



AP-NR5000

IP Video Recording Server

High-performance IP Video Recording Solution



AddPac

AddPac Technology

2016, Sales and Marketing

www.addpac.com

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- Product Overview
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- Hardware Specification
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Product Overview

AP-NR5000 IP Video Recoding Server

- IP based Network Video Recording Server
- Linux Operating System
- Powerful Management and User Friendly Features
- High-performance Voice/Video Recoding Service
- External Media Gateway(ex:AP-MG3000) Interworking Support
- Firmware Upgradeable Architecture
- One(1) 10/100/1000Mbps Gigabit Ethernet Interface
- Up to Five(5) 3.5Inch SATA Hard Disk Interface Support
- USB Interface Support

Product Highlights

AP-NR5000 IP Video Recording Server

Next Generation IP based Network Voice/Video Recording Server

Linux Operating System for Stability

High Performance IP Video
Recording Solution

Up to 5 Hard Disk Backup
(3.5 Inch SATA Hard Disk)

Smart Recording Manager for
AP-NR5000 Management

Firmware Upgradeable
Architecture

AddPac Video Terminal
Interworking
(Video Phone, Video
Intercom, etc)

APOS™ Technology
Multimedia Network Protocol

One(1) 10/100/1000Mbps
Gigabit Ethernet

High Performance Voice
Recording & Streaming Solution

Four(4) USB Interface Port for
Future Extension

External Voice Transcoder
Interworking Support

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Hardware Specification

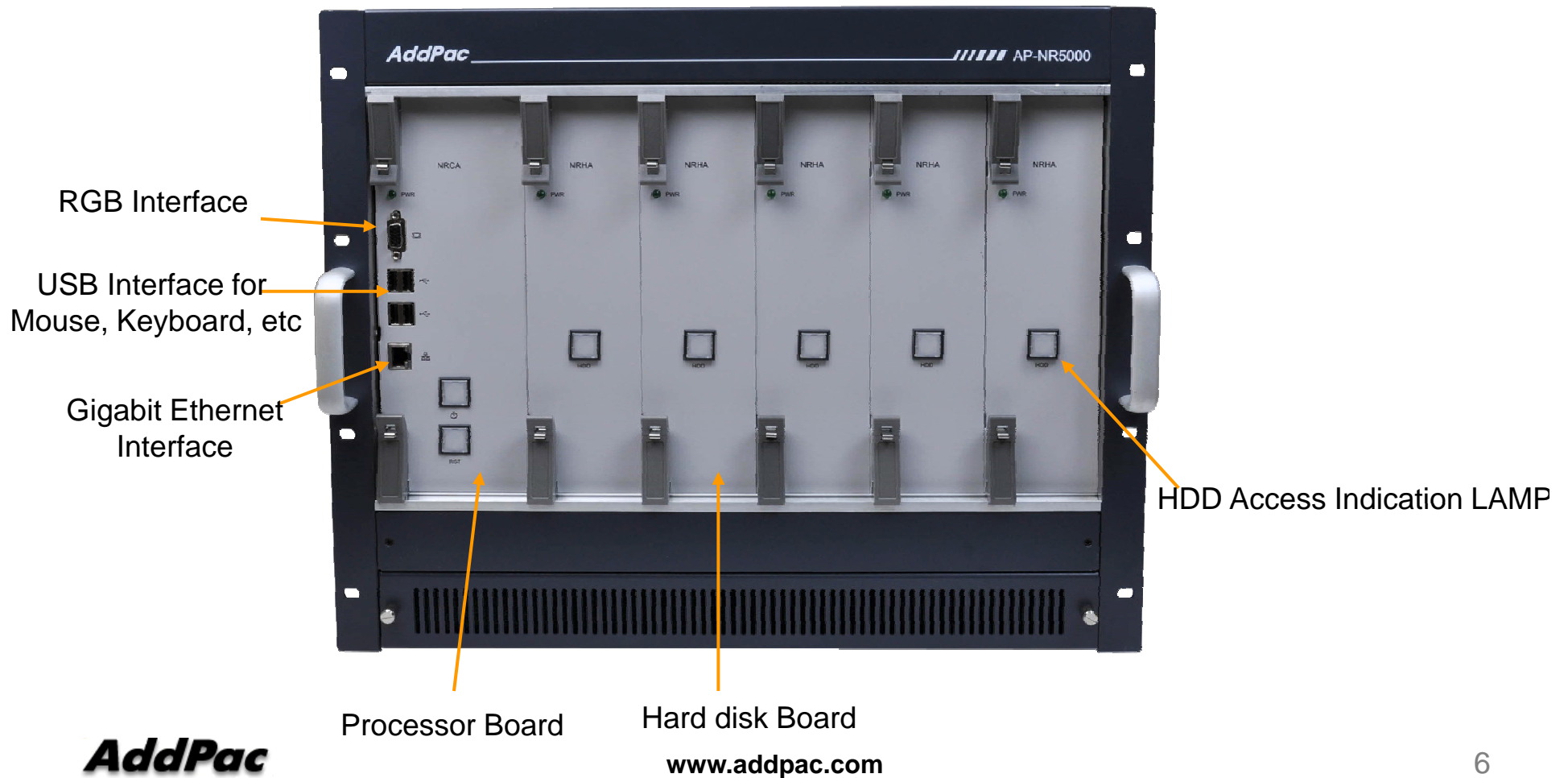
AP-N5000 IP Video Recording Server

- High Performance Computing Power
- Main Processor Board
 - Network Interface
 - One(1) 10/100/1000Mbps Gigabit Ethernet
 - Video Output Interface
 - RGB Video Output
 - USB 2.0 Interfaces for Mouse, Keyboard, etc
- Hard Disk Board
 - Module Type Design
 - Up Five(5) Hard Disk Slots
 - 10~20 Tera HDD Capacity
- Power Supply
 - Dual Power Supply for Power Redundancy
 - Module Type Power Supply

Hardware Specification

AP-NR5000 IP Video Recording Server

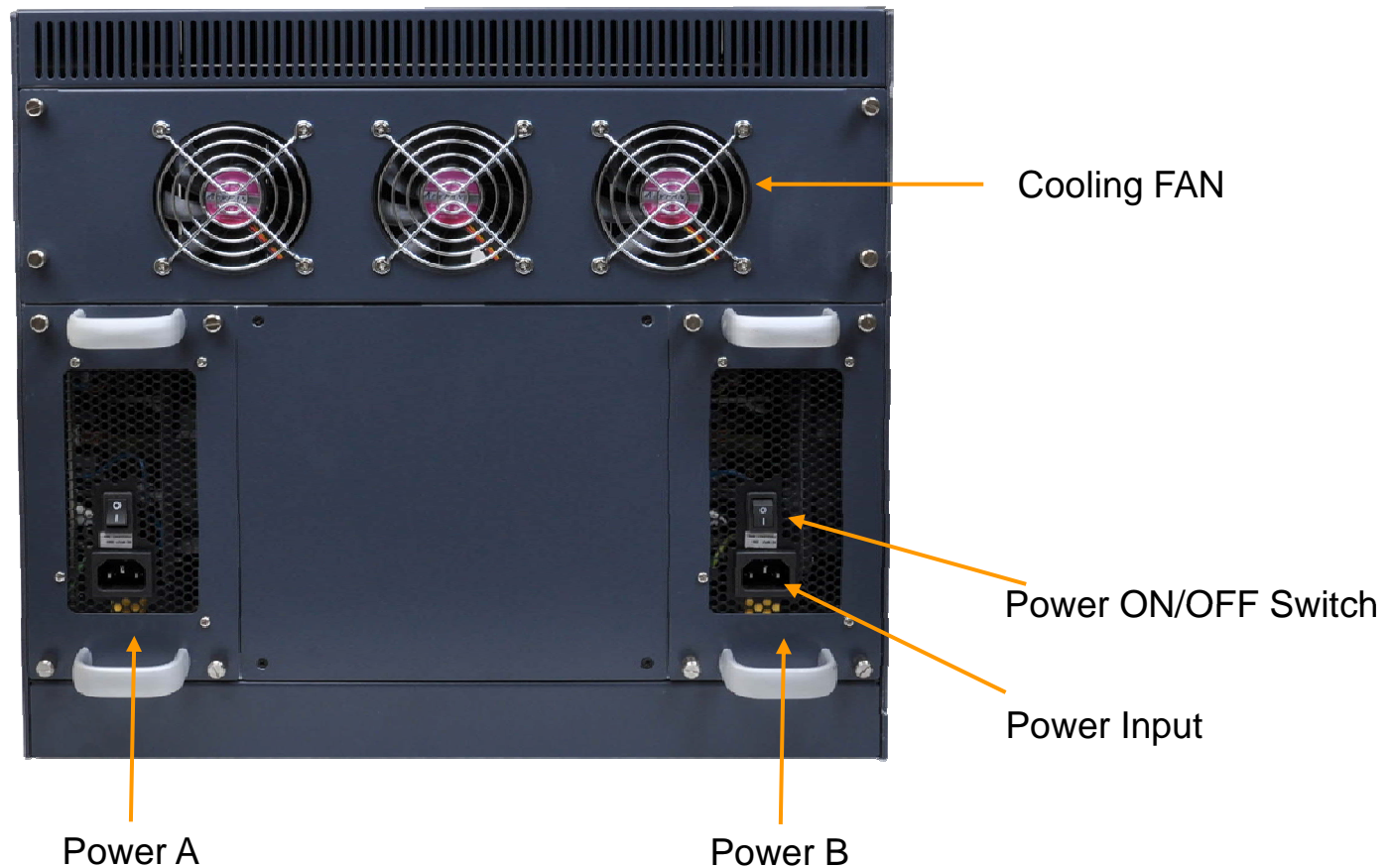
AP-NR5000 Front Side



Hardware Specification

AP-NR5000 IP Video Recording Server

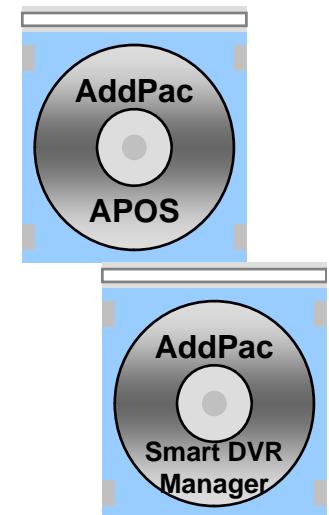
AP-NR5000 Back Side



Software Service

AP-NR5000 IP Video Recording Server

- **Built-in AddPac Internetworking Software**
 - Scalability, Functionality, and Stability Features
 - Advanced Network Video Recording & Live Streaming Features
 - QoS Control Features
- **Firmware Upgradeable Architecture**
- **Industry Standard Network Protocol Features**
- **Highly User Friendly Management Features**
 - PC based Window Program
 - Smart Recording Manager



Smart Recording Manager Program

AP-NR5000 IP Video Recording Server

- User Management (registration/modify/delete/search)
- Recording Server Management
- Recording File Management
- Recording File Play with VLC application
- Export Recording History to File(EXEL)
- Live Call Monitoring (Play)
- Event Management
- Recording Board Management
- Smart Recording File Manager

User Management

Smart Recording Manager

File Record Management Advanced Configuration Help

Smart Recording Manager AddPac Technology

Users [NR5000:172.17.50.200]

User Name	ID	Level	Description
root	root	Administrator	System Administrator
Administrator	administrator	Administrator	Addpac Administrator

New Manager Registration

Manager Information Modification

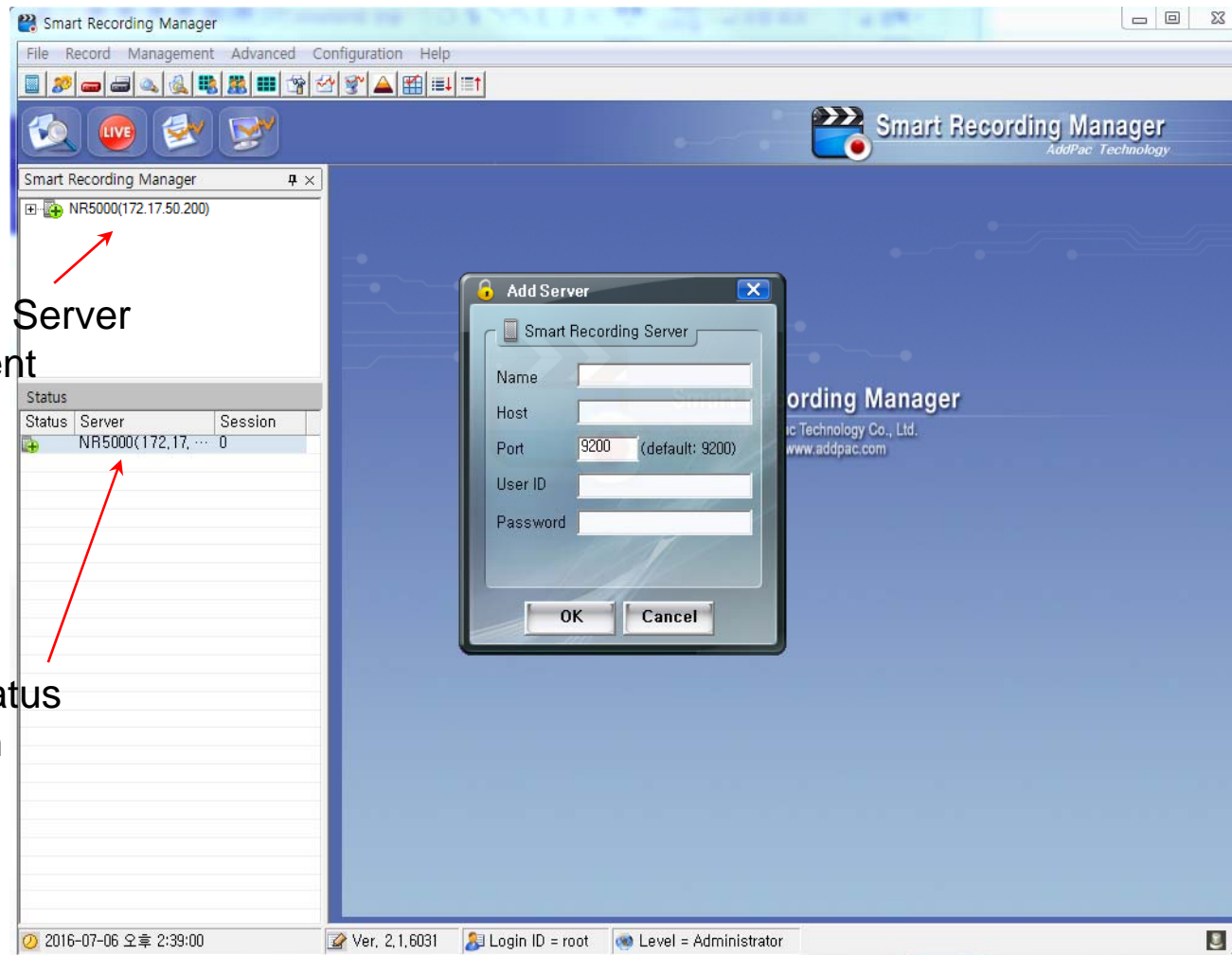
Manager Delete

Status

Status	Server	Session
+	NR5000(172.17.50.200)	0

2016-07-06 오후 2:44:40 Ver. 2.1.6031 User Id = root Level = Administrator

Recording Server Management



*Recording Server Management

*Server Status Information

Recording Server Status Monitoring

The screenshot displays the Smart Recording Manager interface. The main window shows the Smart Recording Server status for IP 172.17.50.200, indicating it is running. A configuration window for the Client Session List is open, showing settings for Max Session (10) and Keep Alive Interval (5 sec). A separate window displays the Client List table, which contains one entry for user 'root' with an access time of 2016-07-06 14:42:00 and a duration of 00:07:34. A red arrow points to this entry with the label 'Client List'.

No.	User	IP Address	Port	Access Time	Duration
1	root	172.16.1.19	49988	2016-07-06 14:42:00	00:07:34

Recording File Management

The screenshot displays the Smart Recording Manager interface. The main window shows a search results table with columns: No., Call ID, Source IP, Rec StartTime, Rec EndTime, Rec Duration, Call Duration, Calling Num, Calling User, and Called Num. A red arrow points from the 'Record Search' menu item in the left sidebar to the search filter dialog box.

No.	Call ID	Source IP	Rec StartTime	Rec EndTime	Rec Duration	Call Duration	Calling Num	Calling User	Called Num
2	2	172.16.9.29	2016-07-05 10:30:16	2016-07-05 10:30:16	00:00:00	00:00:01	1000		3000
3	3	172.16.9.29	2016-07-05 12:47:45	2016-07-05 12:47:45	00:00:00	00:01:00	1000		3000
6	6	172.16.9.29	2016-07-05 12:50:28	2016-07-05 12:50:28	00:00:00	00:00:00	1000		3001
7	7	172.16.9.29	2016-07-05 12:50:40	2016-07-05 12:50:40	00:00:00	00:00:16	1000		3001
9	9	172.16.9.29	2016-07-05 12:51:05	2016-07-05 12:51:05	00:00:00	00:02:03	1000		3001
10	10	172.16.9.29	2016-07-05 12:51:09	2016-07-05 12:51:09	00:00:00	00:01:05	1000		3000
12	12	172.16.9.29	2016-07-05 12:53:09	2016-07-05 12:53:09	00:00:00	00:01:03	1000		3001
14	14	172.16.9.29	2016-07-05 14:10:01	2016-07-05 14:10:01	00:00:00	00:00:43	1000		3001
15	15	172.16.9.29	2016-07-05 14:11:27	2016-07-05 14:11:27	00:00:00	00:01:02	1000		3001
16	16	172.16.9.29	2016-07-05 14:12:42	2016-07-05 14:12:42	00:00:00	00:00:11	1000		3001
17	17	172.16.9.29	2016-07-05 14:13:03	2016-07-05 14:13:03	00:00:00	00:00:13	1000		3001
18	18	172.16.9.29	2016-07-05 14:13:24	2016-07-05 14:13:24	00:00:00	00:00:10	1000		3001
19	19	172.16.9.29	2016-07-05 16:53:52	2016-07-05 16:53:54	00:00:02	00:37:33	1000		3001
15	15		17:36:21		00:00:00	00:00:05	1000		3001
15	15		17:39:37		00:00:00	00:00:22	1000		3001
15	15		17:42:57		00:00:00	00:00:37	1000		3001
15	15		17:48:28		00:00:00	00:00:16	1000		3001
15	15		18:00:25		00:00:35	00:00:39	1000		3001
16	16		09:23:08		00:00:13	00:00:19	1000		3001
16	16		09:31:32		00:02:13	00:02:18	1000		3001
16	16		09:47:12		00:00:00	00:00:00	1000		3001
16	16		09:48:11		00:00:46	00:00:49	1000		3000
16	16		09:49:08		00:00:43	00:00:46	1000		3000
16	16		09:51:31		00:00:14	00:00:17	1000		3000
16	16		10:42:17		00:00:14	00:00:15	1000		3000
16	16		13:46:19		00:00:04	00:00:06	1000		3000

The search filter dialog box includes the following fields:

- Record Time: Start Time (2016-07-05 00:00:00), End Time (2016-07-06 23:59:59)
- Filter: Filter Name, Rule (IsExactly), Search, and dropdown menus.
- Buttons: OK, Cancel, Init Filter.
- Checkbox: Recording Service Unavailable Files (not G711U codec) - It may take a long time.

System status bar: 2016-07-06 2:48:56, Ver. 2.1.6031, User Id = root, Level = Administrator

Recording File Play with VLC application

The screenshot displays the Smart Recording Manager application interface. The main window shows a table of recording sessions with the following data:

No.	Call ID	Source IP	Rec StartTime	Rec EndTime	Rec Duration	Call Duration	Calling Num	Ca
1	25	172.16.9.29	2016-07-06 09:22:55	2016-07-06 09:23:08	00:00:13	00:00:19	1000	
2	26	172.16.9.29	2016-07-06 09:29:19	2016-07-06 09:31:32	00:02:13	00:02:18	1000	
3	27	172.16.9.29	2016-07-06 09:47:12	2016-07-06 09:47:12	00:00:00	00:00:00	1000	
4	28	172.16.9.29	2016-07-06 09:47:25	2016-07-06 09:48:11	00:00:46	00:00:49	1000	
5	29	172.16.9.29	2016-07-06 09:48:25	2016-07-06 09:49:08	00:00:43	00:00:46	1000	
6	30	172.16.9.29	2016-07-06 09:51:17	2016-07-06 09:51:31	00:00:14	00:00:17	1000	
7	31	172.16.9.29	2016-07-06 10:42:03	2016-07-06 10:42:17	00:00:14	00:00:15	1000	
8	1	172.16.9.29	2016-07-06 13:46:15	2016-07-06 13:46:19	00:00:04	00:00:06	1000	
9	3	172.16.9.29	2016-07-06 15:13:06	2016-07-06 16:42:14	01:29:08	01:29:12	1000	
10	4	172.16.9.29	2016-07-06 16:42:24	2016-07-06 16:42:37	00:00:13	00:00:11	1000	
11	5	172.16.9.29	2016-07-06 16:42:45	2016-07-06 16:43:09	00:00:24	00:00:25	1000	
12	6	172.16.9.29	2016-07-06 16:43:26	2016-07-06 16:44:02	00:00:36	00:00:38	1000	

A red arrow points from the play button in the Smart Recording Manager interface to the video playback window. The video playback window shows a man in a white shirt and tie, with the file name "AddPac Technology - 0000620160706074326-000041--M.avi" and a progress bar at 00:03 / 00:36. The status bar at the bottom of the video player shows "AddPac Technology - 0000620160706074326-000041--M" and "1.00x 00:03/00:36".

Live Call Monitoring

The screenshot displays the Smart Recording Manager interface. At the top, there is a menu bar with 'File', 'Record', 'Management', 'Advanced', 'Configuration', and 'Help'. Below the menu is a toolbar with various icons, including a 'LIVE' indicator. The main area features a table of recorded calls and two video player windows.

No.	Call ID	Source IP	Rec StartTime	Initiated Time	Call Duration	Calling Num	Calling User	Called Num	Called User	AI
1	25	172.16.9.29	2016-07-06 09:22:55	2016-07-06 09:23:08	00:00:13	1000		3001		
2	26	172.16.9.29	2016-07-06 09:29:19	2016-07-06 09:31:32	00:02:13	1000		3001		
3	27	172.16.9.29	2016-07-06 09:47:12	2016-07-06 09:47:12	00:00:00	1000		3001		
4	28	172.16.9.29	2016-07-06 09:47:25	2016-07-06 09:48:11	00:00:46	1000		3000		
5	29	172.16.9.29	2016-07-06 09:48:25	2016-07-06 09:49:08	00:00:43	1000		3000		
6	30	172.16.9.29	2016-07-06 09:51:17	2016-07-06 09:51:31	00:00:14	1000		3000		
7	31	172.16.9.29	2016-07-06 10:42:03	2016-07-06 10:42:17	00:00:14	1000		3000		
8	1	172.16.9.29	2016-07-06 13:46:15	2016-07-06 13:46:19	00:00:04	1000		3000		

Below the table, there are two video player windows. The left window shows a man in a white shirt and tie, and the right window shows a woman with glasses in an office setting. Both windows have a VLC media player interface at the bottom.

Export Recording History

The screenshot illustrates the process of exporting recording history from the Smart Recording Manager. The main application window shows a list of recordings with the following columns: No., Call ID, Source IP, Rec StartTime, and Rec EndTime. A red arrow points to the 'Export' icon in the toolbar. A file explorer window shows the 'bin' directory with a file named 'Records.xls' selected. A dialog box indicates 'Records Exporting !!!' with a progress bar at 73%. A Microsoft Excel window shows the resulting spreadsheet with columns for Call ID, Source IP, Record Start Time, Record End Time, and other recording details.

No.	Call ID	Source IP	Rec StartTime	Rec EndTime
1	2	172.16.9.29	2016-07-05 10:30:16	2016-07-05 10:30:16
2	3	172.16.9.29	2016-07-05 12:47:45	2016-07-05 12:47:45
3	6	172.16.9.29	2016-07-05 12:50:28	2016-07-05 12:50:28
4	7	172.16.9.29	2016-07-05 12:50:40	2016-07-05 12:50:40
5	9	172.16.9.29	2016-07-05 12:51:05	2016-07-05 12:51:05
6	10	172.16.9.29	2016-07-05 12:51:09	2016-07-05 12:51:09
7	12	172.16.9.29	2016-07-05 12:53:09	2016-07-05 12:53:09
8	14	172.16.9.29	2016-07-05 14:10:01	2016-07-05 14:10:01
9	15	172.16.9.29	2016-07-05 14:11:27	2016-07-05 14:11:27
10	16	172.16.9.29	2016-07-05 14:12:42	2016-07-05 14:12:42
11	17	172.16.9.29	2016-07-05 14:13:03	2016-07-05 14:13:03
12	18	172.16.9.29	2016-07-05 14:13:24	2016-07-05 14:13:24
13	19	172.16.9.29	2016-07-05 16:53:52	2016-07-05 16:53:52
14	20	172.16.9.29	2016-07-05 16:53:52	2016-07-05 16:53:52
15	21	172.16.9.29	2016-07-05 16:53:52	2016-07-05 16:53:52
16	22	172.16.9.29	2016-07-05 16:53:52	2016-07-05 16:53:52
17	23	172.16.9.29	2016-07-05 17:48:28	2016-07-05 17:48:28
18	24	172.16.9.29	2016-07-05 17:59:50	2016-07-05 18:00:25
19	25	172.16.9.29	2016-07-06 09:22:55	2016-07-06 09:23:08
20	26	172.16.9.29	2016-07-06 09:29:19	2016-07-06 09:31:32
21	27	172.16.9.29	2016-07-06 09:47:12	2016-07-06 09:47:12
22	28	172.16.9.29	2016-07-06 09:47:25	2016-07-06 09:48:11
23	29	172.16.9.29	2016-07-06 09:48:25	2016-07-06 09:49:08
24	30	172.16.9.29	2016-07-06 09:51:17	2016-07-06 09:51:31
25	31	172.16.9.29	2016-07-06 10:42:03	2016-07-06 10:42:17
26	1	172.16.9.29	2016-07-06 13:46:15	2016-07-06 13:46:19

Event Configuration

Smart Recording Manager

File Record Management Advanced Configuration Help

Smart Recording Manager

NR5000(172.17.50.200)

- User Management
- Device Management
- Recording Management
- Recording Board
- Event & Monitoring
 - Event Configuration
 - Event Monitoring
 - System Monitoring

Status

Status	Server	Session
+	NR5000(172.17. ...	0

Event Configuration [NR5000:172.17.50.200]

Event Source

Listen Port : 514

1. Emergency
The presence of a condition that has either caused the system to become unstable or has crashed the system.

2. Error
Error events are warnings of conditions that will affect the performance of the MX.

Event Filter

* Set event filter for source.

Select / Deselect All

Category	Severity	Description
<input type="checkbox"/> recording	Warning	recording
<input type="checkbox"/> play	Warning	play
<input type="checkbox"/> system	Warning	system

OK Cancel

event level filter settings

2016-07-06 오후 3:06:48 Ver. 2.1.6031 User Id = root Level = Administrator

Event Management (Monitoring)

The screenshot displays the Smart Recording Manager interface. The main window shows a table of recording sessions with the following data:

No.	Call ID	Source IP	Rec StartTime	Initiated Time	Established Time	Call Duration	Calling
1	3	172.16.9.29	2016-07-06 15:13:06	2016-07-07 00:07:38	2016-07-07 00:07:38	00:02:59	1000

Annotations with red arrows point to the following features:

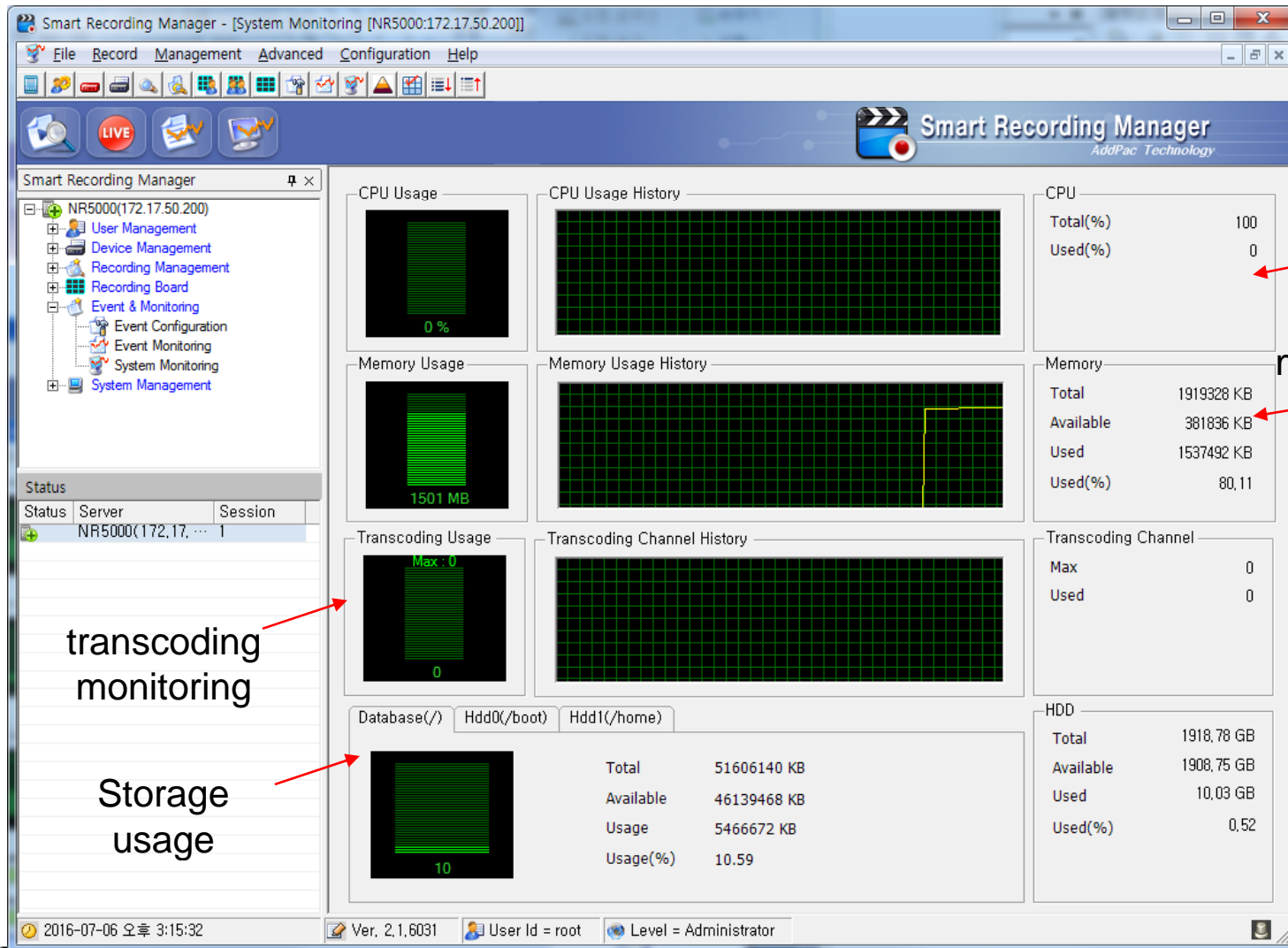
- Event monitoring**: Points to the 'Event Monitoring' option in the left-hand navigation tree.
- Event filter**: Points to the 'Event filter' button in the top right of the main window.
- Pause event**: Points to the 'Pause' button in the bottom right of the main window.

At the bottom of the interface, there is an 'Event Monitoring' log window with the following data:

DateTime	Host	Severity	Module	Description
Jul 06 06:13:06	172.17.50.200	Informational	recording	Start Recording, bind id:-10000
Jul 06 06:15:31	172.17.50.200	Debug	system	get current recording session :
Jul 06 06:15:33	172.17.50.200	Debug	system	get current recording session :
Jul 06 06:15:43	172.17.50.200	Debug	system	get current recording session :
Jul 06 06:15:55	172.17.50.200	Debug	system	get current recording session :
Jul 06 06:16:05	172.17.50.200	Debug	system	get current recording session :

The bottom status bar shows: 2016-07-06 오후 3:12:38, Ver. 2.1,6031, User Id = root, Level = Administrator.

Event Management (System Monitoring)



cpu usage (%)

memory usage

transcoding monitoring

Storage usage

Recording Board

(User)

The screenshot displays the 'Smart Recording Manager' application window. The title bar reads 'Smart Recording Manager - [Users [NR5000:172.17.50.200]]'. The menu bar includes 'File', 'Record', 'Management', 'Advanced', 'Configuration', and 'Help'. The interface features a sidebar with a tree view containing categories like 'User Management', 'Device Management', 'Recording Management', 'Recording Board', 'Users', 'Groups', 'Map List', 'Event & Monitoring', and 'System Management'. The 'Recording Board' section is active, showing a table of users. The table has columns for 'No.', 'User ID', 'Name', 'Phone Number', 'Description', and 'Group'. The data rows are as follows:

No.	User ID	Name	Phone Number	Description	Group
1	bgchoi	Choi Byung Koo	1024		Signaling
2	jhkwon	Kwon	3000		NMS
3	jschoi	Choi Jin suk	1007		NMS
4	ohs	Oh hyung suk	1000		Signaling
5	sklee	Lee sang kyun	1009		Signaling

Below the table is a 'Status' section with a table:

Status	Server	Session
+	NR5000(172.17, ...	1

The bottom status bar shows the date and time '2016-07-06 오후 3:25:38', version 'Ver. 2.1.6031', user 'User Id = root', and level 'Level = Administrator'.

Recording Board

(Group)

The screenshot displays the Smart Recording Manager application window. The main interface shows a tree view on the left with 'Recording Board' selected. The central area contains a table with the following data:

No.	Name	Description
1	NMS	
2	Signaling	

A 'Group Properties' dialog box is open, showing the following fields and tables:

Group Name:

Description:

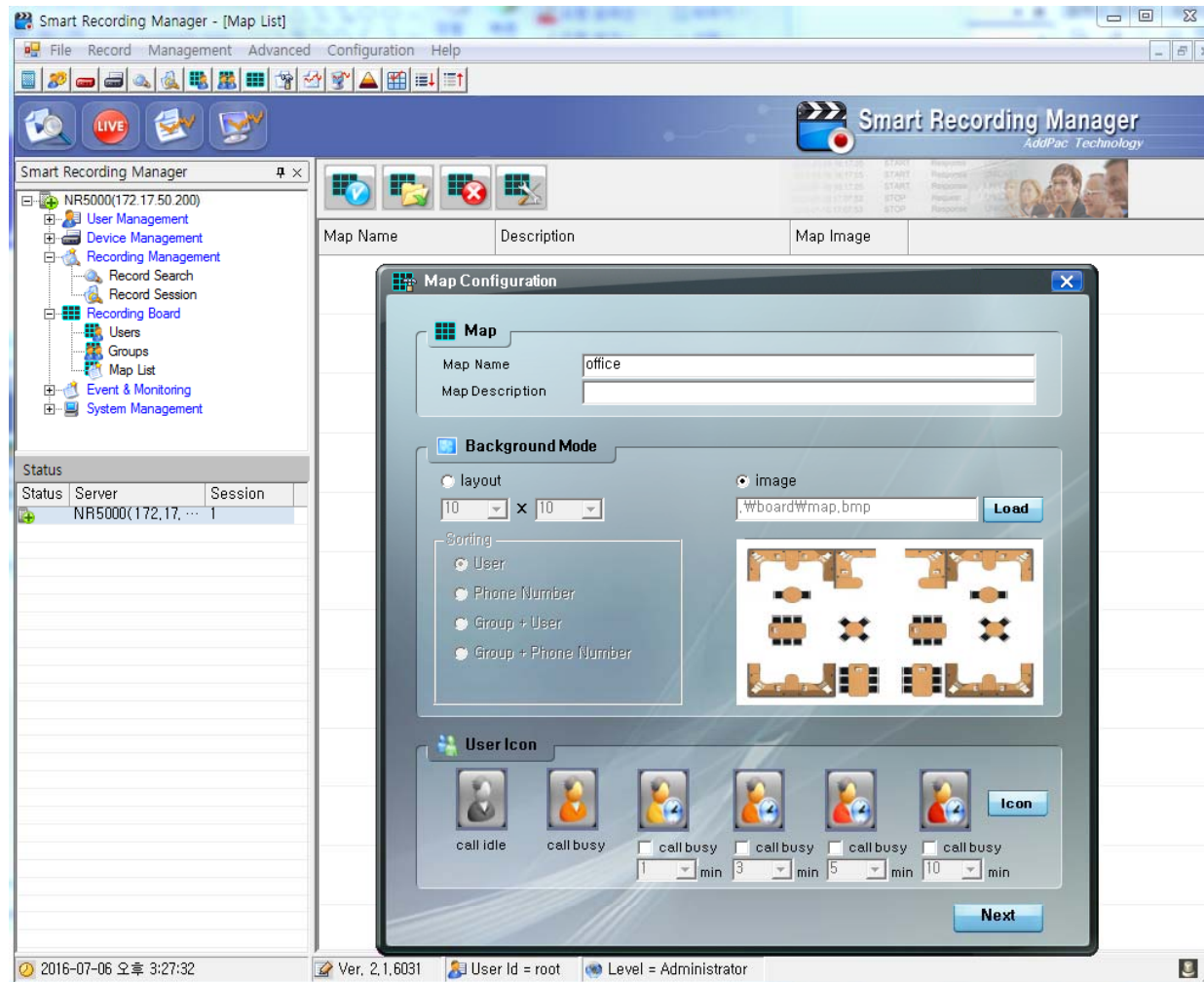
User:

Users			Users in Group		
User ID	Name	Phone Number	User ID	Name	Phone Number
			bgchoi	Choi Byu...	1024
			ohs	Oh hyung...	1000
			sklee	Lee sang...	1009

Buttons: OK, Cancel

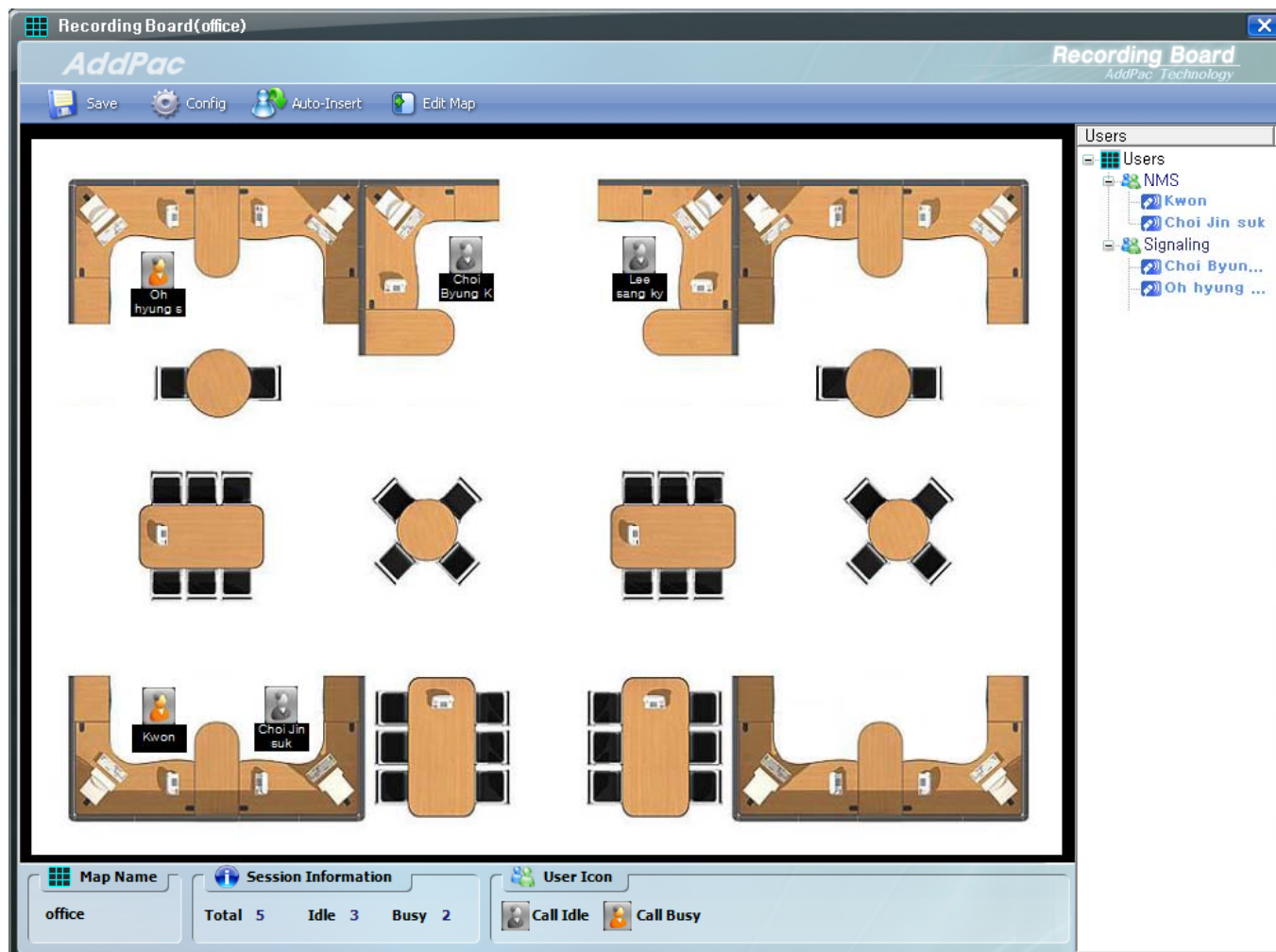
System tray information: 2016-07-06 오후 3:26:00, Ver. 2.1.6031, User Id = root, Level = Administrator

Recording Board (Map)



Recording Board

(Map Editing and user monitoring)



Smart Recording File Manager

(Recorded Call List Search)

Smart Recording File Manager

File Management Help

AddPac Smart Recording File Manager AddPac Technology

Search Target: Local Database Start: 2016년 1월 1일 금요일 End: 2016년 7월 6일 수요일 Search Advanced (Total: 0) (Page 0/0)

Remote Database (172.17.50.200)

- 2016
 - 06
 - 07
 - 2016-07-01
 - 2016-07-04
 - 2016-07-05
 - 17-06

Server Recording History (Year/Month/Day)

Start Time	End Time	Duration	Calling Number	Calling User	Called Number	Called User	Recording Source
2016-07-05 10:30:...	2016-07-05 10:30:16	00:00:00	1000		3000		172.16.9.29 ...
2016-07-05 12:47:...	2016-07-05 12:47:45	00:00:00	1000		3000		172.16.9.29 ...
2016-07-05 12:50:...	2016-07-05 12:50:28	00:00:00	1000		3001		172.16.9.29 ...
2016-07-05 12:50:...	2016-07-05 12:50:40	00:00:00	1000		3001		172.16.9.29 ...
2016-07-05 12:51:...	2016-07-05 12:51:05	00:00:00	1000		3001		172.16.9.29 ...
2016-07-05 12:51:...	2016-07-05 12:51:09	00:00:00	1000		3000		172.16.9.29 ...
2016-07-05 12:53:...	2016-07-05 12:53:09	00:00:00	1000		3001		172.16.9.29 ...
2016-07-05 14:10:...	2016-07-05 14:10:01	00:00:00	1000		3001		172.16.9.29 ...
2016-07-05 14:11:...	2016-07-05 14:11:27	00:00:00	1000		3001		172.16.9.29 ...
2016-07-05 14:12:...	2016-07-05 14:12:42	00:00:00	1000		3001		172.16.9.29 ...
2016-07-05 14:13:...	2016-07-05 14:13:03	00:00:00	1000		3001		172.16.9.29 ...

Searched Recording History

Local Database

- 2016
 - 07

Backup PC Recording History (Year/Month/Day)

2016-07-06 오후 3:39:29 version 1.2.6031 172.17.50.200:9200 root Waiting Next Backup Time(2016-07-08 오전 3:00:00)

Smart Recording File Manager (Configuration)

The screenshot displays the 'Smart Recording File Manager' application window. A 'Configuration' dialog box is open, showing the following settings:

- FTP Information:**
 - Port: 21 (Default: 21)
 - Username: root
 - Password: *****
- Repository Directory:**
 - File path: C:\AddPac\RecordingBackupData
- Media Player:**
 - Player path: C:\Program Files\VideoLAN\VLC\vlc.exe

Below the media player path, there is a red text instruction: "Select the absolute path for executable media player. Click below link to VLC download. <http://www.videolan.org/vlc/download-windows.html>".

The background window shows a search results table with columns: Start Time, End Time, Duration, Calling Number, Calling User, Called Number, Called User, and Recording Source. The table contains two rows of data for recordings on 2016-07-05.

The status bar at the bottom of the application window shows: 2016-07-06 오후 3:40:26, version 1.2.6031, 172.17.50.200:9200, root, Waiting, Next Backup Time(2016-07-08 오전 3:00:00).

Smart Recording File Manager

(Call List Properties)

The screenshot displays the Smart Recording File Manager interface. The main window shows a search results table for a 'Remote Database' with columns for Start Time, End Time, Duration, Calling Number, Calling User, Called Number, Called User, and Recording Source. A context menu is open over a selected row, with 'Properties' highlighted. A 'Recording Session Information' dialog box is also open, showing a table with columns for Filename, Start Time, End Time, Duration, Size, Audio Codec, and Transcoding Codec.

Start Time	End Time	Duration	Calling Number	Calling User	Called Number	Called User	Recording Source
2016-07-05 10:30:...	2016-07-05 10:30:16	00:00:00	1000		3000		172.16.9.29 ...
2016-07-05 12:47:...	2016-07-05 12:47:45	00:00:00	1000		3000		172.16.9.29 ...
2016-07-05 12:50:...	2016-07-05 12:50:28	00:00:00	1000		3001		172.16.9.29 ...
2016-07-05		00:00:00	1000		3001		172.16.9.29 ...
2016-07-05		00:00:00	1000		3001		172.16.9.29 ...
2016-07-05		00:00:00	1000		3000		172.16.9.29 ...
2016-07-05		00:00:00	1000		3001		172.16.9.29 ...
2016-07-05		00:00:00	1000		3001		172.16.9.29 ...
2016-07-05		00:00:00	1000		3001		172.16.9.29 ...
2016-07-05 14:12:...	2016-07-05 14:12:42	00:00:00	1000		3001		172.16.9.29 ...
2016-07-05 14:13:...							

Filename	Start Time	End Time	Duration	Size	Audio Codec	Transcoding Codec
40003020160706005117...	2016-07-06 09:51:17	2016-07-06 09:51:31	00:00:14	1,763 KB	G711U	G711U
0003020160706005117...	2016-07-06 09:51:17	2016-07-06 09:51:31	00:00:14	1,763 KB	G711U	G711U

Smart Recording File Manager

(Server to Local Backup)

The screenshot displays the 'Smart Recording File Manager' application window. A 'Download' dialog box is open, showing a list of 16 files to be downloaded from a remote database to a local directory. The dialog includes a table with columns for File Name, Duration, Size, DateTime, and Status. Below the table, it shows the download directory path and progress statistics.

File Name	Duration	Size	DateTime	Status
/home/callrecfiles/20160706/0/00...	00:00:13	1,492 KB	2016-07-06 09:2...	Wait
/home/callrecfiles/20160706/0/00...	00:00:13	1,492 KB	2016-07-06 09:2...	Wait
/home/callrecfiles/20160706/0/00...	00:02:13	14,519 KB	2016-07-06 09:2...	Wait
/home/callrecfiles/20160706/0/00...	00:02:13	14,519 KB	2016-07-06 09:2...	Wait
/home/callrecfiles/20160706/0/00...	00:00:00	0 KB	2016-07-06 09:4...	Wait
/home/callrecfiles/20160706/0/00...	00:00:00	0 KB	2016-07-06 09:4...	Wait
/home/callrecfiles/20160706/0/00...	00:00:46	5,750 KB	2016-07-06 09:4...	Wait
/home/callrecfiles/20160706/0/00...	00:00:46	5,750 KB	2016-07-06 09:4...	Wait
/home/callrecfiles/20160706/0/00...	00:00:43	4,916 KB	2016-07-06 09:4...	Wait
/home/callrecfiles/20160706/0/00...	00:00:43	4,916 KB	2016-07-06 09:4...	Wait
/home/callrecfiles/20160706/0/00...	00:00:14	1,763 KB	2016-07-06 09:5...	Wait
/home/callrecfiles/20160706/0/00...	00:00:14	1,763 KB	2016-07-06 09:5...	Wait
/home/callrecfiles/20160706/1/00...	00:00:14	2,018 KB	2016-07-06 10:4...	Wait

Download Directory: C:\AddPac\RecordingBackupData

File :
 Received Size : 0/0 Bytes
 Total Size : 31,875,502 Bytes Progress Time: 00:00:00

Delete files after download

Error Log History Start Cancel Close

Smart Recording File Manager

(Recorded Call List Search)

The screenshot displays the 'Smart Recording File Manager' application interface. A 'Search Filter' dialog box is open, allowing users to refine search results. The dialog includes a 'Record Time' section with start and end date/time pickers, and a 'Filter' section with multiple rows of dropdown menus for 'Filter Name', 'Rule', and 'Search' values. The main window shows a tree view of databases and a table of recorded calls.

Start Time	End Time	Duration	Calling Number	Calling User	Called Number	Called User	Recording Source
2016-07-06 12:04:33	2016-07-06 12:04:34	00:00:09	5055		5155		172.17.50.26 ...
2016-07-06 12:04:34	2016-07-06 12:04:35	00:00:09	5067		5167		172.17.50.26 ...
2016-07-06 12:04:35	2016-07-06 12:04:38	00:00:09	5085		5185		172.17.50.26 ...
2016-07-06 12:04:36	2016-07-06 12:04:42	00:00:09	5098		5198		172.17.50.26 ...

Search Filter Dialog:

- Record Time: Start [2016-07-06] 오전 12:00:00, End [2016-07-06] 오후 3:54:07
- Filter:

Filter Name	Rule	Search	Value
Calling Number	IsExactly	5067	<Blank>
<Blank>	IsExactly		<Blank>
<Blank>	IsExactly		<Blank>
<Blank>	IsExactly		<Blank>
<Blank>	IsExactly		<Blank>

Additional UI elements include a taskbar at the bottom showing system time (2016-07-06 오후 3:54:51), version (1.2.6031), and a status bar with 'Waiting' and 'Next Backup Time(2016-07-08 오전 3:00:00)'.

Smart Recording File Manager

(Periodical Backup)

The screenshot displays the Smart Recording File Manager application. The main window shows a search results table with columns: Start Time, End Time, Duration, Calling Number, Calling User, Called Number, Called User, and Recording Source. The search target is set to 'Local Database' with a start date of 2016년 1월 1일 and an end date of 2016년 7월 6일. The results show two entries for 2016-07-06.

A 'Schedule Setting' dialog box is open, showing the following configuration:

- Recording Source:** A tree view showing 'Source' expanded with three sub-items: '172.17.207.207', '172.17.50.26', and '172.17.50.80'. The '172.17.50.26' and '172.17.50.80' items are checked.
- Scheduler Run / Stop:** Checked.
- Schedule Date:**
 - Daily : Every 1 Days
 - Weekly : Every 1 Weeks (Sunday)
 - Monthly : Day 1
- Start Time:** 03:00:00
- Option:**
 - Delete files after download
 - Download to file overwrite
- Directory:** C:\AddPac\RecordingBackupData

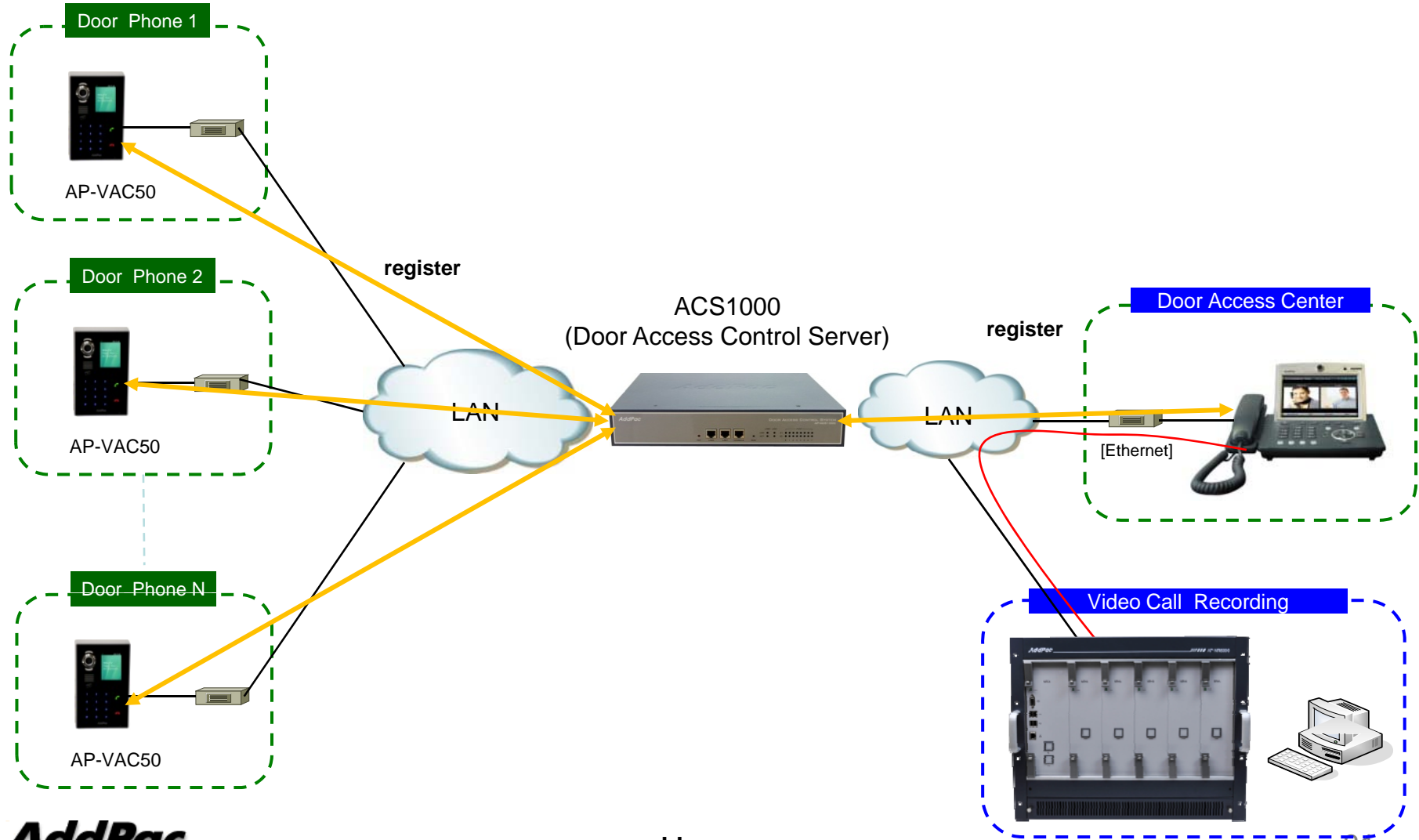
The status bar at the bottom shows the current date and time (2016-07-06 오후 3:56:43), version (1.2.6031), and the next backup time (2016-07-08 오전 3:00:00).

Application Service

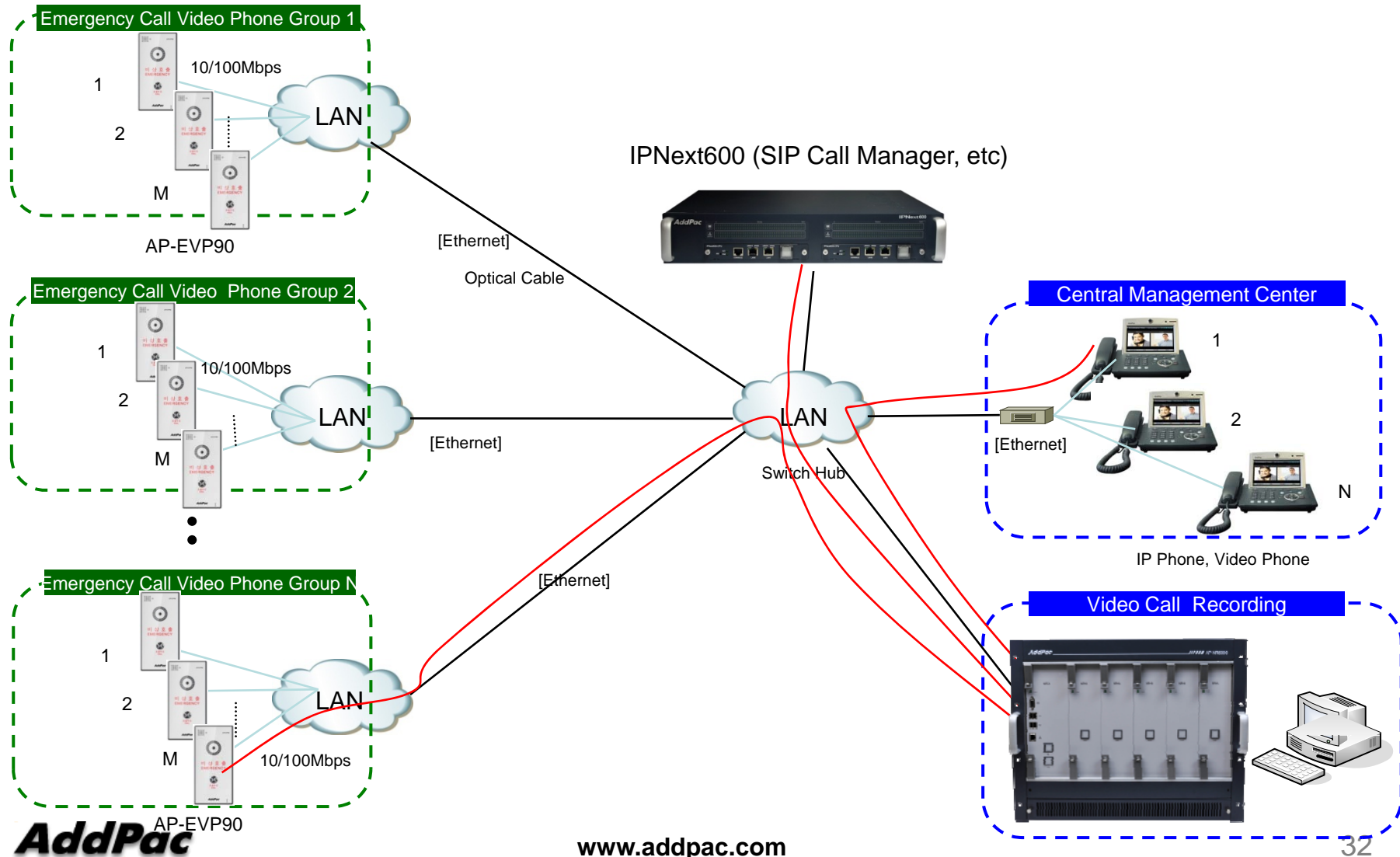
AP-NR5000 IP Video Recording Server

- IP Video Door Phone Application
- IP Video Telephony Application
- Video Conference Application
- Emergency Call Video Phone Application

IP Video Door Phone Application



Emergency Video Call Center Application



Ordering Information

- **AP-NR5000 IP Video Recording Server Hardware**
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AddPac Technology Co., Ltd.
Sales and Marketing

Phone +82.2.568.3848 (KOREA)

FAX +82.2.568.3847 (KOREA)

E-mail sales@addpac.com