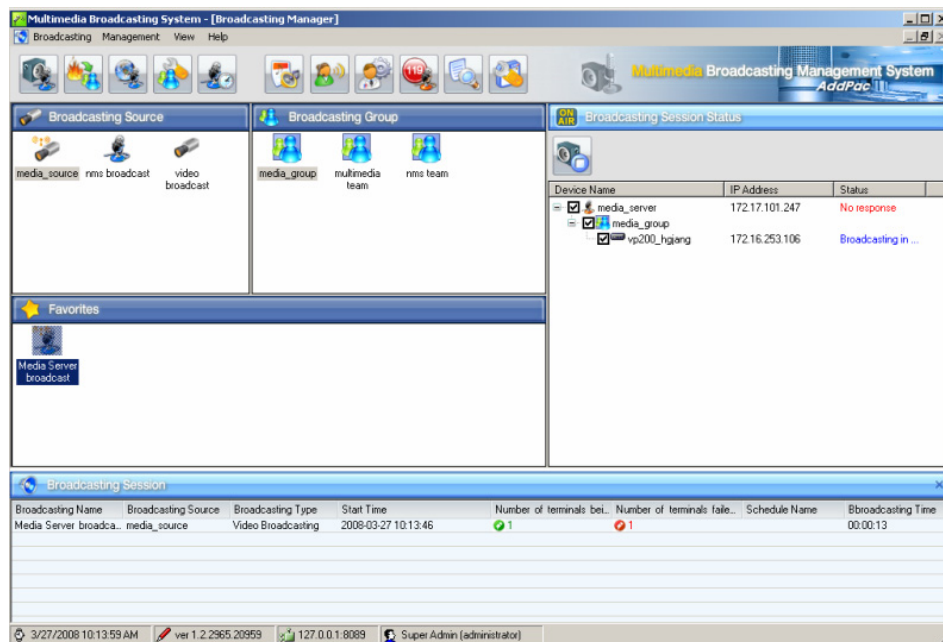


E-MBMS

Enhanced Multimedia Broadcasting Management System

Preliminary Product Overview

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



AddPac

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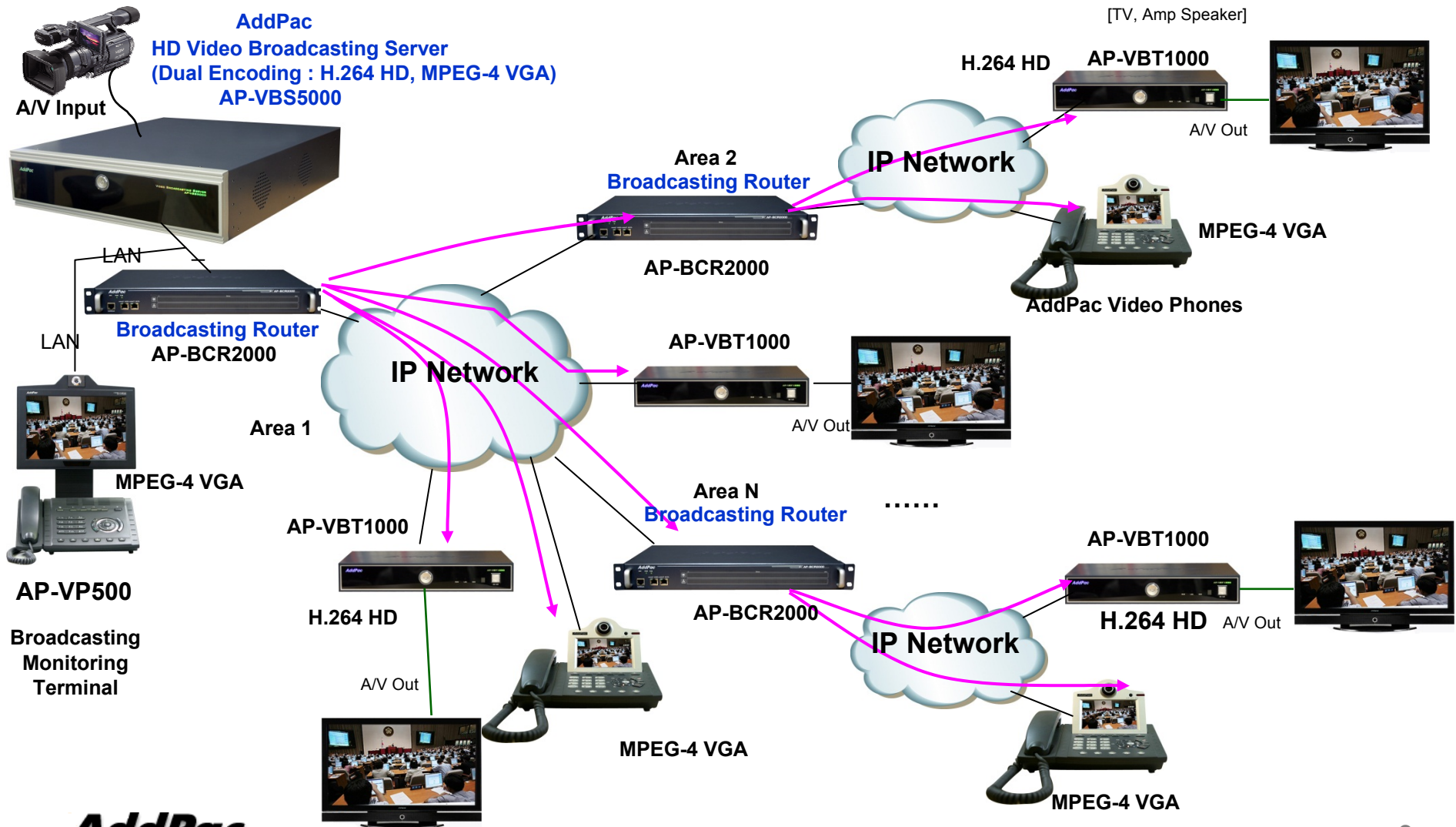
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Main Feature

- 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_hgiang	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	Bbroadcasting 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

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

Ok Cancel

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 Management 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 the user (Super Admin (administrator)).

User Management

The screenshot displays the 'Multimedia Broadcasting Management 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 one entry for the 'root' user.

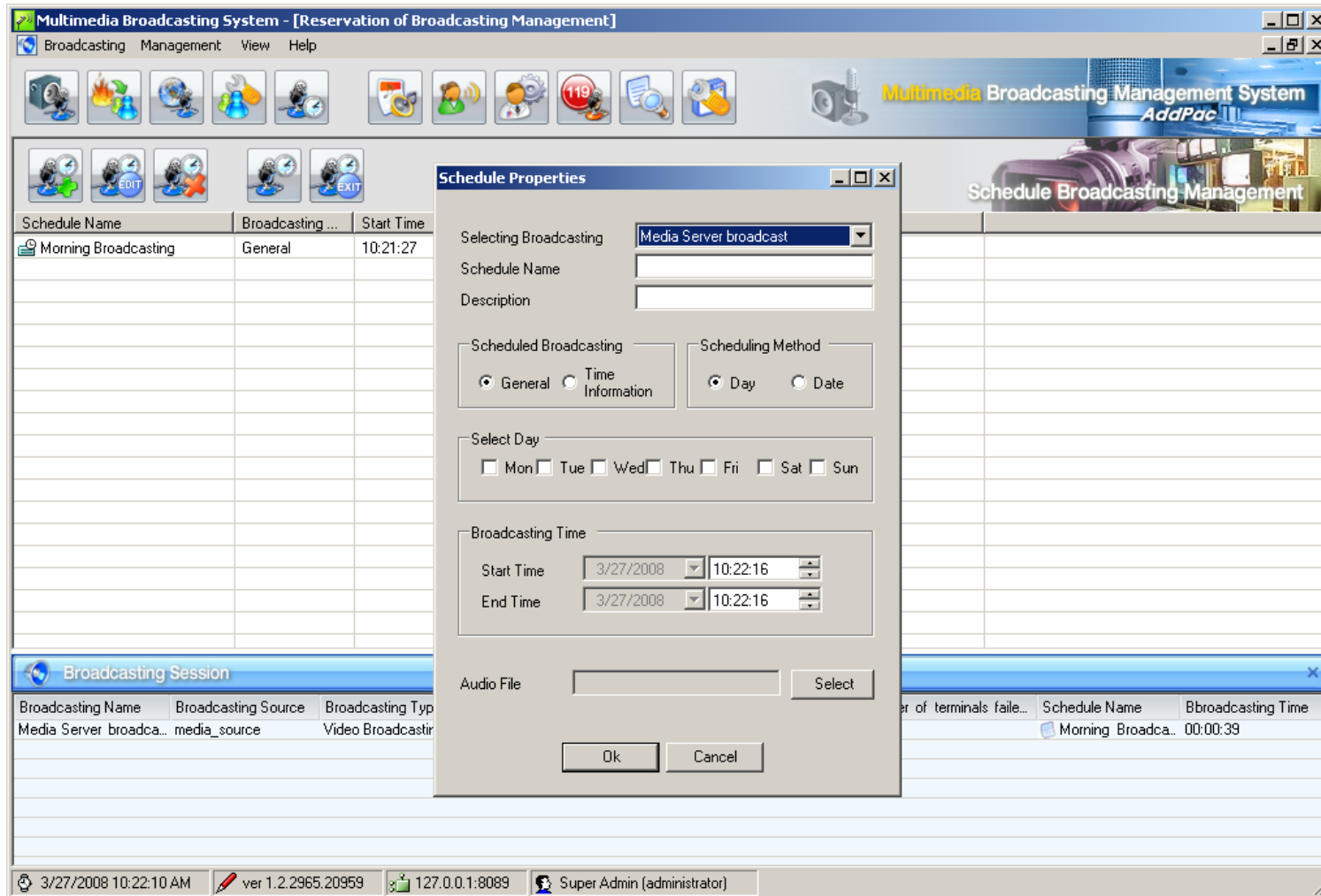
User ID	User Name	Description	Connect Status
root	administrator	super user	127.0.0.1

The 'User Properties' dialog box includes the following fields and controls:

- User ID:
- Password:
- User Name:
- Description:
- Access Authority:
- Number of Maximum Acc:
- Buttons: Add, Modify, Delete, Save

The background interface shows sections for 'Broadcasting Source', 'Broadcasting Group', and 'Broadcasting structure'. The status bar at the bottom indicates the system version (1.2.2965.20959) and the user role (Super Admin (administrator)).

Reserved Broadcasting Management



TTS Broadcasting

The screenshot displays the 'Multimedia Broadcasting System - [Broadcasting Manager]' interface. A 'TTS Broadcasting' dialog box is open, showing a 'Favorites Name' dropdown set to 'Media Server broadcast'. The 'TTS List' tab is active, displaying a news article snippet:

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.

Below the text is an 'Audio File Name' input field and a 'Start' button. A 'Close' button is at the bottom right of the dialog.

In the background, the main interface shows a 'Broadcasting Source' section with 'media_source', 'nms broadcast', and 'video broadcast' options. A 'Favorites' section contains 'Media Server broadcast'. A 'Broadcasting Session' table is partially visible at the bottom.

IP Address	Status
nms team	172.16.41.11

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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