



*Avaya Notification Solution (ANS)
Configuration with Cyberdata V3 Paging
Server/IP Speakers for Overhead Paging*

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Avaya Notification Solution (ANS) Configuration with Cyberdata V3 Paging Server/IP Speakers for Overhead Paging 930442A

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Technical Support

The fastest way to get technical support for your VoIP product is to submit a VoIP Technical Support form at the following website:
<http://www.cyberdata.net/support/contactsupportvoip.html>

We have several technical support staff monitoring this form and they will contact you within 12 hours after receiving a submission.

Phone: (831) 373-2601, Ext. 333

Email: support@cyberdata.net

Fax: (831) 373-4193

Company and product information is at www.cyberdata.net.

Revision Information

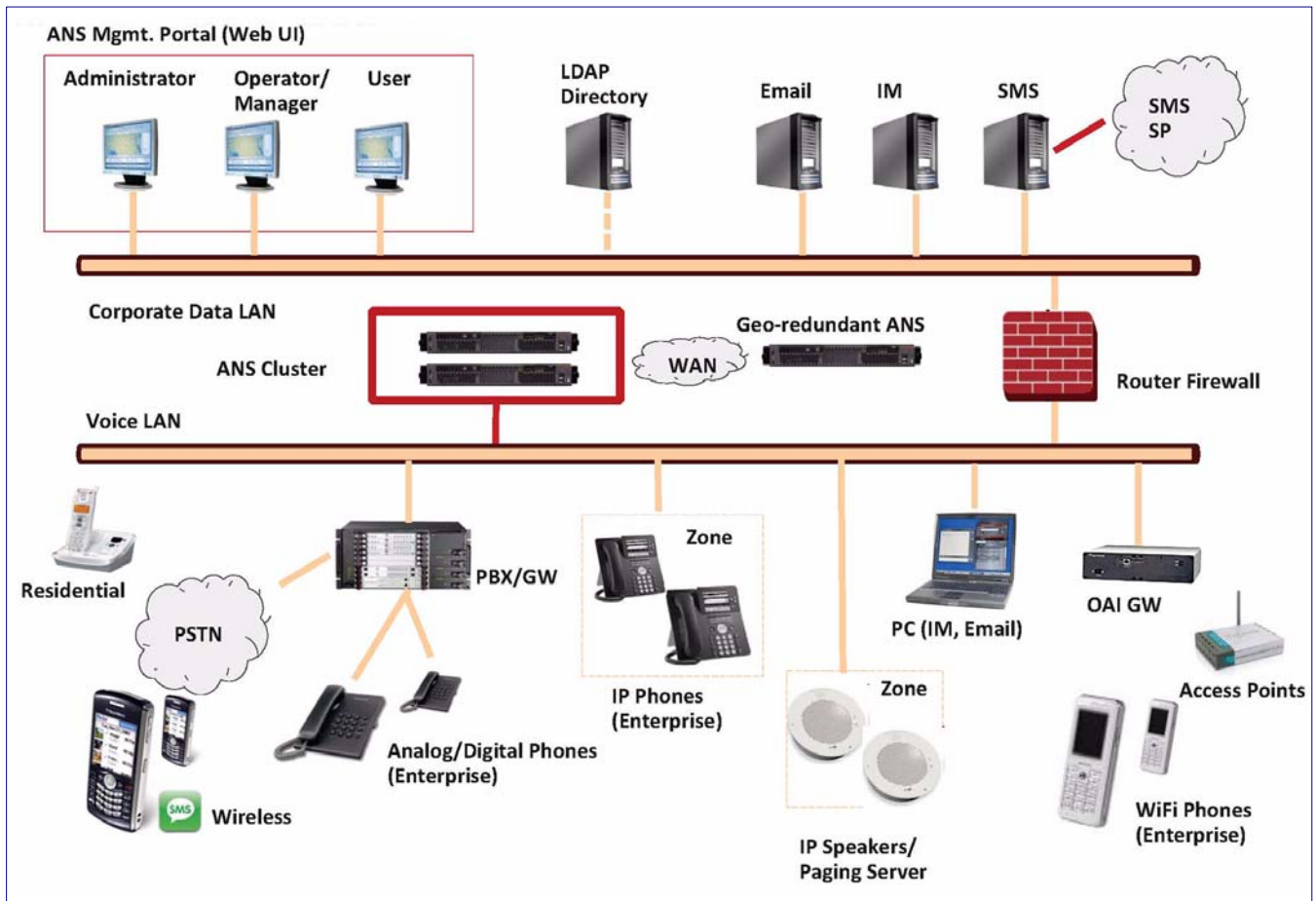
Revision 930442A, which was released on January 10, 2012, is the first release.

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1.0 Network Diagram

Figure 1. The Avaya Notification Solution (ANS) Network Connectivity (Voice and Data)



2.0 ANS Screenshots

Figure 2. Manager User Profile

AVAYA

ANS Web Portal Home

Manage User Profile

You can manage (add, edit & delete) other user's profile here

** Indicates required field. In phone numbers fields please enter numeric or +(numeric)*

User Profile

* User ID: demo Title:

* First Name: Middle Name:

Last Name: Telephone Security PIN:

Role: Web Login Password:

Activate

User Defined Fields

Portfolio Region Location

Contact Information

	Contact Information	Urgent Notifications Rule(seconds)
Work Phone	<input type="text" value="70012"/>	<input type="text" value="0"/>
Mobile Phone	<input type="text"/>	<input type="text" value="0"/>
Home Phone	<input type="text"/>	<input type="text" value="0"/>
IP Phone Extension	<input type="text"/>	<input type="text" value="0"/>

Figure 3. All Notification Scenarios—Details

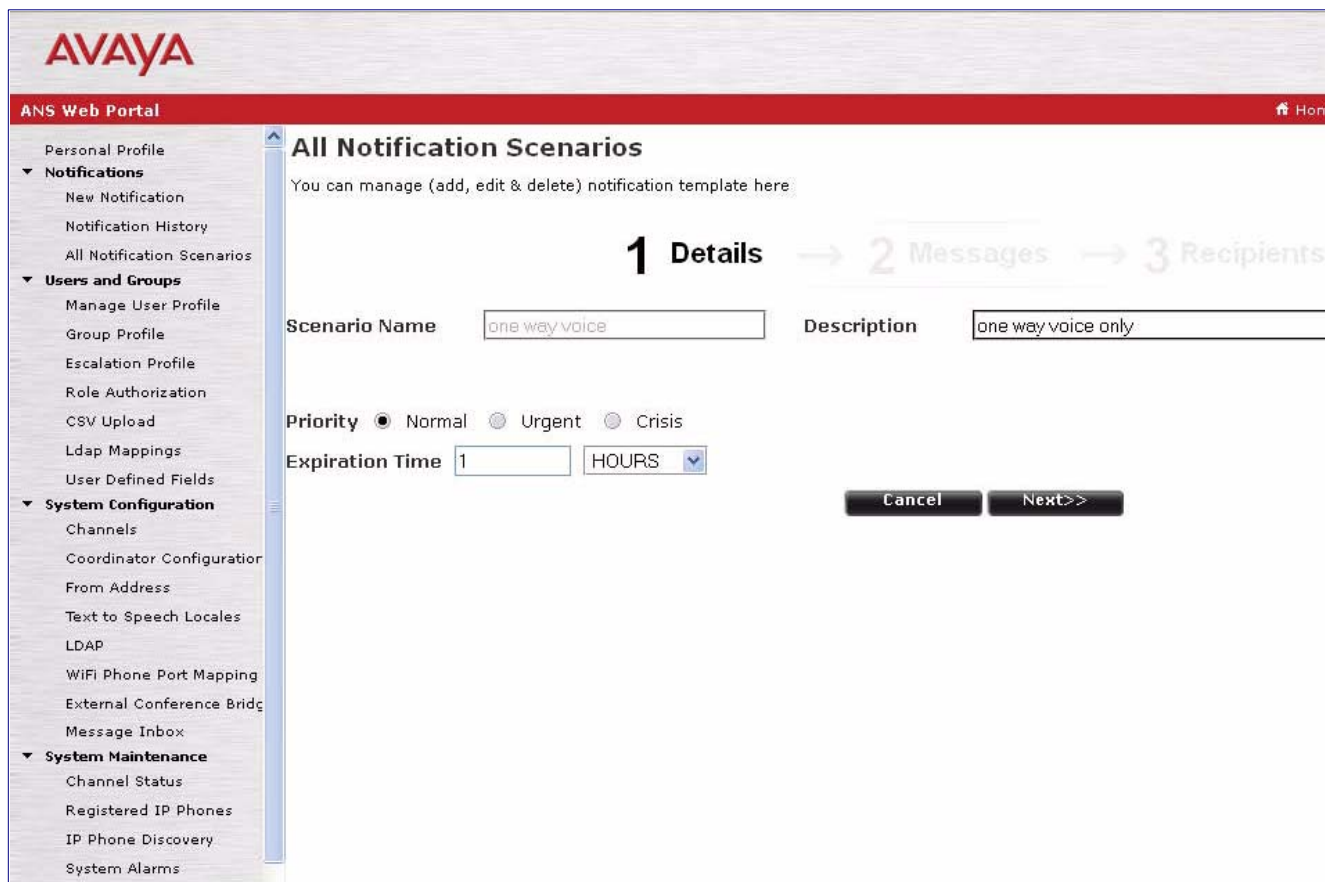


Figure 4. All Notification Scenarios—Messages

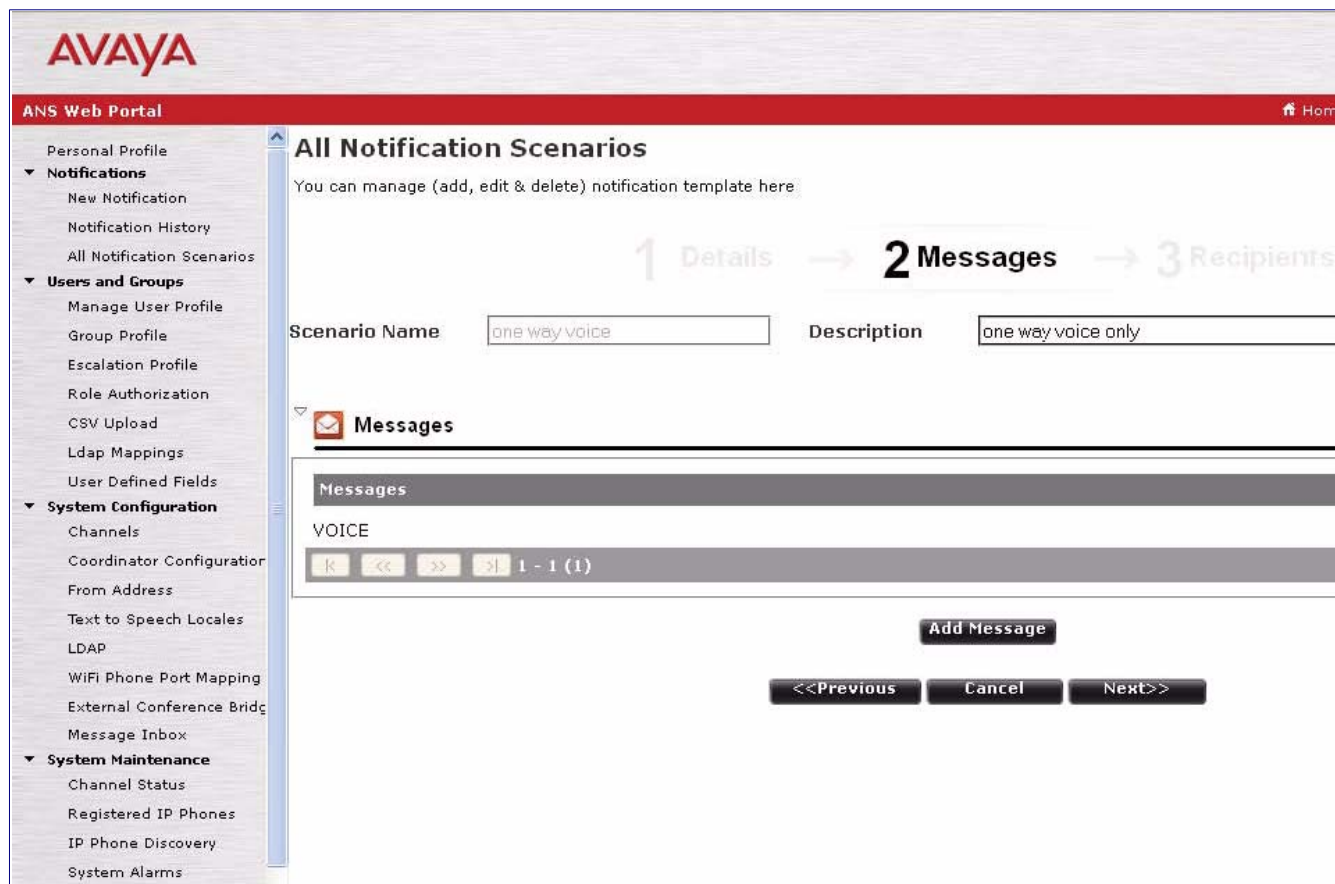


Figure 5. All Notification Scenarios—Add New Messages

AVAYA
ANS Web Portal

All Notification Scenarios
Add New Message

General Questions

* Required Fields: 1.Message Body 2.Use Custom Prompt must be provided

* Channel: VOICE * Locale: UNITED STATES - English Caller Id: 30

Display Name: ANS Retry Count: 0 Retry Delay(seconds): 0

Ring Timeout(seconds): Authenticate Recipient? Bypass Human detection?

Audio Conference: ANS Ad-Hoc Conference

* Use Custom Prompt: this is the avaya notification solution **Select Wave File** **Record Through**

* Message Body: this is a one way only notification test **Select Wave File** **Record Through**

Figure 6. All Notification Scenarios—Recipients

AVAYA
ANS Web Portal Home

All Notification Scenarios
You can manage (add, edit & delete) notification template here

1 Details → 2 Messages → 3 Recipients

Scenario Name: Description:

Users

* Please click on *Conf Role* column to change the conference role of the user/group/escalation.

Search value:

User Id	First Name	Middle Name	Last Name
admin	Admin	AnsAdmin	Ans
AUSER	Anonymous	AnsAdmin	Ans
carol	lastname		
demo	demo		
demo0	demo0		

Selected Users:

User Id	First Name
demo	demo

1 - 5 (21)

Groups

Figure 7. Notification History

The screenshot displays the AVAYA ANS Web Portal interface. The left sidebar contains navigation menus for Personal Profile, Notifications, Users and Groups, System Configuration, and System Maintenance. The main content area is titled "Notification History" and includes a sub-header: "You can view detailed notification history & terminate notification request here".

Request Status

Session Id:	1324513366307	Request Time:	2011-12-21 17:22:46.363
Start Time:	2011-12-21 17:22:46.47	End Time:	2011-12-21 17:22:58.926
Status:	Completed	Users Notified:	1
Originator:	admin	Users Contacted:	0
Duration (in Seconds):	12	Users Responded:	0
Last Escalation Sequence	0	Total Users in Request	1
Affirmative Response	0		

Notification Details: Notification Process Completed

Conference Status

Conference status is not available for this request

Recipient Status

Recipient Name

Recipient Name	First Name	Last Name	Status
demo	demo		Notified

Navigation: [K] [Left] [Right] [End] 1 - 1 (1)

Point Of Contact Status

Point Of Contact	Address	Status	Timestamp
WorkPhone	70012	Pending	2011-12-21 17:22:47.463

3.0 CyberData Screenshots

Figure 8. Ceiling Speaker—SIP Configuration

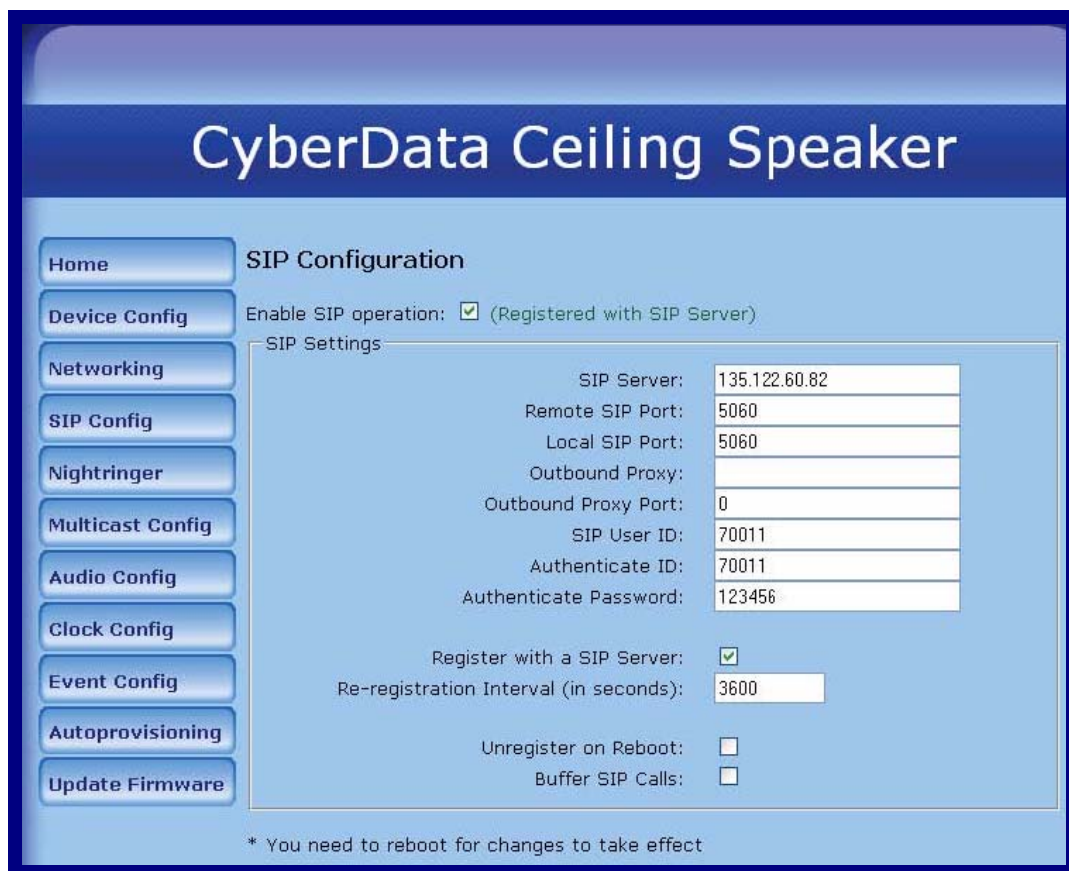


Figure 9. Ceiling Speaker—Multicast Configuration

CyberData Ceiling Speaker

Home Multicast Configuration

Device Config Enable Multicast operation:

Networking Device Settings

priority	Address	port	Multicas: Group Name	Buffered
9	239.168.3.10	11000	Emergency	<input type="checkbox"/>
8	239.168.3.9	10000	MG8	<input type="checkbox"/>
7	239.168.3.8	9000	MG7	<input type="checkbox"/>
6	239.168.3.7	8000	MG6	<input type="checkbox"/>
5	239.168.3.6	7000	MG5	<input type="checkbox"/>
SIP calls are considered priority 4.5				
4	239.168.3.5	6000	MG4	<input type="checkbox"/>
3	239.168.3.4	5000	MG3	<input type="checkbox"/>
2	239.168.3.3	4000	MG2	<input type="checkbox"/>
1	239.168.3.2	3000	MG1	<input type="checkbox"/>
0	239.168.3.1	2000	Background Music	<input type="checkbox"/>

Port range can be from 2000-65535
 Priority 9 is the highest and 0 is the lowest
 A higher priority audio stream will always supercede a lower one
 Priority 9 streams will play at maximum volume

Figure 10. Intercom—SIP Configuration

Cyberdata Intercom

Home **SIP Configuration**

Device Config Enable SIP operation: (Registered with SIP Server)

Networking

SIP Config

Nightringer

Sensor Config

Multicast Config

Audio Config

Event Config

Autoprovisioning

Update Firmware

SIP Settings

SIP Server:	135.122.60.82
Remote SIP Port:	5060
Local SIP Port:	5060
Outbound Proxy:	
Outbound Proxy Port:	0
SIP User ID:	70010
Authenticate ID:	70010
Authenticate Password:	123456

Register with a SIP Server:

Re-registration Interval (in seconds): 3600

Unregister on Reboot:

RTP Settings

RTP Port (even):	10500
------------------	-------

Dial Out Settings

Dial out Extension:	204
Extension ID:	id204

Figure 11. Intercom—Multicast Configuration

Cyberdata Intercom

Home | **Multicast Configuration** | Device Config | Networking | SIP Config | Nightringer | Sensor Config | Multicast Config | Audio Config | Event Config | Autoprovisioning | Update Firmware

Enable Multicast operation:

Device Settings

priority	Address	port	Multicas: Group Name
9	239.168.3.10	11000	Emergency
8	239.168.3.9	10000	MG8
7	239.168.3.8	9000	MG7
6	239.168.3.7	8000	MG6
5	239.168.3.6	7000	MG5
SIP calls are considered priority 4.5			
4	239.168.3.5	6000	MG4
3	239.168.3.4	5000	MG3
2	239.168.3.3	4000	MG2
1	239.168.3.2	3000	MG1
0	239.168.3.1	2000	Background Music

Port range can be from 2000-65535
 Priority 9 is the highest and 0 is the lowest
 A higher priority audio stream will always supercede a lower one
 Priority 9 streams will play at maximum volume

Figure 12. V3 Paging Server—SIP Configuration

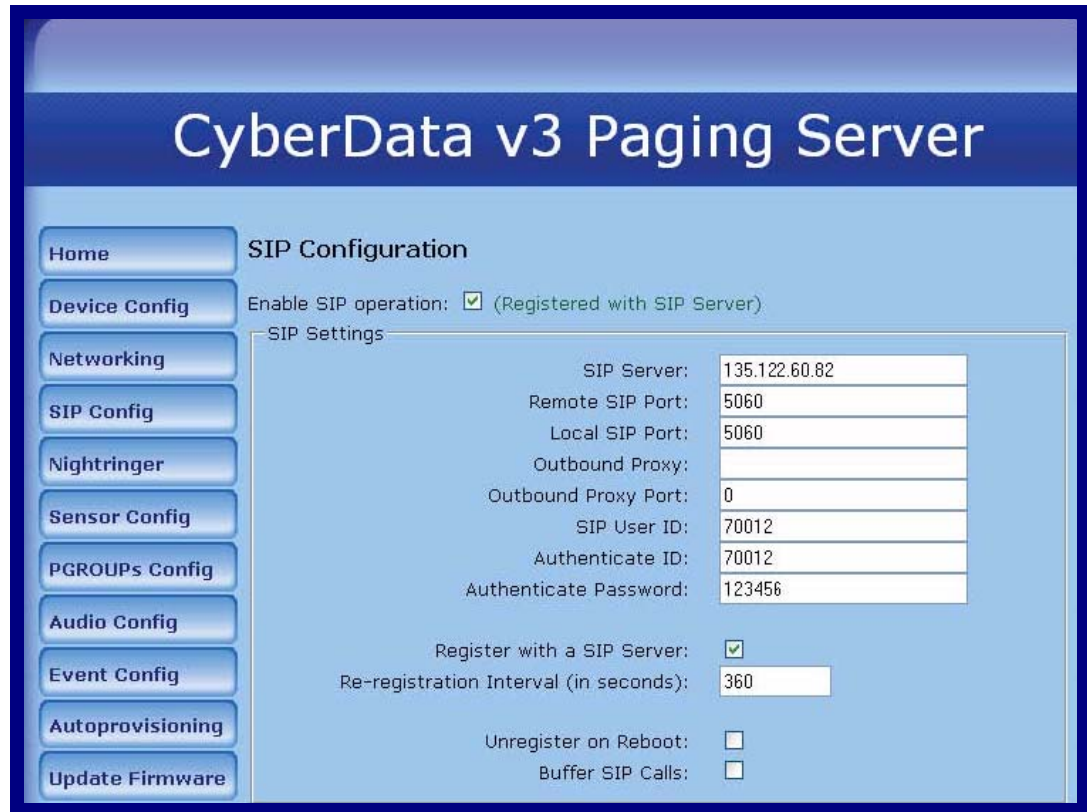


Figure 13. V3 Paging Server—Multicast Configuration

CyberData v3 Paging Server

Multicast Configuration

Bypass DTMF

Bypassing DTMF will result in all calls being relayed to PGROUP 0.

Paging Groups

#	Address	Port	Name	TTL	Lineout
00	239.168.3.10	11000	PagingGroup00	255	<input checked="" type="checkbox"/>
01	234.2.1.2	2002	PagingGroup01	255	<input checked="" type="checkbox"/>
02	234.2.1.3	2004	PagingGroup02	255	<input checked="" type="checkbox"/>
03	234.2.1.4	2006	PagingGroup03	255	<input checked="" type="checkbox"/>
04	234.2.1.5	2008	PagingGroup04	255	<input checked="" type="checkbox"/>
05	234.2.1.6	2010	PagingGroup05	255	<input checked="" type="checkbox"/>
06	234.2.1.7	2012	PagingGroup06	255	<input checked="" type="checkbox"/>
07	234.2.1.8	2014	PagingGroup07	255	<input checked="" type="checkbox"/>
08	234.2.1.9	2016	PagingGroup08	255	<input checked="" type="checkbox"/>
09	234.2.1.10	2018	PagingGroup09	255	<input checked="" type="checkbox"/>
10	234.2.1.11	2020	PagingGroup10	255	<input checked="" type="checkbox"/>
11	234.2.1.12	2022	PagingGroup11	255	<input checked="" type="checkbox"/>
12	234.2.1.13	2024	PagingGroup12	255	<input checked="" type="checkbox"/>
13	234.2.1.14	2026	PagingGroup13	255	<input checked="" type="checkbox"/>
14	234.2.1.15	2028	PagingGroup14	255	<input checked="" type="checkbox"/>
15	234.2.1.16	2030	PagingGroup15	255	<input checked="" type="checkbox"/>
16	234.2.1.17	2032	PagingGroup16	255	<input checked="" type="checkbox"/>

4.0 Avaya SES Screenshots

Figure 14. Avaya—Edit User

The screenshot displays the Avaya web interface for editing a user. The top left features the Avaya logo and a navigation menu with options like 'Help', 'Exit', and 'Top'. The main content area is titled 'Edit User' and contains a form with the following fields:

- User ID: 70012
- Password: [masked]
- Confirm Password*: [masked]
- Host*: 135.122.60.82
- First Name: CyberData
- Last Name: Paging Server
- Address 1: [empty]
- Address 2: [empty]
- Office: [empty]
- City: [empty]
- State: [empty]
- Country: [empty]
- Zip: [empty]
- Survivable Call Processor: none

Fields marked with an asterisk (*) are required. An 'Update' button is located at the bottom of the form.

Figure 15. Avaya—Registered Users

AVAYA

Help Exit

Registered Users on 135.122.60.82

Registered and Provisioned Users | Registered Users | Provisioned Users | Search | Refresh |

Showing 1 to 3 of 3 registered contacts.

Handle and Name	Address	Exp
<input type="checkbox"/> 70010@dev.crm.avaya.com call box, CyberData	sip:70010@135.122.60.53:5060;line=4dd2d0616c5f428 We	
<input type="checkbox"/> 70011@dev.crm.avaya.com CyberData, IP Speaker	sip:70011@135.122.61.46:5060;line=17aa29f0b43f8ad We	
<input type="checkbox"/> 70012@dev.crm.avaya.com Paging Server, CyberData	sip:70012@135.122.60.38:5060;line=880eaf88e45d4ff We	

Apply to all registered users with compatible devices on this Home.
 Apply to all registered users with compatible devices on this page.

Task: Reload-complete

5.0 Contact Information

Contact	CyberData Corporation 3 Justin Court Monterey, CA 93940 USA www.CyberData.net Phone: 800-CYBERDATA (800-292-3732) Fax: 831-373-4193
Sales	Sales 831-373-2601 Extension 334
Technical Support	The fastest way to get technical support for your VoIP product is to submit a VoIP Technical Support form at the following website: http://www.cyberdata.net/support/contactsupportvoip.html We have several technical support staff monitoring this form and they will contact you within 12 hours after receiving a form submission. Phone: (831) 373-2601, Ext. 333 Email: support@cyberdata.net