattern Configuration

Related Links: [Back To Find/List](#)

**Status**  
Status: Ready

**Pattern Definition**

|  |  |   |  |
|--|--|---|--|
| Route Pattern*   | 3XXX   |   |  |
| Route Partition  | < None >   |   |  |
| Description  | TELUGU to NextiraOne   |   |  |
| Numbering Plan   | -- Not Selected --   |   |  |
| Route Filter   | < None >   |   |  |
| MLPP Precedence*   | Default  |   |  |
| Resource Priority Namespace Network Domain                 | < None >   |   |  |
| Gateway/Route List*  | S2/SU0/DS1-1@TELUGU3825 <a href="#">(Edit)</a>   |   |  |
| Route Option   | <input checked="" type="radio"/> Route this pattern<br><input type="radio"/> Block this pattern No Error |   |  |
| Call Classification*                                       | OffNet   |   |  |
| <input type="checkbox"/> Allow Device Override             | <input checked="" type="checkbox"/> Provide Outside Dial Tone  | <input checked="" type="checkbox"/> Allow Overlap Sending | <input type="checkbox"/> Urgent Priority |
| <input type="checkbox"/> Require Forced Authorization Code |  |   |  |
| Authorization Level*                                       | 0  |   |  |
| <input type="checkbox"/> Require Client Matter Code        |  |   |  |

**Calling Party Transformations**

|   |                   |  |  |
|---|-------------------|--|--|
| <input type="checkbox"/> Use Calling Party's External Phone Number Mask |                   |  |  |
| Calling Party Transform Mask  |                   |  |  |
| Prefix Digits (Outgoing Calls)  |                   |  |  |
| Calling Line ID Presentation*   | Restricted        |  |  |
| Calling Name Presentation*  | Default           |  |  |
| Calling Party Number Type*  | Cisco CallManager |  |  |
| Calling Party Numbering Plan*   | Cisco CallManager |  |  |

**Connected Party Transformations**

|                                 |         |
|---------------------------------|---------|
| Connected Line ID Presentation* | Default |
| Connected Name Presentation*    | Default |

Called Party Transformations



## CNIR Route Pattern Configuration (Name)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
CCMAdministrator | About | Logout

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Route Pattern Configuration Related Links: [Back To Find/List](#)

**Status**  
Status: Ready

**Pattern Definition**

|  |  |   |  |
|--|--|---|--|
| Route Pattern*   | 3XXX   |   |  |
| Route Partition  | < None >   |   |  |
| Description  | TELUGU to NextiraOne   |   |  |
| Numbering Plan   | -- Not Selected --   |   |  |
| Route Filter   | < None >   |   |  |
| MLPP Precedence*   | Default  |   |  |
| Resource Priority Namespace Network Domain                 | < None >   |   |  |
| Gateway/Route List*  | S2/SU0/DS1-1@TELUGU3825 <a href="#">(Edit)</a>   |   |  |
| Route Option   | <input checked="" type="radio"/> Route this pattern<br><input type="radio"/> Block this pattern   No Error |   |  |
| Call Classification*                                       | OffNet   |   |  |
| <input type="checkbox"/> Allow Device Override             | <input checked="" type="checkbox"/> Provide Outside Dial Tone  | <input checked="" type="checkbox"/> Allow Overlap Sending | <input type="checkbox"/> Urgent Priority |
| <input type="checkbox"/> Require Forced Authorization Code |  |   |  |
| Authorization Level*                                       | 0  |   |  |
| <input type="checkbox"/> Require Client Matter Code        |  |   |  |

**Calling Party Transformations**

|   |                   |  |  |
|---|-------------------|--|--|
| <input type="checkbox"/> Use Calling Party's External Phone Number Mask |                   |  |  |
| Calling Party Transform Mask  |                   |  |  |
| Prefix Digits (Outgoing Calls)  |                   |  |  |
| Calling Line ID Presentation*   | Default           |  |  |
| Calling Name Presentation*  | Restricted        |  |  |
| Calling Party Number Type*  | Cisco CallManager |  |  |
| Calling Party Numbering Plan*   | Cisco CallManager |  |  |

**Connected Party Transformations**

|                                 |         |
|---------------------------------|---------|
| Connected Line ID Presentation* | Default |
| Connected Name Presentation*    | Default |

Called Party Transformations





## COLR Translation Pattern Configuration (Number)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

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### Route Pattern Configuration

Related Links: Back To Find/List | Go

Save | Delete | Copy | Add New

**Pattern Definition**

Route Pattern\* 3XXX  
Route Partition < None >  
Description TELUGU to NextiraOne  
Numbering Plan -- Not Selected --  
Route Filter < None >  
MLPP Precedence\* Default  
Resource Priority Namespace Network Domain < None >  
Gateway/Route List\* S2/SU0/DS1-1@TELUGU3825 (Edit)  
Route Option  
 Route this pattern  
 Block this pattern No Error  
Call Classification\* OffNet  
 Allow Device Override  Provide Outside Dial Tone  Allow Overlap Sending  Urgent Priority  
 Require Forced Authorization Code  
Authorization Level\* 0  
 Require Client Matter Code

**Calling Party Transformations**

Use Calling Party's External Phone Number Mask  
Calling Party Transform Mask  
Prefix Digits (Outgoing Calls)  
Calling Line ID Presentation\* Default  
Calling Name Presentation\* Default  
Calling Party Number Type\* Cisco CallManager  
Calling Party Numbering Plan\* Cisco CallManager

**Connected Party Transformations**

Connected Line ID Presentation\* Restricted  
Connected Name Presentation\* Default

**Called Party Transformations**

Discard Digits < None >  
Called Party Transform Mask  
Prefix Digits (Outgoing Calls)



## CONR Translation Pattern Configuration (Name)

Navigation Path: Call Routing -> Route/Hunt -> Route Pattern

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

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### Route Pattern Configuration

Related Links: [Back To Find/List](#)

#### Pattern Definition

|  |   |
|--|---|
| Route Pattern*   | <input type="text" value="3XXX"/>   |
| Route Partition  | < None >  |
| Description  | TELUGU to NextiraOne  |
| Numbering Plan   | -- Not Selected --  |
| Route Filter   | < None >  |
| MLPP Precedence*   | Default   |
| Resource Priority Namespace Network Domain                 | < None >  |
| Gateway/Route List*  | S2/SU0/DS1-1@TELUGU3825 <a href="#">(Edit)</a>  |
| Route Option   | <input checked="" type="radio"/> Route this pattern<br><input type="radio"/> Block this pattern <input type="text" value="No Error"/> |
| Call Classification*                                       | OffNet  |
| <input type="checkbox"/> Allow Device Override             | <input checked="" type="checkbox"/> Provide Outside Dial Tone   |
| <input type="checkbox"/> Require Forced Authorization Code | <input checked="" type="checkbox"/> Allow Overlap Sending   |
| <input type="checkbox"/> Urgent Priority                   |   |
| Authorization Level*                                       | <input type="text" value="0"/>  |
| <input type="checkbox"/> Require Client Matter Code        |   |

#### Calling Party Transformations

|   |                      |
|---|----------------------|
| <input type="checkbox"/> Use Calling Party's External Phone Number Mask |                      |
| Calling Party Transform Mask  | <input type="text"/> |
| Prefix Digits (Outgoing Calls)  | <input type="text"/> |
| Calling Line ID Presentation*   | Default              |
| Calling Name Presentation*  | Default              |
| Calling Party Number Type*  | Cisco CallManager    |
| Calling Party Numbering Plan*   | Cisco CallManager    |

#### Connected Party Transformations

|                                 |            |
|---------------------------------|------------|
| Connected Line ID Presentation* | Default    |
| Connected Name Presentation*    | Restricted |

#### Called Party Transformations

|                                |                      |
|--------------------------------|----------------------|
| Discard Digits                 | < None >             |
| Called Party Transform Mask    | <input type="text"/> |
| Prefix Digits (Outgoing Calls) | <input type="text"/> |



## Call Forward by Reroute Service Parameter

Navigation Path: System -> Service Parameters

Cisco Unified CM Administration  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CEMAdministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Service Parameter Configuration Related Links: Parameters for All Servers Go

Save Set to Default Advanced

**Clusterwide Parameters (Feature - Forward)**

|  |                                |                                |
|--|--------------------------------|--------------------------------|
| Forward Maximum Hop Count *                              | 12                             | 12                             |
| Forward No Answer Timer *                                | 12                             | 12                             |
| Max Forward Hops to DN *                                 | 12                             | 12                             |
| Retain Forward Information *                             | False                          | False                          |
| Forward By Reroute Enabled *                             | True                           | False                          |
| Transform Forward by Reroute Destination *               | True                           | True                           |
| Always Forward Switch Voice Mail Calls *                 | True                           | True                           |
| Forward By Reroute T1 Timer *                            | 10                             | 10                             |
| Include Original Called Info for O.SIG Call Diversions * | Only after the first diversion | Only after the first diversion |
| Set Private Numbering Plan for Call Forward *            | False                          | False                          |
| Set Type of Number for Call Forward *                    | Level1RegionalNumber           | Level1RegionalNumber           |
| Max Forward UnRegistered Hops to DN *                    | 0                              | 0                              |
| CFA CSS Activation Policy *                              | With Configured CSS            | With Configured CSS            |
| Cause Code When Maximum Forward Hop Count is Triggered * | Normal Unspecified             | Normal Unspecified             |

There are hidden parameters in this group. Click on Advanced button to see hidden parameters.

**Clusterwide Parameters (Feature - Hold Reversion)**

|  |       |       |
|--|-------|-------|
| Hold Reversion Duration *              | 0     | 0     |
| Hold Reversion Notification Interval * | 30    | 30    |
| CFA Destination Override *             | False | False |

**Clusterwide Parameters (Feature - Call Pickup)**

|                               |       |       |
|-------------------------------|-------|-------|
| Auto Call Pickup Enabled *    | False | False |
| Call Pickup Locating Timer *  | 1     | 1     |
| Call Pickup No Answer Timer * | 12    | 12    |

**Clusterwide Parameters (Feature - Refer)**

|                         |                                     |                                     |
|-------------------------|-------------------------------------|-------------------------------------|
| Validate Refer-to URI * | Validate Except for Anonymous Users | Validate Except for Anonymous Users |
|-------------------------|-------------------------------------|-------------------------------------|

**Clusterwide Parameters (Feature - Replaces)**

|                                   |       |       |
|-----------------------------------|-------|-------|
| Blauk OffNet To OffNet Replaces * | False | False |
|-----------------------------------|-------|-------|

**Clusterwide Parameters (Feature - Redirection [3xx])**



## Callback Service Parameters

Navigation Path: System -> Service Parameters

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For Cisco Unified Communications Solutions

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CCMAdministrator About Logout

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Service Parameter Configuration Related Links: Parameters for All Servers Go

Save Set to Default Advanced

**Clusterwide Parameters (Feature - Call Back)**

|  |                                 |                                 |
|--|---------------------------------|---------------------------------|
| Call Back Enabled Flag *                   | True                            | True                            |
| Call Back Notification Audio File Name *   | CallBack.raw                    | CallBack.raw                    |
| Connection Proposal Type *                 | Connection Retention            | Connection Retention            |
| Connection Response Type *                 | Default to Connection Retention | Default to Connection Retention |
| Call Back Request Protection T1 Timer *    | 10                              | 10                              |
| Call Back Recall T3 Timer *                | 20                              | 20                              |
| Call Back Calling Search Space             | < None >                        |                                 |
| No Path Reservation *                      | True                            | True                            |
| Set Private Numbering Plan for Call Back * | False                           | False                           |
| Set Type of Number for Call Back *         | Level1RegionalNumber            | Level1RegionalNumber            |

**Clusterwide Parameters (Feature - Call Recording)**

|  |       |       |
|--|-------|-------|
| Play Recording Notification Tone To Observed Target *            | False | False |
| Play Recording Notification Tone To Observed Connected Parties * | False | False |

**Clusterwide Parameters (Feature - Monitoring)**

|   |       |       |
|---|-------|-------|
| Play Monitoring Notification Tone To Observed Target *            | False | False |
| Play Monitoring Notification Tone To Observed Connected Parties * | False | False |

**Clusterwide Parameters (Feature - Join Across Lines And Single Button Barge Feature Set)**

|                                     |     |     |
|-------------------------------------|-----|-----|
| Join Across Lines Policy *          | Off | Off |
| Single Button Barge/CBarge Policy * | Off | Off |

**Clusterwide Parameters (Feature - Secure Tone)**

|                               |       |       |
|-------------------------------|-------|-------|
| Play Secure Indication Tone * | False | False |
|-------------------------------|-------|-------|

**Clusterwide Parameters (Route Plan)**

|   |       |       |
|---|-------|-------|
| Stop Routing on Out of Bandwidth Flag *   | False | False |
| Stop Routing on Unallocated Number Flag * | True  | True  |
| Stop Routing on User Busy Flag *          | True  | True  |

There are hidden parameters in this group. Click on Advanced button to see hidden parameters.

**Clusterwide Parameters (Route Class Signaling)**

|                                    |           |           |
|------------------------------------|-----------|-----------|
| SIP Route Class Naming Authority * | cisco.com | cisco.com |
|------------------------------------|-----------|-----------|



## MWI lamp On/Off Configuration

Navigation Path: Voice Mail -> Message waiting

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
ccadministrator | About | Logout

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Message Waiting Configuration Related Links: [Back To Find/List](#)

**Status**  
 Status: Ready

**Message Waiting Information**

|                            |   |
|----------------------------|---|
| Message Waiting Number*    | <input type="text" value="7001"/>                                   |
| Partition                  | <input style="border: none;" type="text" value=" &lt; None &gt; "/> |
| Description                | <input style="border: none;" type="text" value=" MWI ON "/>         |
| Message Waiting Indicator* | <input checked="" type="radio"/> On <input type="radio"/> Off       |
| Calling Search Space       | <input style="border: none;" type="text" value=" &lt; None &gt; "/> |

\*- indicates required item.

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For Cisco Unified Communications Solutions

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Message Waiting Configuration Related Links: [Back To Find/List](#)

**Status**  
 Status: Ready

**Message Waiting Information**

|                            |   |
|----------------------------|---|
| Message Waiting Number*    | <input type="text" value="7000"/>                                   |
| Partition                  | <input style="border: none;" type="text" value=" &lt; None &gt; "/> |
| Description                | <input style="border: none;" type="text" value=" MWI OFF "/>        |
| Message Waiting Indicator* | <input type="radio"/> On <input checked="" type="radio"/> Off       |
| Calling Search Space       | <input style="border: none;" type="text" value=" &lt; None &gt; "/> |

\*- indicates required item.



## Voice Mail Profile Configuration

Navigation Path: Voice Mail -> Voice Mail Profile

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
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**Voice Mail Profile Configuration** Related Links: [Back To Find/List](#)

**Status**  
 Status: Ready

**Voice Mail Profile Information**

Voice Mail Profile: CM-TELVUGU-VMP (used by 4 devices)  
Voice Mail Profile Name\*:   
Description:   
Voice Mail Pilot\*\*:   
Voice Mail Box Mask:   
 Make this the default Voice Mail Profile for the System

\*- indicates required item.  
 \*\*-. The Voice Mail Pilot is comprised of the Voice Mail Pilot Number and it's corresponding Calling Search Space Name (< Voice Mail Pilot Number >/< Calling Search Space >).

## Voice Mail Pilot Configuration

Navigation Path: Voice Mail -> Voice Mail Pilot

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
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**Voice Mail Pilot Configuration** Related Links: [Back To Find/List](#)

**Status**  
 Status: Ready

**Voice Mail Pilot Information**

Voice Mail Pilot Number:   
Calling Search Space:   
Description:   
 Make this the default Voice Mail Pilot for the system

\*- indicates required item.





## Voice Mail Ports List

Navigation Path: Voice Mail -> Cisco Voice Mail Port

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration   
ccadministrator | About | Logout

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### Find and List Voice Mail Ports

**Status**  
4 records found

#### Voice Mail Port (1 - 4 of 4)

Rows per Page: 50

Find Voice Mail Port where: Device Name ▾ begins with ▾

Select item or enter search text ▾

| <input type="checkbox"/> | Device Name ^                | Description | Device Pool             | Device Security Mode       | Calling Search Space | Ext.                 | Partition | Status                    | IP Address     | Copy |
|--------------------------|------------------------------|-------------|-------------------------|----------------------------|----------------------|----------------------|-----------|---------------------------|----------------|------|
| <input type="checkbox"/> | <a href="#">CiscoUM1-V11</a> | voicemail   | <a href="#">Default</a> | Non Secure Voice Mail Port |                      | <a href="#">4011</a> |           | Registered with CM-TELUGU | 172.20.239.252 |      |
| <input type="checkbox"/> | <a href="#">CiscoUM1-V12</a> | voicemail   | <a href="#">Default</a> | Non Secure Voice Mail Port |                      | <a href="#">4012</a> |           | Registered with CM-TELUGU | 172.20.239.252 |      |
| <input type="checkbox"/> | <a href="#">CiscoUM1-V13</a> | voicemail   | <a href="#">Default</a> | Non Secure Voice Mail Port |                      | <a href="#">4013</a> |           | Registered with CM-TELUGU | 172.20.239.252 |      |
| <input type="checkbox"/> | <a href="#">CiscoUM1-V14</a> | voicemail   | <a href="#">Default</a> | Non Secure Voice Mail Port |                      | <a href="#">4014</a> |           | Registered with CM-TELUGU | 172.20.239.252 |      |



## Voice Mail Port Configuration

Navigation Path: Voice Mail -> Cisco Voice Mail Port

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

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Voice Mail Port Configuration Related Links: [Back To Find/List](#)

---

**Status**  
 Status: Ready

---

**Device Information**

|                             |  |
|-----------------------------|--|
| Registration                | Registered with Cisco Unified Communications Manager CM-TELUGU |
| IP Address                  | 172.20.239.252   |
| Port Name*                  | <input type="text" value="CiscoUM1-VI1"/>                      |
| Description                 | <input type="text" value="voicemail"/>                         |
| Device Pool*                | <input type="text" value="Default"/>                           |
| Common Device Configuration | <input type="text" value="&lt; None &gt;"/>                    |
| Calling Search Space        | <input type="text" value="&lt; None &gt;"/>                    |
| AAR Calling Search Space    | <input type="text" value="&lt; None &gt;"/>                    |
| Location*                   | <input type="text" value="HuB_None"/>                          |
| Device Security Mode*       | <input type="text" value="Non Secure Voice Mail Port"/>        |
| Use Trusted Relay Point*    | <input type="text" value="Default"/>                           |

---

**Directory Number Information**

|   |   |
|---|---|
| Directory Number*                         | <input type="text" value="4011"/>           |
| Partition                                 | <input type="text" value="&lt; None &gt;"/> |
| Calling Search Space                      | <input type="text" value="&lt; None &gt;"/> |
| AAR Group                                 | <input type="text" value="&lt; None &gt;"/> |
| Internal Caller ID Display                | <input type="text" value="VoiceMail"/>      |
| Internal Caller ID Display (ASCII format) | <input type="text" value="VoiceMail"/>      |
| External Number Mask                      | <input type="text"/>                        |

---

\*- indicates required item.



## Callback Soft key Configuration (1 of 2)

Navigation Path: Device -> Device Settings -> Soft key template

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration

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**Softkey Template Configuration** Related Links: [Softkey Template Configuration](#)

**Status**  
Status: Ready

**Softkey Layout Configuration**  
Softkey Template: Standard User\_callback  
Select a call state to configure: On Hook

| Unselected Softkeys                   | Selected Softkeys (ordered by position)** |
|---------------------------------------|---|
| Conference List (ConfList)            | Redial (Redial)                           |
| Direct Transfer (DirTrfr)             | **NewCall (NewCall)                       |
| Group Pick Up (gPickUp)               | Forward All (CfwdAll)                     |
| HLog (HLog)                           | Call Back (CallBack)                      |
| Immediate Divert (iDivert)            |   |
| Join (Join)                           |   |
| Meet Me (MeetMe)                      |   |
| Mobility (Mobility)                   |   |
| Other Pickup (oPickup)                |   |
| Pick Up (PickUp)                      |   |
| Quality Report Tool (QRT)             |   |
| Remove Last Conference Party (RmLstC) |   |
| Select (Select)                       |   |
| Toggle Do Not Disturb (DND)           |   |
| Undefined (Undefined)                 |   |
| Video Mode Command (VidMode)          |   |

**i** \*. indicates required item.  
**i** \*\*. indicates mandatory fields



## Callback Soft key Configuration (2 of 2)

Navigation Path: Device -> Device Settings -> Soft key template

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration

CCMAdministrator | About | Logout

System | Call Routing | Media Resources | Voice Mail | Device | Application | User Management | Bulk Administration | Help

**Softkey Template Configuration** Related Links: [Softkey Template Configuration](#)

**Status**  
Status: Ready

**Softkey Layout Configuration**  
Softkey Template: Standard User\_callback  
Select a call state to configure: Ring Out

| Unselected Softkeys                                  | Selected Softkeys (ordered by position)**                           |
|--|---|
| Toggle Do Not Disturb (DND)<br>Undefined (Undefined) | Undefined (Undefined)<br>End Call (EndCall)<br>Call Back (Callback) |

**i** \*. indicates required item.  
**i** \*\*. indicates mandatory fields



## Path Replacement Service Parameters

Navigation Path: System -> Service Parameters

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration  CCMAdministrator | About | Logout

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Service Parameter Configuration Related Links: [Parameters for All Servers](#)

Save

| Clusterwide Parameters (Feature - Path Replacement)         |   |       |
|---|---|-------|
| <a href="#">Path Replacement Enabled</a> *                  | <input type="text" value="True"/>           | False |
| <a href="#">Path Replacement on Tromboned Calls</a> *       | <input type="text" value="True"/>           | True  |
| <a href="#">Start Path Replacement Minimum Delay Time</a> * | <input type="text" value="0"/>              | 0     |
| <a href="#">Start Path Replacement Maximum Delay Time</a> * | <input type="text" value="0"/>              | 0     |
| <a href="#">Path Replacement T1 Timer</a> *                 | <input type="text" value="30"/>             | 30    |
| <a href="#">Path Replacement T2 Timer</a> *                 | <input type="text" value="15"/>             | 15    |
| <a href="#">Path Replacement PINX ID</a>                    | <input type="text" value="4100"/>           |       |
| <a href="#">Path Replacement Calling Search Space</a>       | <input type="text" value="&lt; None &gt;"/> |       |

| Clusterwide Parameters (Feature - Call Back)               |  |                                 |
|--|--|---------------------------------|
| <a href="#">Call Back Enabled Flag</a> *                   | <input type="text" value="True"/>                            | True                            |
| <a href="#">Call Back Notification Audio File Name</a> *   | <input type="text" value="CallBack.raw"/>                    | CallBack.raw                    |
| <a href="#">Connection Proposal Type</a> *                 | <input type="text" value="Connection Retention"/>            | Connection Retention            |
| <a href="#">Connection Response Type</a> *                 | <input type="text" value="Default to Connection Retention"/> | Default to Connection Retention |
| <a href="#">Call Back Request Protection T3 Timer</a> *    | <input type="text" value="10"/>                              | 10                              |
| <a href="#">Call Back Recall T3 Timer</a> *                | <input type="text" value="20"/>                              | 20                              |
| <a href="#">Call Back Calling Search Space</a>             | <input type="text" value="&lt; None &gt;"/>                  |                                 |
| <a href="#">No Path Reservation</a> *                      | <input type="text" value="True"/>                            | True                            |
| <a href="#">Set Private Numbering Plan for Call Back</a> * | <input type="text" value="False"/>                           | False                           |
| <a href="#">Set Type of Number for Call Back</a> *         | <input type="text" value="Level1RegionalNumber"/>            | Level1RegionalNumber            |

| Clusterwide Parameters (Feature - Call Recording)                                |                                    |       |
|--|------------------------------------|-------|
| <a href="#">Play Recording Notification Tone To Observed Target</a> *            | <input type="text" value="False"/> | False |
| <a href="#">Play Recording Notification Tone To Observed Connected Parties</a> * | <input type="text" value="False"/> | False |

| Clusterwide Parameters (Feature - Monitoring)                                     |                                    |       |
|---|------------------------------------|-------|
| <a href="#">Play Monitoring Notification Tone To Observed Target</a> *            | <input type="text" value="False"/> | False |
| <a href="#">Play Monitoring Notification Tone To Observed Connected Parties</a> * | <input type="text" value="False"/> | False |

| Clusterwide Parameters (Feature - Join Across Lines And Single Button Barge Feature Set) |                                  |     |
|--|----------------------------------|-----|
| <a href="#">Join Across Lines Policy</a> *   | <input type="text" value="Off"/> | Off |
| <a href="#">Single Button Barge/CBarge Policy</a> *                                      | <input type="text" value="Off"/> | Off |

Clusterwide Parameters (Feature - Secure Tone)



## Path Replacement Call Pickup Group

Navigation Path: Call Routing -> Call Pickup Group

**Cisco Unified CM Administration**  
For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go  
CCMAdministrator About Logout

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Call Pickup Group Configuration Related Links: Back To Find/List Go

Save Delete Copy Add New

**Call Pickup Group Information**

Call Pickup Group Name\* Alcatel Pathreplacement Pickup Group  
Call Pickup Group Number\* 4100  
Description  
Partition < None >

**Call Pickup Group Notification Settings**

Call Pickup Group Notification Policy No Alert  
Call Pickup Group Notification Timer (seconds)\* 6

**Call Information Display For Call Pickup Group Notification**

Calling Party Information  Called Party Information

**Associated Call Pickup Group Information**

**Find Pickup Numbers by Numbers/Partition**

Partition < None >  
Call Pickup Group Numbers Contain Find  
Available Call Pickup Groups (No Matches Found)  
Add to Associated Call Pickup Groups

**Current Associated Call Pickup Groups**

Selected Call Pickup Groups 4100 Reverse Order of Selected Numbers  
Removed Call Pickup Groups

Save Delete Copy Add New





## Configuring Cisco Router 3825

### TELUGU3825#show version

Cisco IOS Software, 3800 Software (C3825-IPVOICE\_IVS-M), Version 12.4(15)XZ, RELEASE SOFTWARE (fc2)  
Technical Support: <http://www.cisco.com/techsupport>  
Copyright (c) 1986-2008 by Cisco Systems, Inc.  
Compiled Fri 11-Apr-08 21:10 by prod\_rel\_team

ROM: System Bootstrap, Version 12.3(11r)T2, RELEASE SOFTWARE (fc1)

TELUGU3825 uptime is 5 weeks, 3 days, 2 hours, 18 minutes  
System returned to ROM by reload at 17:18:07 UTC Fri Oct 24 2008  
System image file is "flash:c3825-ipvoice\_ivs-mz.124-15.XZ.bin"

Cisco 3825 (revision 1.0) with 226304K/35840K bytes of memory.  
Processor board ID FTX0925A0ST  
2 Gigabit Ethernet interfaces  
42 Serial interfaces  
1 Serial(sync/async) interface  
2 Channelized E1/PRI ports  
DRAM configuration is 64 bits wide with parity enabled.  
479K bytes of NVRAM.  
125184K bytes of ATA System CompactFlash (Read/Write)

Configuration register is 0x2102

### TELUGU3825#show run

Building configuration...

Current configuration : 2682 bytes

```
!  
version 12.4  
service timestamps debug datetime msec  
service timestamps log datetime msec  
no service password-encryption  
!  
hostname TELUGU3825  
!  
boot-start-marker  
boot-end-marker  
!  
logging message-counter syslog  
enable password cisco  
!  
no aaa new-model  
no network-clock-participate slot 2  
!  
voice-card 0  
no dspfarm  
!  
voice-card 2  
--More--      dspfarm  
!  
ip cef  
!
```



```
!  
no ip domain lookup  
ip host CM-TELUGU 172.20.109.254  
ip name-server 172.20.109.254  
multilink bundle-name authenticated  
!  
isdn switch-type primary-qsig  
!  
!  
voice call carrier capacity active  
!  
voice service pots  
!  
voice service voip  
fax protocol t38 ls-redundancy 2 hs-redundancy 0 fallback none  
sip  
!  
--More--      !  
voice class codec 1  
codec preference 1 g711ulaw  
!  
!  
voice class h323 1  
call start slow  
!  
!  
archive  
log config  
--More--      hidekeys  
!  
!  
controller E1 2/0/0  
pri-group timeslots 1-31 service mgcp  
!  
controller E1 2/0/1  
pri-group timeslots 1-10,16 service mgcp  
!  
!  
interface GigabitEthernet0/0  
ip address 172.20.109.201 255.255.255.0  
duplex auto  
speed auto  
media-type rj45  
!  
interface GigabitEthernet0/1  
no ip address  
shutdown  
duplex auto  
--More--      speed auto  
media-type rj45  
!  
interface Serial0/0/0  
no ip address  
shutdown  
no fair-queue  
clock rate 2000000  
!
```



```
interface Serial2/0/0:15
no ip address
encapsulation hdlc
isdn switch-type primary-qsig
isdn incoming-voice voice
isdn bind-13 ccm-manager
no cdp enable
!
interface Serial2/0/1:15
no ip address
encapsulation hdlc
isdn switch-type primary-qsig
isdn incoming-voice voice
isdn bind-13 ccm-manager
--More--      no cdp enable
!
ip forward-protocol nd
ip route 0.0.0.0 0.0.0.0 172.20.109.1
ip route 0.0.0.0 0.0.0.0 GigabitEthernet0/0
!
!
no ip http server
!
dialer-list 1 protocol ip permit
!
!
control-plane
!
!
voice-port 2/0/0:15
!
voice-port 2/0/1:15
!
ccm-manager mgcp
ccm-manager music-on-hold
--More--      ccm-manager config server CM-TELUGU
!
mgcp
mgcp call-agent CM-TELUGU 2427 service-type mgcp version 0.1
mgcp dtmf-relay voip codec all mode out-of-band
mgcp rtp unreachable timeout 1000 action notify
mgcp modem passthrough voip mode nse
mgcp package-capability rtp-package
mgcp package-capability sst-package
mgcp package-capability pre-package
no mgcp package-capability res-package
no mgcp package-capability fxr-package
no mgcp timer receive-rtcp
mgcp sdp simple
mgcp fax t38 inhibit
mgcp rtp payload-type g726r16 static
!
mgcp profile default
!
!
dial-peer cor custom
!
```



```
!  
--More--      !  
dial-peer voice 1 pots  
service mgcpapp  
!  
dial-peer voice 2 pots  
service mgcpapp  
!  
!  
gatekeeper  
shutdown  
!  
!  
line con 0  
line aux 0  
line vty 0 4  
password cisco  
login  
transport input telnet  
transport output telnet  
!  
scheduler allocate 20000 1000  
end  
--More--  
TELUGU3825#
```



## Acronyms

| Acronym | Definitions   |
|---------|---|
| ANF-PR  | Additional Network Feature Path Replacement   |
| AOC     | Advice-of-charge. Information element is sent with the connection setup information for incoming Euro-ISDN connections. The AOC IE is used for call charge calculation. |
| CUCM    | Cisco Unified Communications Manager  |
| CCBS    | Call Completion to Busy Subscriber  |
| CCNR    | Call Completion on No Reply   |
| CFB     | Call Forwarding on Busy   |
| CFNR    | Call Forwarding No Reply  |
| CFU     | Call Forwarding Unconditional   |
| CLIP    | Calling Line (Number) Identification Presentation   |
| CLIR    | Calling Line (Number) Identification Restriction  |
| CNIP    | Calling Name Identification Presentation  |
| CNIR    | Calling Name Identification Restriction   |
| COLP    | Connected Line (Number) Identification Presentation   |
| COLR    | Connected Line (Number) Identification Restriction  |
| CONP    | Connected Name Identification Presentation  |
| CONR    | Connected Name Identification Restriction   |
| CT      | Call Transfer   |
| MWI     | Message Waiting Indicator   |
| PSTN    | Public Switched Telephone Network   |



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