

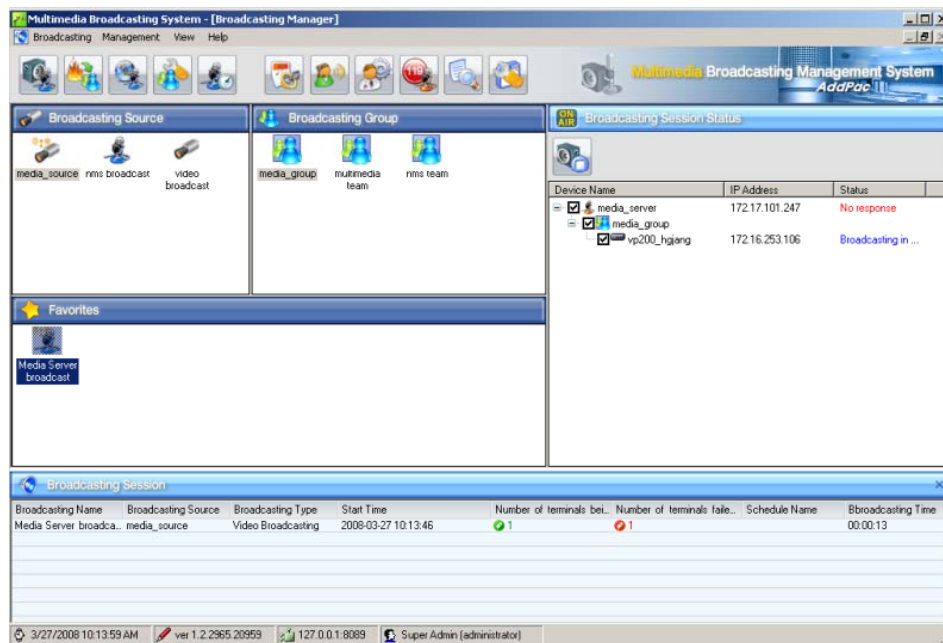


AP-EMBMS

Enhanced Multimedia Broadcasting Management System

Preliminary Product Overview

(Without notice, following described technical spec. can be changed)



AddPac

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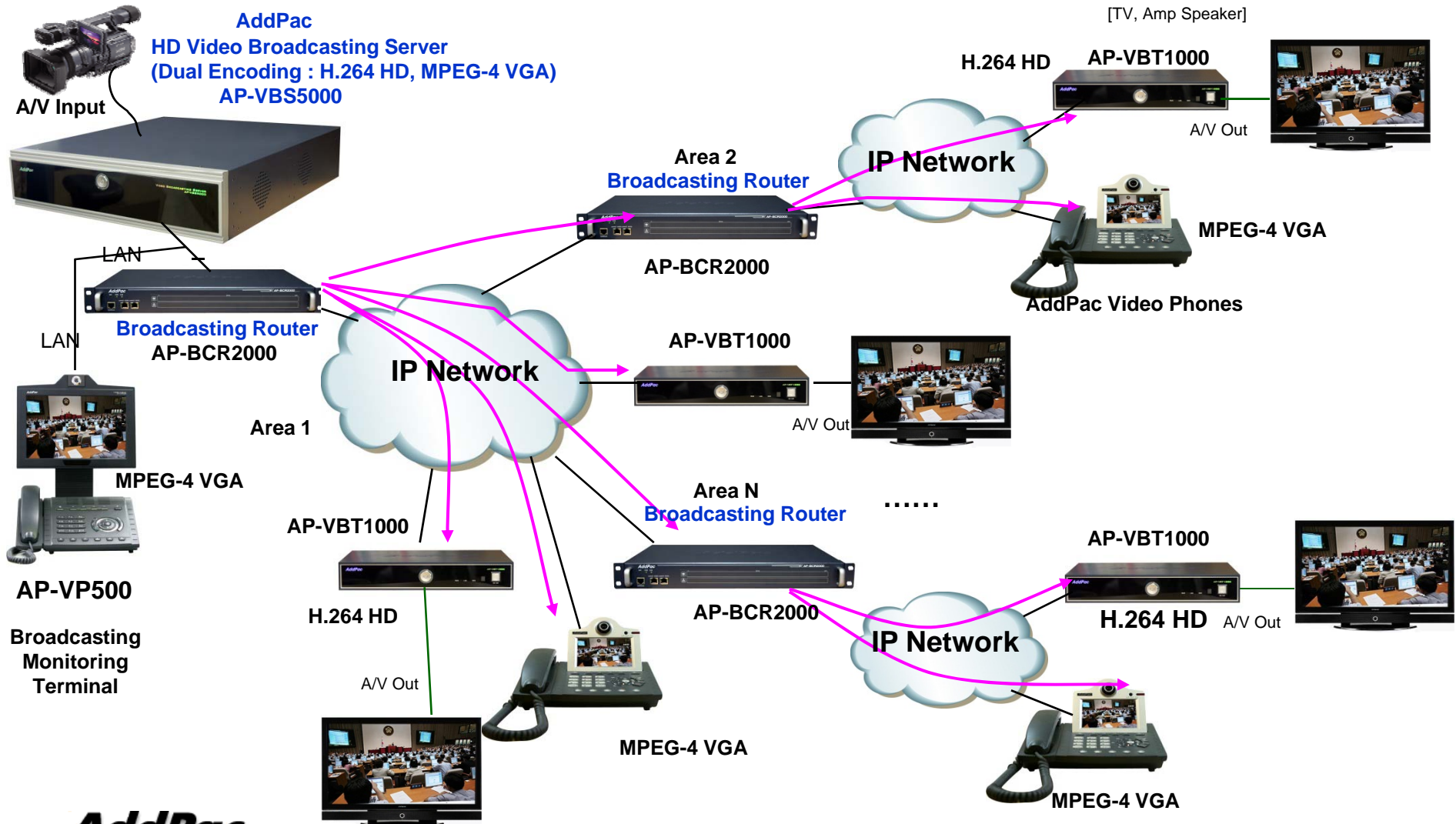
Sales and Marketing

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Main Feature

- User Register and Access Restriction Management
- Broadcasting Device Management
- Broadcasting Source, Group, Favorite List Management
- Reserved Broadcasting and Time Signal Broadcasting
- Fire Reception Department Setup (AP3150)
- Emergency Broadcasting Setup and Broadcasting
- Fire Emergency Broadcasting Setup and Broadcasting
- TTS Broadcasting
- Remote Broadcasting Management (VP300 Remote Broadcasting)
- Broadcasting Device Inspection
- Search Event Log

Network Configuration



Software Requirement

1. Database : MySQL Server 5.0
2. e-MBMS Server
 - Java JRE 1.5
 - e-MBMS Server
3. e-MBMS Client
 - e-MBMS Client

Hardware Requirement

1. e-MBMS Server H/W Requirement

- CPU: Intel Pentium4 1GHz (minimum)
- MEMORY: 512Mbyte (minimum)
- HDD: 40GB
- OS: Windows XP, Windows 2000, Windows 7..

2. e-MBMS Client H/W Requirement

- CPU: Intel Pentium Series
- MEMORY: 256Mbyte (minimum)
- OS: Windows XP, Windows 2000, Windows 7..

E-MBMS GUI Initial Screen

Broadcasting Source

- media_source
- nms broadcast
- video broadcast

Broadcasting Group

- media_group
- multimedia team
- nms team

Broadcasting Session Status

Device Name	IP Address	Status
<input checked="" type="checkbox"/> media_server	172.17.101.247	No response
<input checked="" type="checkbox"/> media_group		
<input checked="" type="checkbox"/> vp200_hqiang	172.16.253.106	Broadcasting in ...

Favorites

- Media Server broadcast

Broadcasting Session

Broadcasting Name	Broadcasting Source	Broadcasting T.type	Start Time	Number of terminals bei...	Number of terminals fail...	Schedule Name	Broadcasting Time
Media Server broadca...	media_source	Video Broadcasting	2008-03-27 10:13:46	1	1		00:00:13

3/27/2008 10:13:59 AM | ver 1.2.2965.20959 | 127.0.0.1:8089 | Super Admin (administrator)

Broadcasting Device Management

Multimedia Broadcasting System - [Broadcasting Device Management]

Device Name | IP Address | Device Model

172.16.41.11	172.16.41.11	AP-VP300
media_server	172.17.101.247	AP3120
NMS_VP300	172.16.16.30	AP-VP300
phone_jschoi	172.16.19.101	AP-VP300
tandberg	172.16.19.100	AP3120
vp200_hgjang	172.16.253.106	AP-VP300
vp200_meeting_room	172.17.201.108	AP-VP300
VP200_phkwon	172.16.40.30	AP-VP300

Device Properties

Device Name: media_server
 Description:
 IP Address: 172.17.101.247
 Device Model: AP3120
 Remote control of Broadcasting:
 Module Information:

Slot	Module
0 (Slot)	<N/A>
1 (Slot)	AP-AUDIO2

Broadcasting Session

Broadcasting Name	Broadcasting Source	Broadcasting Type	Start Time	Number of terminals bei...	Number of terminals faile...	Schedule Name	Bbroadcasting Time
Media Server broadca...	media_source	Video Broadcasting	2008-03-27 10:13:46	1	1		00:03:09

3/27/2008 10:16:57 AM | ver 1.2.2965.20959 | 127.0.0.1:8089 | Super Admin (administrator)

Broadcasting Group Management

The screenshot displays the 'Multimedia Broadcasting System - [Broadcasting Manager]' window. The 'Group Properties' dialog box is open, showing the following details:

- Group Name: nms team
- Description: (empty)
- Buttons: Add Device, Add Group
- Setup for Amplifier: Amplifier 1, Amplifier 2, Amplifier 3 (all unchecked)
- Broadcasting Device List (Left Table):

Device Name	IP Address	Module	Port Number
landberg	172.16.19.100	AP-AV1000	(1/1) (1/0)
media_server	172.17.101.247	AP-AUDIO2	(1/0) (1/0)
media_server	172.17.101.247	AP-AUDIO2	(1/1) (1/1)
172.16.41.11	172.16.41.11	AP-VP300	(0/1) (0/0)
NMS_VP300	172.16.16.30	AP-VP300	(0/1) (0/0)
vp200_meeting_ro...	172.17.201.108	AP-VP300	(0/1) (0/0)
vp200_hgiang	172.16.253.106	AP-VP300	(0/1) (0/0)
phone_jschoi	172.16.19.101	AP-VP300	(0/1) (0/0)
VP200_phkwon	172.16.40.30	AP-VP300	(0/1) (0/0)

- Broadcasting device included in the group (Right Table):

Device Name	IP Address	Port Number
172.16.41.11	172.16.41.11	(0/1) (0/0)

At the bottom of the dialog box are 'Ok' and 'Cancel' buttons. The system tray at the bottom of the window shows the date and time (3/27/2008 10:18:54 AM), version (ver 1.2.2965.20959), IP address (127.0.0.1:8089), and user (Super Admin [administrator]).

User Management

The screenshot displays the 'Multimedia Broadcasting System - [Broadcasting Manager]' interface. A 'User Properties' dialog box is open, showing a table of users and a form for editing user details. The table contains the following data:

User ID	User Name	Description	Connect Status
root	administrator	super user	127.0.0.1

The form fields in the dialog box are:

- User ID:
- Password:
- User Name:
- Description:
- Access Authority:
- Number of Maximum Acc:

Buttons at the bottom of the dialog box are: Add, Modify, Delete, Save.

The background interface shows a menu with 'Broadcasting Source', 'Broadcasting Group', and 'Broadcasting structure'. A 'Favorites' section is visible with 'Media Server broadcast'. At the bottom, there is a table with columns: Broadcasting Name, Broadcasting Source, Broadcasting Type, Start Time, Number of terminals bei..., Number of terminals faile..., Schedule Name, and Bbroadcasting Time.

The status bar at the bottom of the application shows: 3/27/2008 10:18:54 AM, ver 1.2.2965.20959, 127.0.0.1:8089, Super Admin (administrator).

Reserved Broadcasting Management

The screenshot displays the 'Multimedia Broadcasting System - [Reservation of Broadcasting Management]' application window. The main interface includes a menu bar (Broadcasting, Management, View, Help), a toolbar with various icons, and a central table for managing broadcast schedules. A 'Schedule Properties' dialog box is open, allowing configuration of a specific broadcast.

Schedule Name	Broadcasting ...	Start Time
Morning Broadcasting	General	10:21:27

Schedule Properties

Selecting Broadcasting: **Media Server broadcast**

Schedule Name:

Description:

Scheduled Broadcasting: General Time Information

Scheduling Method: Day Date

Select Day: Mon Tue Wed Thu Fri Sat Sun

Broadcasting Time

Start Time: 3/27/2008 10:22:16

End Time: 3/27/2008 10:22:16

Audio File:

Broadcasting Session

Broadcasting Name	Broadcasting Source	Broadcasting Type
Media Server broadca...	media_source	Video Broadcasti...

System tray: 3/27/2008 10:22:10 AM | ver 1.2.2965.20959 | 127.0.0.1:8089 | Super Admin (administrator)

TTS Broadcasting

The screenshot displays the 'Multimedia Broadcasting System - [Broadcasting Manager]' interface. The main window is titled 'TTS Broadcasting' and features a 'Favorites Name' dropdown menu set to 'Media Server broadcast'. Below this, there are two tabs: 'TTS' and 'TTS List'. The 'TTS' tab is active, showing a text area with the following content:

WASHINGTON (AFP) - The Pentagon on Wednesday said an eruption of violence in southern Iraq, where US-backed government forces were battling Shiite militias, was a "by-product of the success of the surge."

Pentagon press secretary Geoff Morrell said it showed that the Iraqi government and security forces were now confident enough to take the initiative against Shiite extremists in the southern port of Basra.

At the bottom of the 'TTS' tab, there is an 'Audio File Name' input field and a 'Start' button. A 'Close' button is located at the bottom right of the 'TTS' tab.

The 'TTS List' tab is also visible, showing a table with the following data:

IP Address	Status
nms team	172.16.41.11

The interface also includes a 'Broadcasting Source' section with icons for 'media_source', 'nms broadcast', and 'video broadcast'. A 'Favorites' section shows 'Media Server broadcast'. The 'Broadcasting Session' section at the bottom has columns for 'Broadcasting Name', 'Broadcasting Source', and 'Bro...'. The system tray at the bottom shows the date and time as 3/27/2008 10:18:54 AM, version 1.2.2965.20959, IP address 127.0.0.1:8089, and the user Super Admin (administrator).



Thank you!

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