

AddPac SIP Video Door Phone Supplementary Service



AddPac

AddPac Technology

Sales and Marketing

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- SIP Audio/Video Call Recording Solution



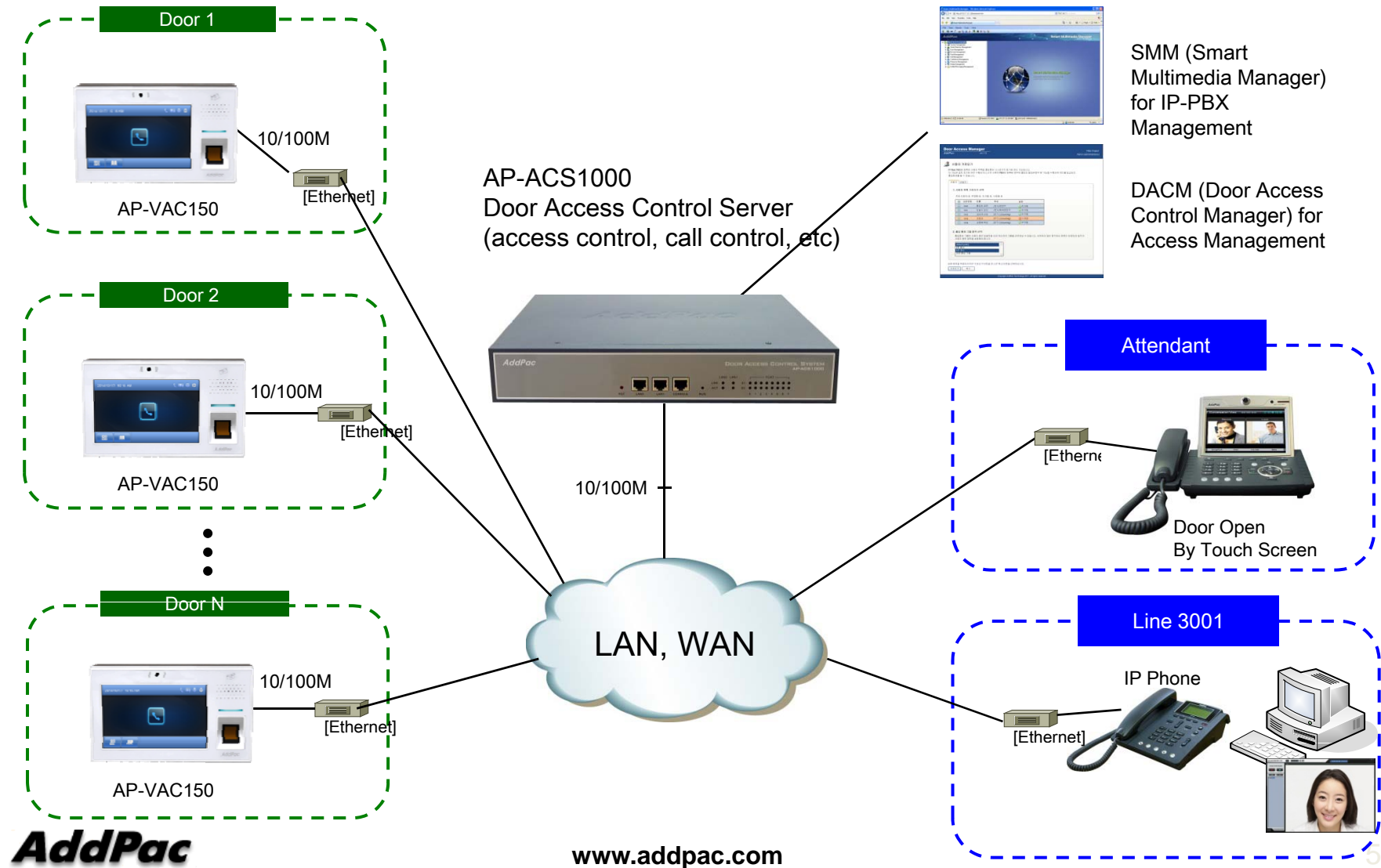
Reverse Call for Visitor Monitoring Service

Contents

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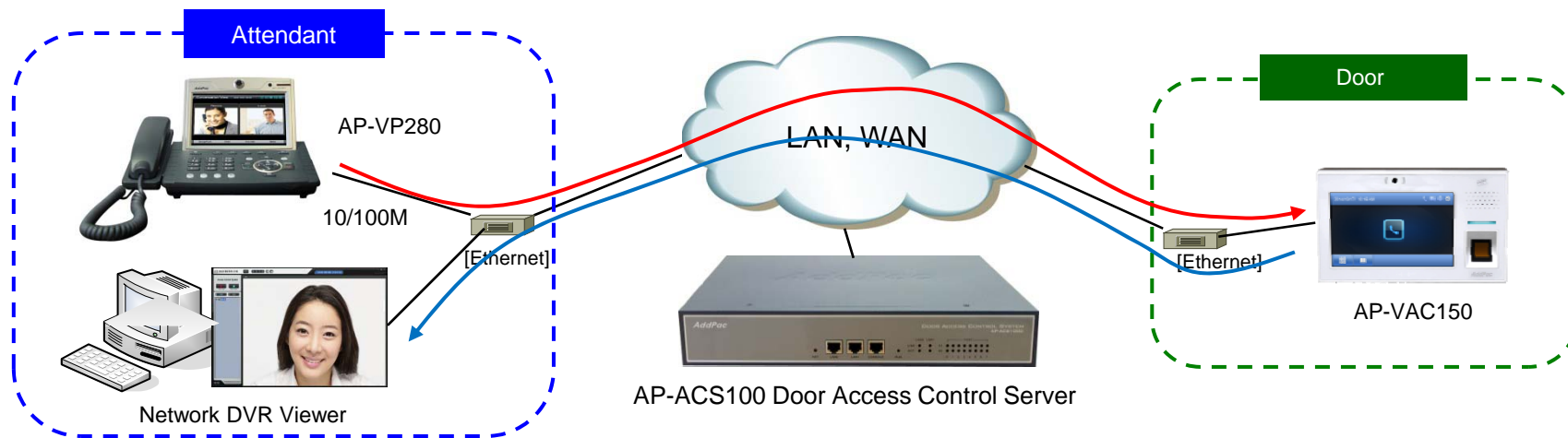
Network Diagram

Integrated Door Access Control and Call Control



Network Diagram

Reverse Call Door Open



- Door Open Control function when an attendant makes a call to an external IP Video Door Phone
 - Reverse Call Door Open Control
 - Reverse Call Door Open Enable/Disable
 - Direct Auto Answer

Indoor Open Control

Smart Web – Reverse Call Door Open

The screenshot displays the 'Smart Web Manager' interface for 'Indoor Open Control'. The left sidebar contains a navigation menu with categories: System, Call & Media, Door Access Control, and Miscellaneous. The 'Indoor Open Control' option is selected under 'Door Access Control'. The main content area shows the following settings:

- Feature Code:** 1 (using 0-9, #, *)
- Door Close Time:** 2 (default 2 sec, 1-180 sec)
- Authentication:** Password, RF-Card, User-Call (all unchecked)
- Dual-Authentication:** RF-Card + Password (unchecked)
- Received Call Door Open:** Enable (selected), Disable (unchecked) - This section is highlighted with a red dashed box.
- Direct Door Open:** (unchecked)

Buttons for 'Apply' and 'Execute' are visible next to the respective settings. The right sidebar shows system information and a description: 'Open/Close the door remotely.'

Reverse Call Door Open

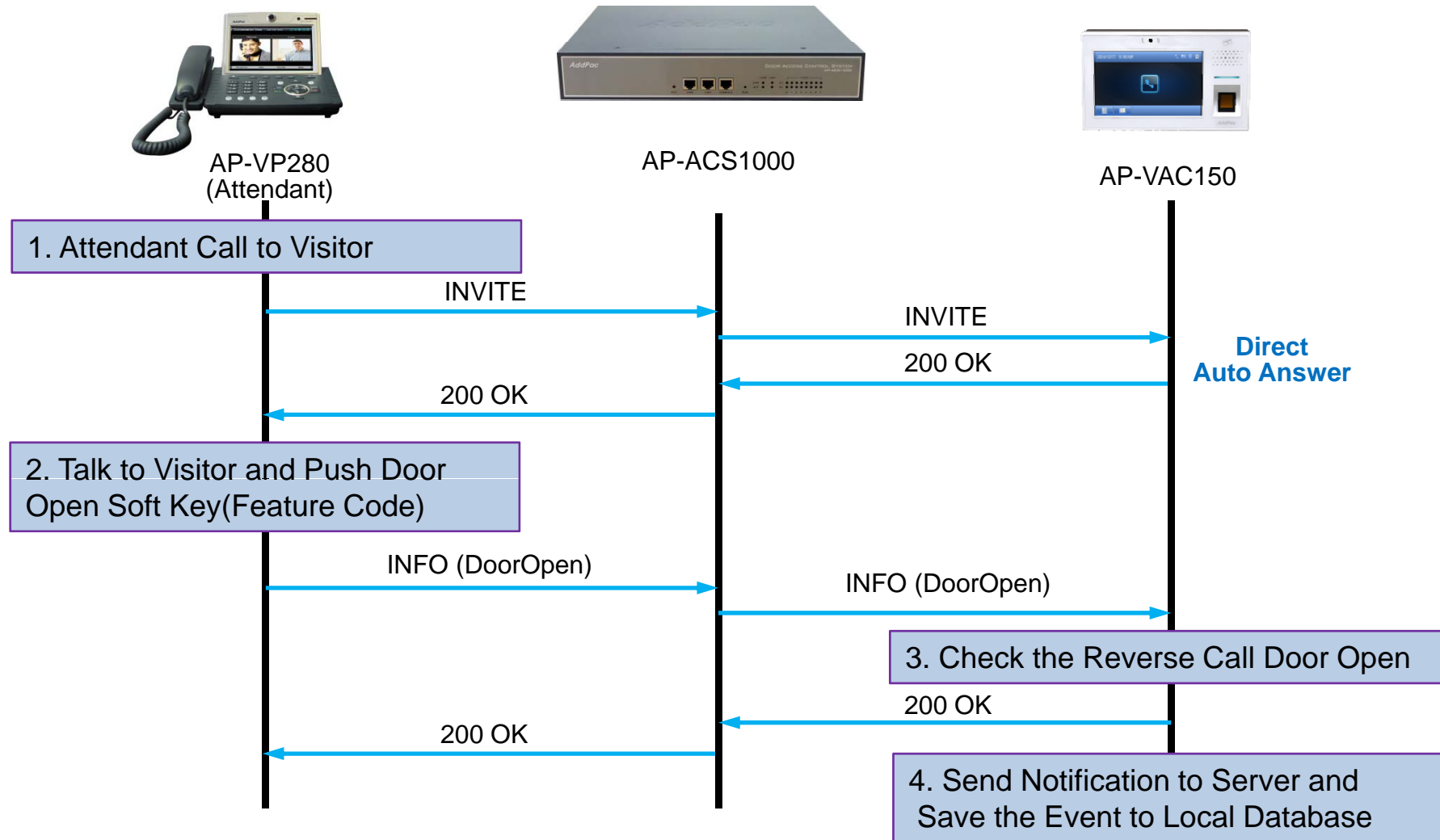
Settings for Indoor Open, in receiving a call

Enable / Disable

Direct Auto Answer is applied by checking Enable Button.

DACS System Message Flow

Call Flow between Attendant and IP Video Door Phone



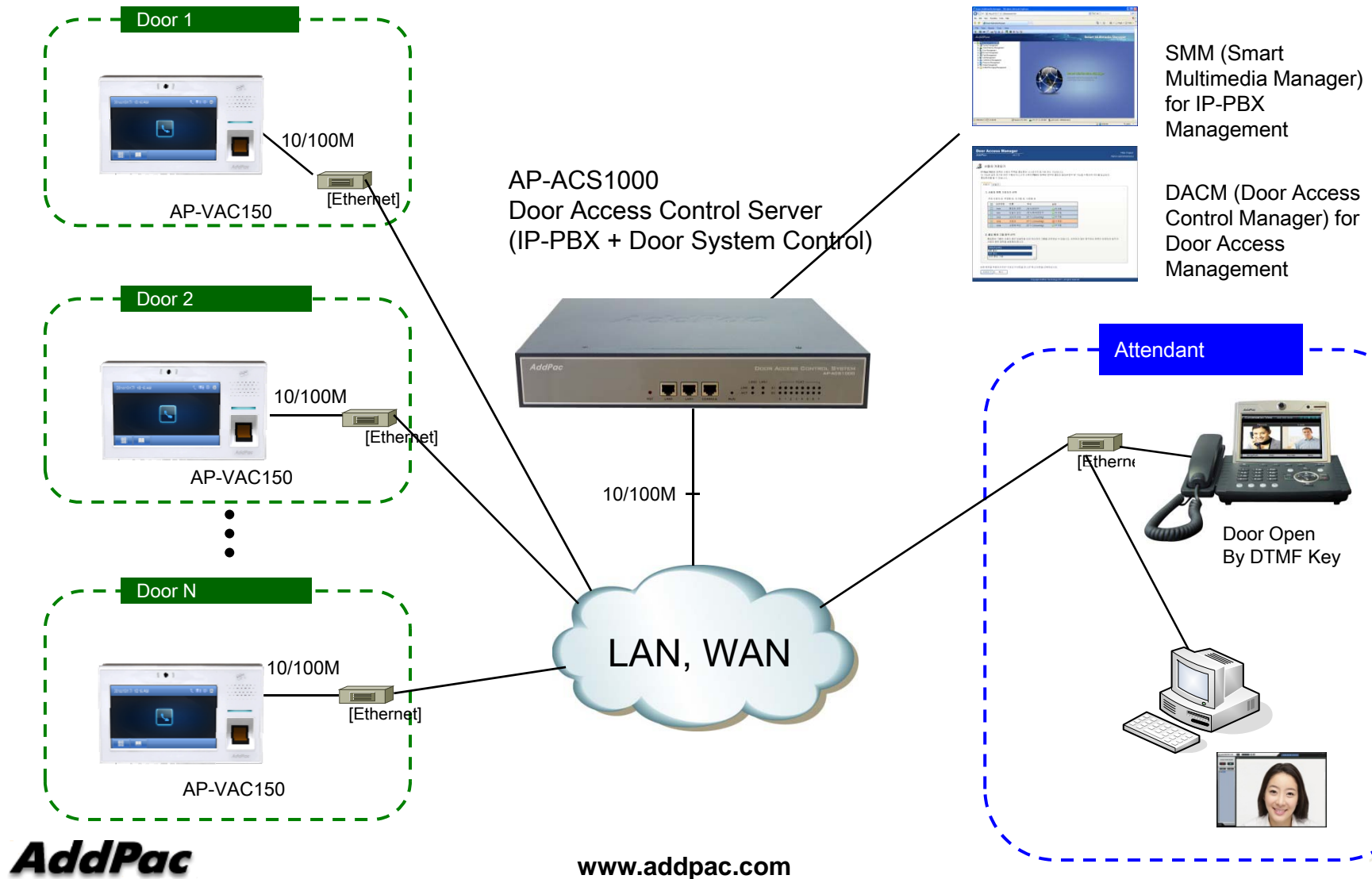


RTSP based Network Video Monitoring

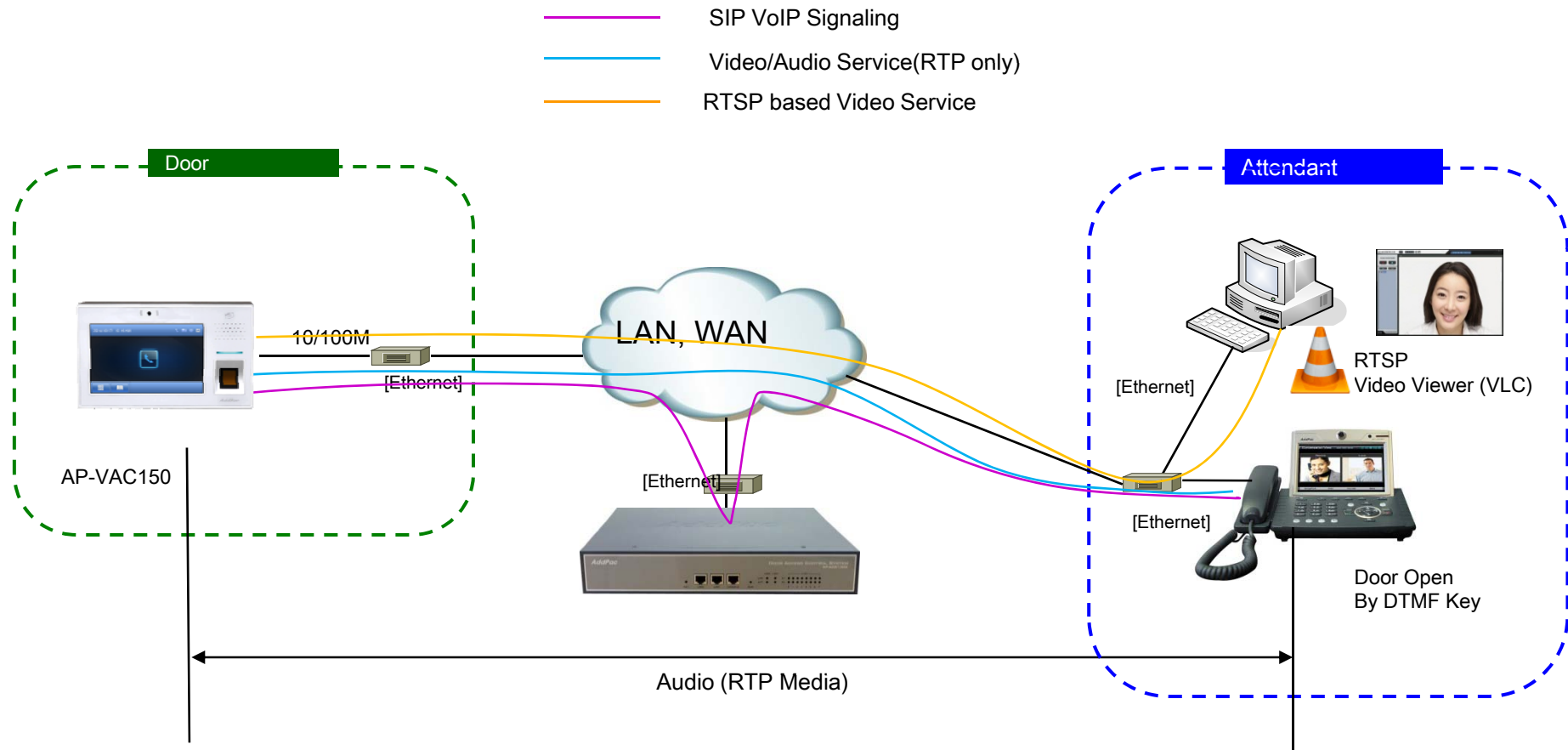
Contents

- Video Service Diagram
- RTSP based Video Service Diagram
- RTSP based Internal Block Diagram

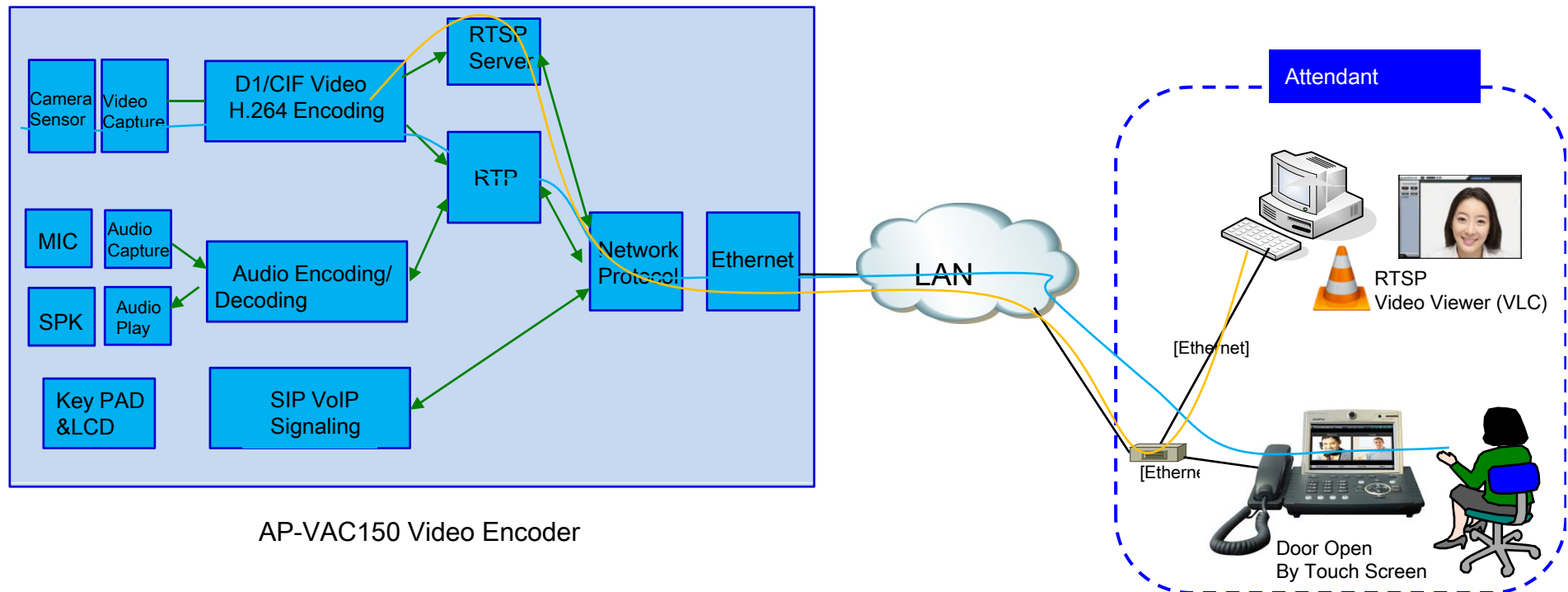
Video Service Diagram



RTSP based Video Service Diagram



RTSP based Internal Block Diagram

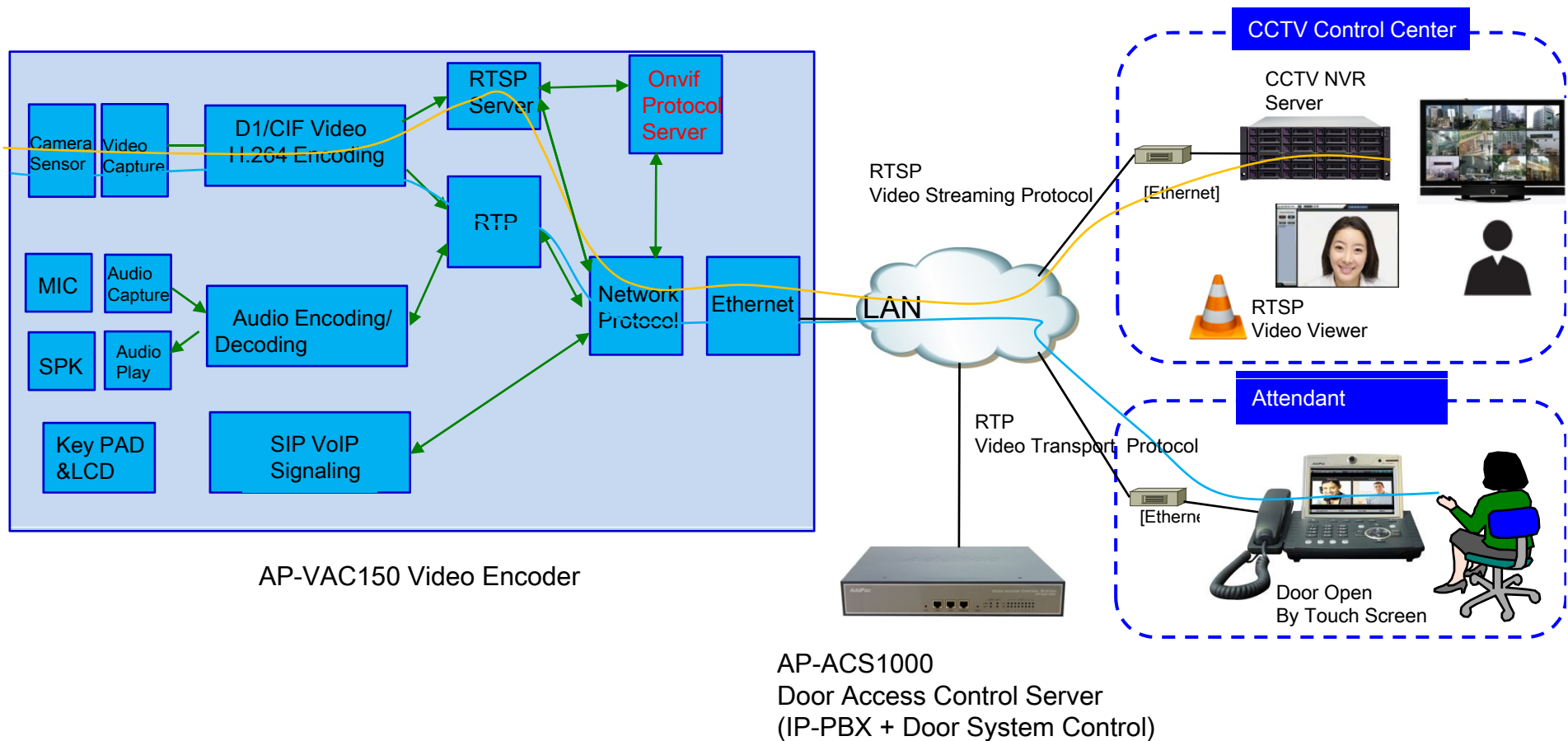


AP-VAC150 Video Encoder



Onvif based CCTV NVR Recording

Onvif based RTSP Video Recording (S/W Block Diagram)



Onvif based RTSP Video Recording (Motion Detection)

IP Video Door Phone



AP-ACS1000
Door Access Control Server



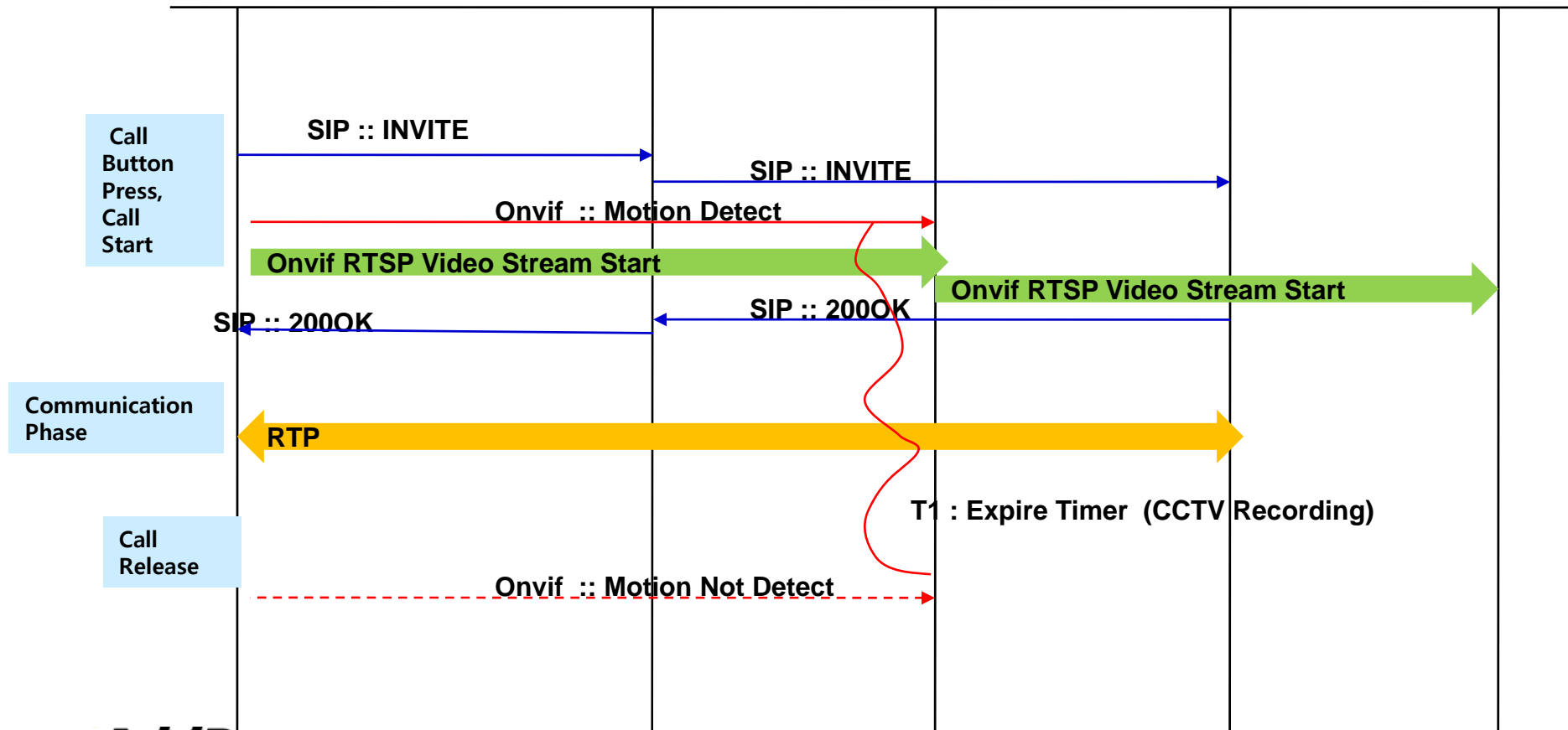
CCTV
NVR Server



IP Video Phone
For Attendant



CCTV
Viewer



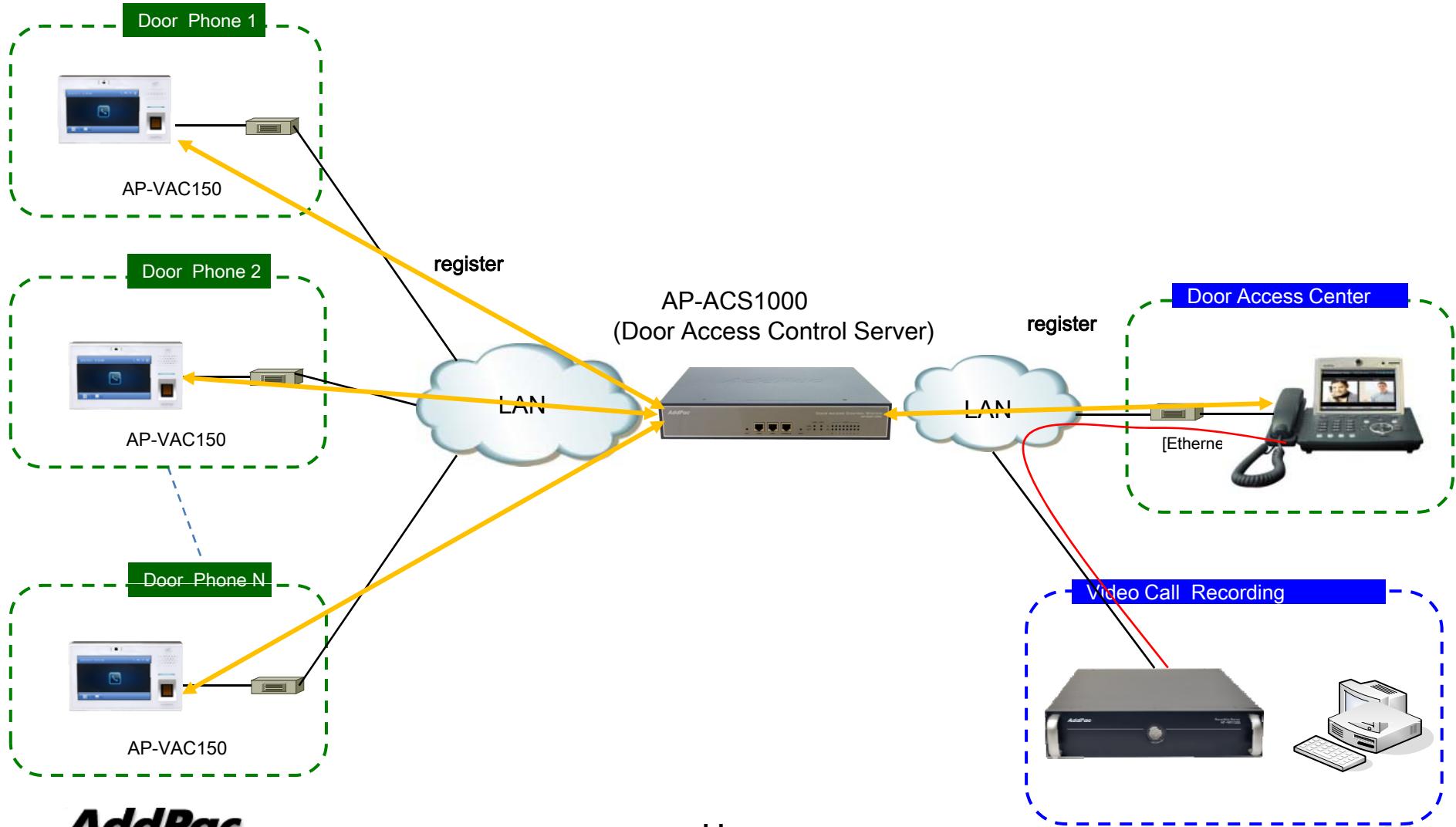


SIP Video/Audio Call Recording Solution

Contents

- Network Diagram
- AP-NR1500 SIP Call Recording Server
- Smart Recording Manager Software

Network Diagram



Product Overview

AP-NR1500 IP Video Recoding Server

- IP based Network Video Recording Server
- Linux Operating System
- Powerful Management and User Friendly Features
- High-performance Video Recording Service
- External AddPac Video Terminal (Ex: Video Phone) Interworking Support
- Firmware Upgradeable Architecture
- One(1) 10/100/1000Mbps Gigabit Ethernet Interface
- Up to Two(2) 3.5Inch SATA Hard Disk Interface Support
- Two(2) USB Interface Support
- One(1) RS232C Console Interface

Hardware Specification

AP-N1500 IP Video Recording Server

- High Performance Computing Power
- Network Interface
 - One(1) 10/100/1000Mbps Gigabit Ethernet Port
- Two(2) USB 2.0 Interfaces for Mouse, Secondary Storage, etc
- One(1) RS232C Console Interface (RJ45)
- Up Two(2) SATA type Hard Disk (4~8 Tera HDD Capacity)
- Power On/Off Soft Switch with LED Indication Lamp (Front Side)

Hardware Specification

AP-NR1500 IP Video Recording Server

AP-NR1500 Front Side

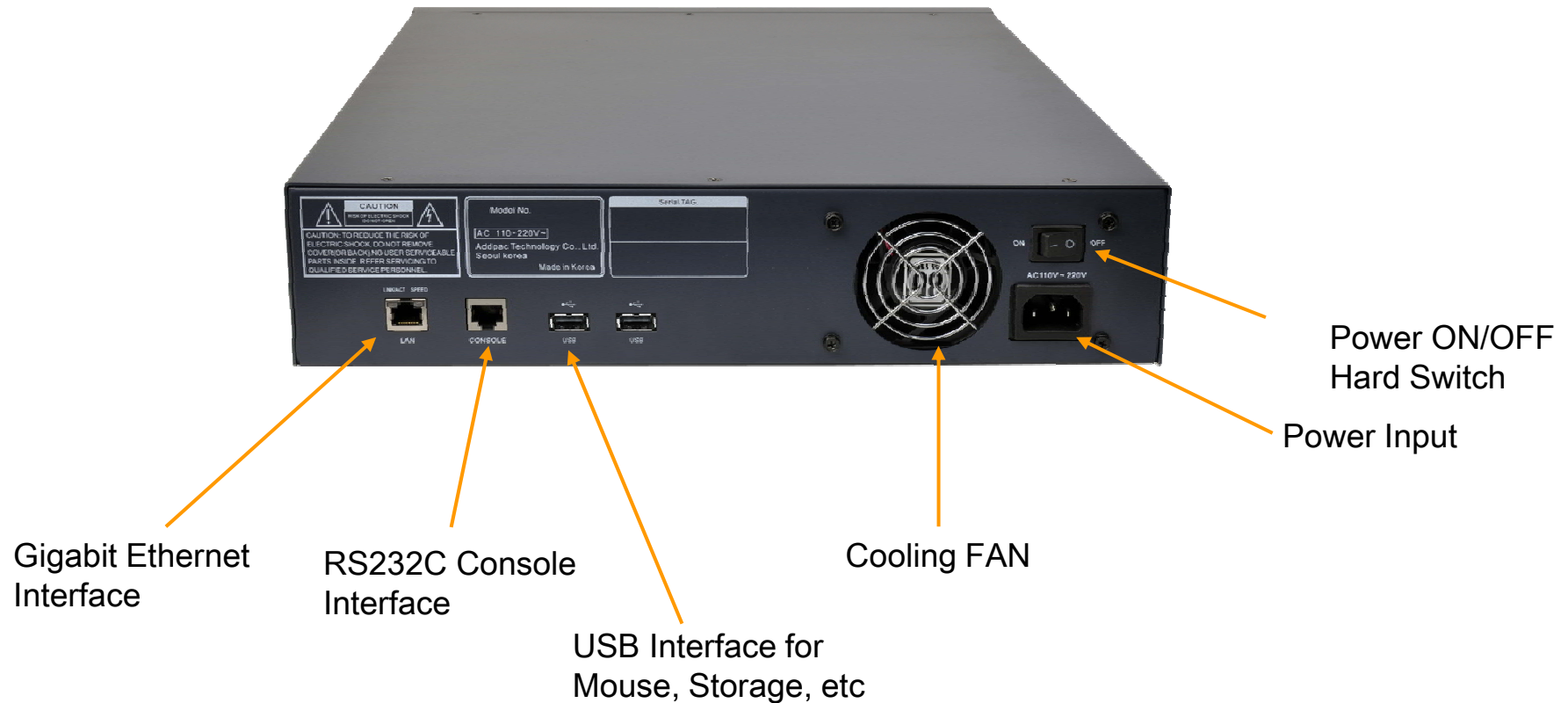


Power On/Off Switch with LED Indication LAMP

Hardware Specification

AP-NR1500 IP Video Recording Server

AP-NR1500 Back Side



Smart Recording Manager Program

AP-NR1500 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
- 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

Manager Delete

New Manager Registration

Manager Information Modification

Status

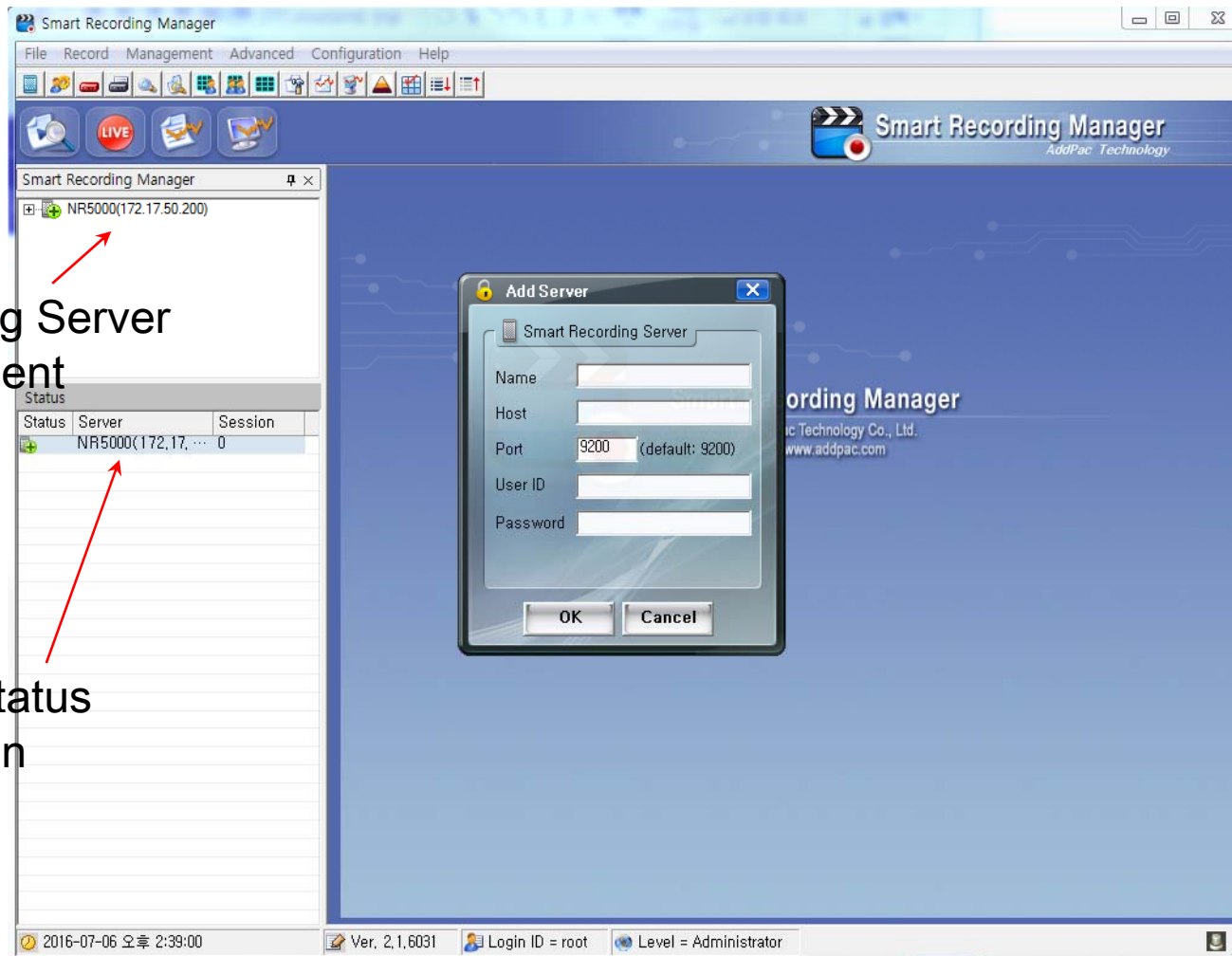
Status	Server	Session
+	NR5000(172.17.50.200)	0

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 172.17.50.200:9200, indicating the server is running. A 'Client Session List' dialog box is open, showing configuration options and a table of active sessions. The table has the following data:

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

A red arrow points to the first row of the table, which is labeled 'Client List'.

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 search filter dialog box is open in the foreground, allowing users to filter records by time and other criteria.

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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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	17:36:21		00:00:00	00:00:05	1000				3001
15	17:39:37		00:00:00	00:00:22	1000				3001
15	17:42:57		00:00:00	00:00:37	1000				3001
15	17:48:28		00:00:00	00:00:16	1000				3001
15	18:00:25		00:00:35	00:00:39	1000				3001
16	09:23:08		00:00:13	00:00:19	1000				3001
16	09:31:32		00:02:13	00:02:18	1000				3001
16	09:47:12		00:00:00	00:00:00	1000				3001
16	09:48:11		00:00:46	00:00:49	1000				3000
16	09:49:08		00:00:43	00:00:46	1000				3000
16	09:51:31		00:00:14	00:00:17	1000				3000
16	10:42:17		00:00:14	00:00:15	1000				3000
16	13:46:19		00:00:04	00:00:06	1000				3000

Search Filter Dialog:

- Record Time: Start Time: 2016-07-05 00:00:00, End Time: 2016-07-06 23:59:59
- Filter: 5 rows with Filter Name, Rule (IsExactly), and Search fields.
- Buttons: OK, Cancel, Init Filter
- Checkbox: Recording Service Unavailable Files (not G711U codec) - It may take a long time.

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	

Two video playback windows are shown below the main interface:

- The left window, titled "2016-07-06 16:43:26", shows a video frame of a woman in an office setting.
- The right window, titled "AddPac Technology - 0000620160706074326-000041--M.avi - ...", shows a video frame of a man in an office setting. The VLC playback controls at the bottom indicate the video is at 00:03 of a 00:36 duration.

The AddPac logo is visible in the bottom left corner, and the website address "www.addp" is partially visible at the bottom center.

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 monitoring 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 monitoring windows. The left window shows a man in a white shirt and tie, and the right window shows a woman in a white top and glasses. Both windows have a VLC media player interface at the bottom with playback controls and a volume indicator.

Export Recording History

Smart Recording Manager - [Record Search [NR5000:172.17.50.200]]

File Record Management Advanced Configuration Help

Smart Recording Manager

NR5000(172.17.50.200)

- User Management
- Device Management
- Recording Management
- Record Search
- Record Session
- Recording Board
- Event & Monitoring
- System Management

Status

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

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

Records Exporting !!! ... Cancel

73%

Export Date : 2016-07-06 오후 2:53:25
Export Count : 26
Record Date : 2016-07-05 오전 12:00:00 - 2016-07-06 오후 11:59:59

Call ID	Source IP	Record Start Time	Record End Time	Record Di	Call Durat	Calling N	Calling U	Calling S	Called Nu	Called Us	Called Slot/Port/Chann
2	172.16.9.29	2016-07-05 10:30	2016-07-05 10:30	00:00	00:00:10	0000	0/0/0	0/0/0	3000	0/0/0	
3	172.16.9.29	2016-07-05 12:47	2016-07-05 12:47	00:00	00:00:10	0000	0/0/0	0/0/0	3000	0/0/0	
6	172.16.9.29	2016-07-05 12:50	2016-07-05 12:50	00:00	00:00:00	0000	0/0/0	0/0/0	3001	0/0/0	
7	172.16.9.29	2016-07-05 12:50	2016-07-05 12:50	00:00	00:00:16	0000	0/0/0	0/0/0	3001	0/0/0	
10	172.16.9.29	2016-07-05 12:51	2016-07-05 12:51	00:00	00:00:10	0000	0/0/0	0/0/0	3001	0/0/0	
12	10	172.16.9.29	2016-07-05 12:51	00:00	00:00:05	0000	0/0/0	0/0/0	3001	0/0/0	
13	12	172.16.9.29	2016-07-05 12:53	00:00	00:00:10	0000	0/0/0	0/0/0	3001	0/0/0	
14	14	172.16.9.29	2016-07-05 14:10	00:00	00:00:43	0000	0/0/0	0/0/0	3001	0/0/0	
15	15	172.16.9.29	2016-07-05 14:11	00:00	00:00:02	0000	0/0/0	0/0/0	3001	0/0/0	
16	16	172.16.9.29	2016-07-05 14:12	00:00	00:00:11	0000	0/0/0	0/0/0	3001	0/0/0	
17	17	172.16.9.29	2016-07-05 14:13	00:00	00:00:13	0000	0/0/0	0/0/0	3001	0/0/0	
18	18	172.16.9.29	2016-07-05 14:13	00:00	00:00:10	0000	0/0/0	0/0/0	3001	0/0/0	
19	19	172.16.9.29	2016-07-05 16:53	00:00	00:37:33	0000	0/0/0	0/0/0	3001	0/0/0	
20	20	172.16.9.29	2016-07-05 16:53	00:00	00:00:05	0000	0/0/0	0/0/0	3001	0/0/0	
23	23	172.16.9.29	2016-07-06 09:48	00:00	00:00:05	0000	0/0/0	0/0/0	3001	0/0/0	
24	24	172.16.9.29	2016-07-06 09:51	00:00	00:00:14	0000	0/0/0	0/0/0	3001	0/0/0	
25	25	172.16.9.29	2016-07-06 10:42	00:00	00:00:14	0000	0/0/0	0/0/0	3001	0/0/0	
26	26	172.16.9.29	2016-07-06 13:46	00:00	00:00:04	0000	0/0/0	0/0/0	3000	0/0/0	

2016-07-06 오후 2:53:25 Ver. 2.1,6031 User Id = root Level = Administrator

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

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

event
level
filter
settings

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 on the interface include:

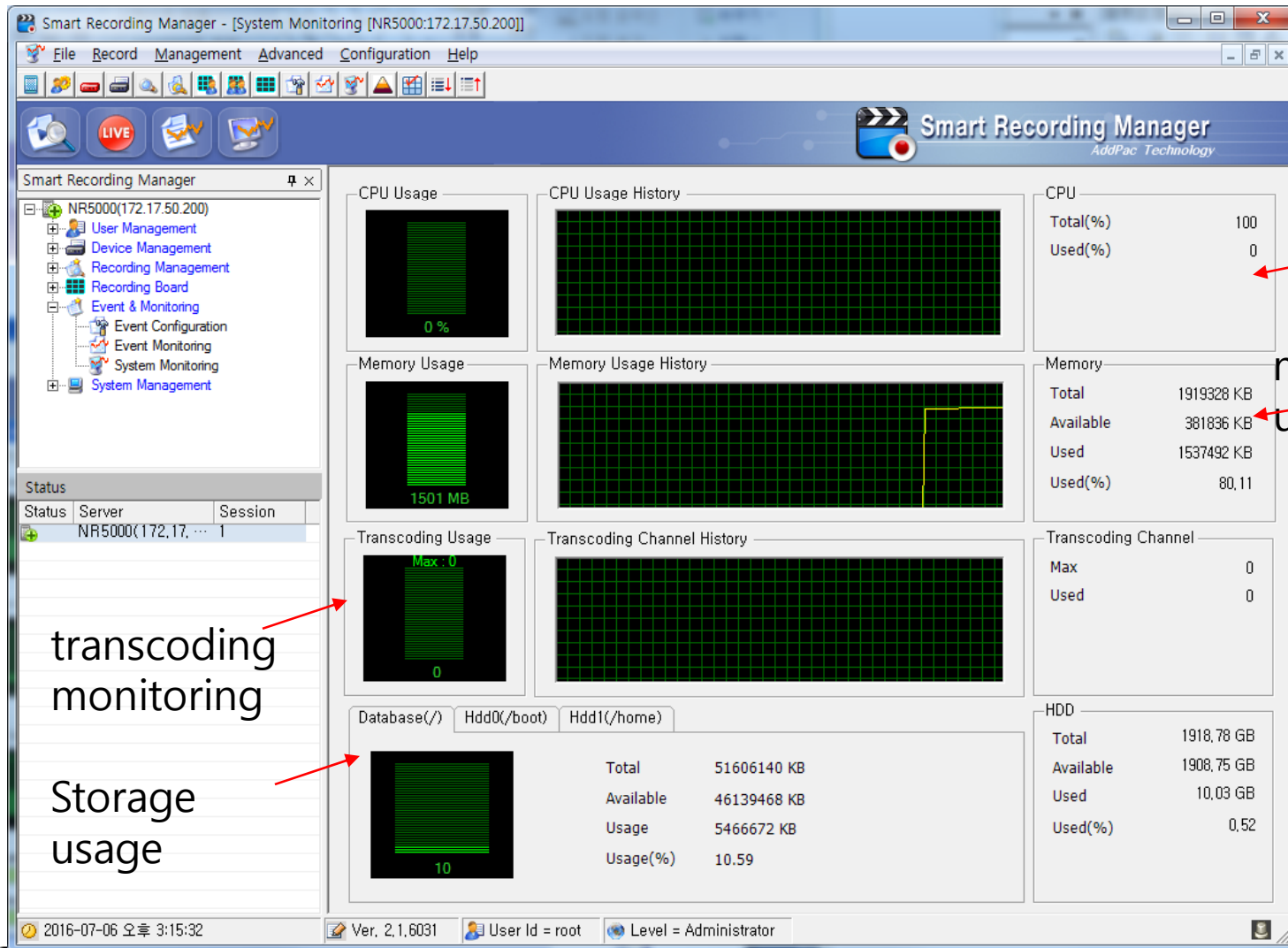
- Event monitoring**: Points to the 'Event Monitoring' option in the left-hand navigation tree.
- Event filter**: Points to the 'Apply' button located above the session table.
- Pause event**: Points to the 'Pause' button in the bottom right corner of the main window.

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 the date and time as 2016-07-06 오후 3:12:38, version 2.1.6031, and user information: User Id = root, Level = Administrator.

Event Management (System Monitoring)



Smart Recording File Manager

(Recorded Call List Search)

The screenshot displays the 'Smart Recording File Manager' application window. The interface includes a menu bar (File, Management, Help), a toolbar with icons for file operations, and a search section with a dropdown for 'Search Target' (set to 'Local Database'), date range selectors for 'Start' and 'End', and 'Search' and 'Advanced' buttons. The main area is divided into two panes. The left pane shows a tree view of a 'Remote Database (172.17.50.200)' with folders for '2016', '06', and '07', and sub-folders for dates from '2016-07-01' to '2016-07-05'. The right pane displays a table of search results with columns: Start Time, End Time, Duration, Calling Number, Calling User, Called Number, Called User, and Recording Source. The table contains 13 rows of data for calls on 2016-07-05. A red arrow points from the '07' folder in the tree view to the search results table. Another red arrow points from the 'Searched Recording History' text to the 'Called Number' column in the table. Below the main window, a status bar shows the date '2016-07-06 오후 3:39:29', version '1.2.6031', IP address '172.17.50.200:9200', and user 'root'. A taskbar at the bottom shows 'Waiting' and 'Next Backup Time(2016-07-08 오전 3:00:00)'. The 'AddPac' logo is visible in the bottom left corner.

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 ...

Server
Recording
History
(Year/Month/Day)

Searched
Recording
History

Backup PC
Recording History
(Year/Month/Day)

Smart Recording File Manager

(Configuration)

The screenshot displays the Smart Recording File Manager application interface. 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." followed by a blue link: "Click below link to VLC download. <http://www.videolan.org/vlc/download-windows.html>".

The background application 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.

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 ...

Smart Recording File Manager

(Call List Properties)

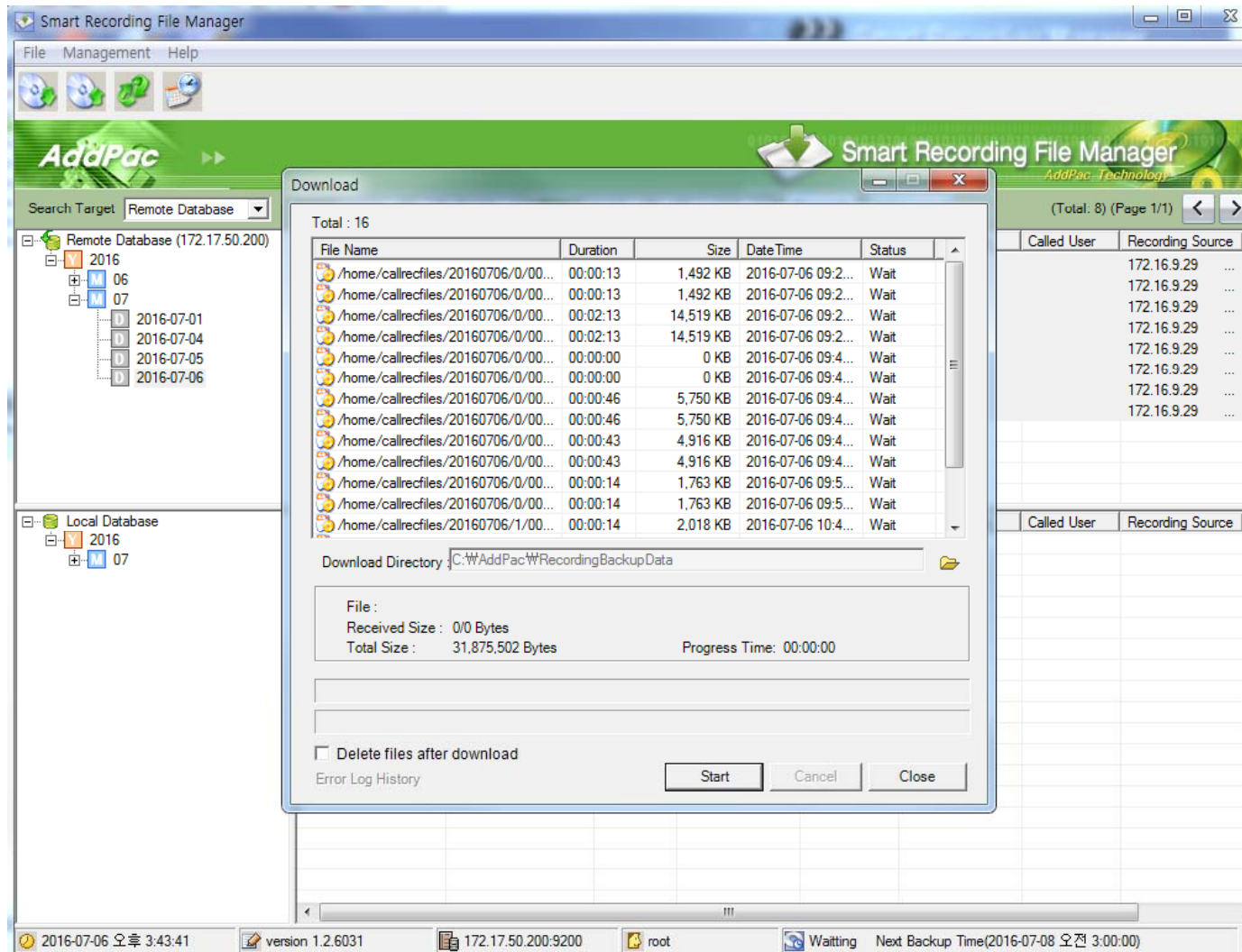
The screenshot displays the Smart Recording File Manager interface. The main window shows a list of recording sessions with columns for Start Time, End Time, Duration, Calling Number, Calling User, Called Number, Called User, and Recording Source. A context menu is open over a selected row, showing options like Download, Delete, Refresh, and Properties. A 'Recording Session Information' dialog box is also open, showing details for two specific sessions.

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)



Smart Recording File Manager

File Management Help

AddPac Smart Recording File Manager

Search Target: Remote Database

Remote Database (172.17.50.200)

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

Local Database

- 2016
 - 07

Download

Total : 16

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

2016-07-06 오후 3:43:41 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

(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 their search criteria. The background shows a table of recorded calls with columns for Start Time, End Time, Duration, Calling Number, Calling User, Called Number, Called User, and Recording Source. The search filter dialog includes fields for 'Record Time' (Start and End), a 'Filter' section with multiple rows of 'Filter Name', 'Rule', and 'Search' fields, and a checkbox for 'Recording Service Unavailable Files (not G711U codec)'. The status bar at the bottom shows the current date and time as 2016-07-06 오후 3:54:51, version 1.2.6031, and the current path as 172.17.50.30:9200.

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 ...

Smart Recording File Manager

(Periodical Backup)

The screenshot displays the 'Smart Recording File Manager' application window. The main interface includes a menu bar (File, Management, Help), a toolbar with icons, and a search bar. The search target is set to 'Local Database', with a start date of '2016년 1월 1일 금요일' and an end date of '2016년 7월 6일 수요일'. The search results are displayed in a table with columns: Start Time, End Time, Duration, Calling Number, Calling User, Called Number, Called User, and Recording Source. A 'Schedule Setting' dialog box is open in the foreground, showing recording source selection and scheduling options.

Start Time	End Time	Duration	Calling Number	Calling User	Called Number	Called User	Recording Source
2016-07-06 12:04:...	2016-07-06 12:04:34	00:00:09	5055		5155		172.17.50.26 ...
2016-07-06 12:04:...	2016-07-06 12:04:35	00:00:09	5067		5167		172.17.50.26 ...

Schedule Setting Dialog:

- Recording Source:** 172.17.207.207, 172.17.50.26, 172.17.50.80
- Scheduler Run / Stop:** Scheduler Run / Stop
- 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



Thank you!

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