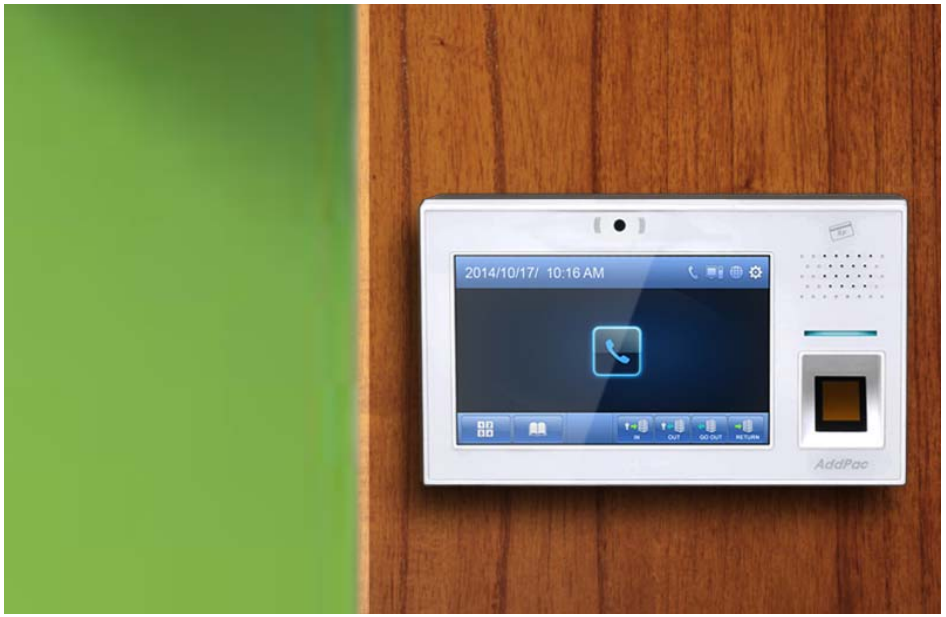
AP-VAC150
IP Video Door Phone

Fingerprint Recognition IP Video Door Phone Solution

Advantage over other vendor products



AddPac Technology

2015, Sales and Marketing

Contents

- General Advantage Service
- Optional Extension Service
  - WiFi Service
  - IoT Service for Zwave Sensor Devices

General Advantage

- Touch Screen based Digital GUI Interface for Easy Migration and New Trend Following
- Various Video Door Phone Backend Device Support
- Standalone and Network Mode Both Support
- SIP based Powerful Call Processing and VoIP Signaling Support
  - Interoperability and Various Field Experience
  - Call Forwarding Service, Group Call Service, Conference Service, etc
- uPnP Service Mode Support
- Optional WiFi Service Support
- Optional IoT Service Support

IP Video Door Phone
Backend Products

IP Video Door Phone Backend Product Table

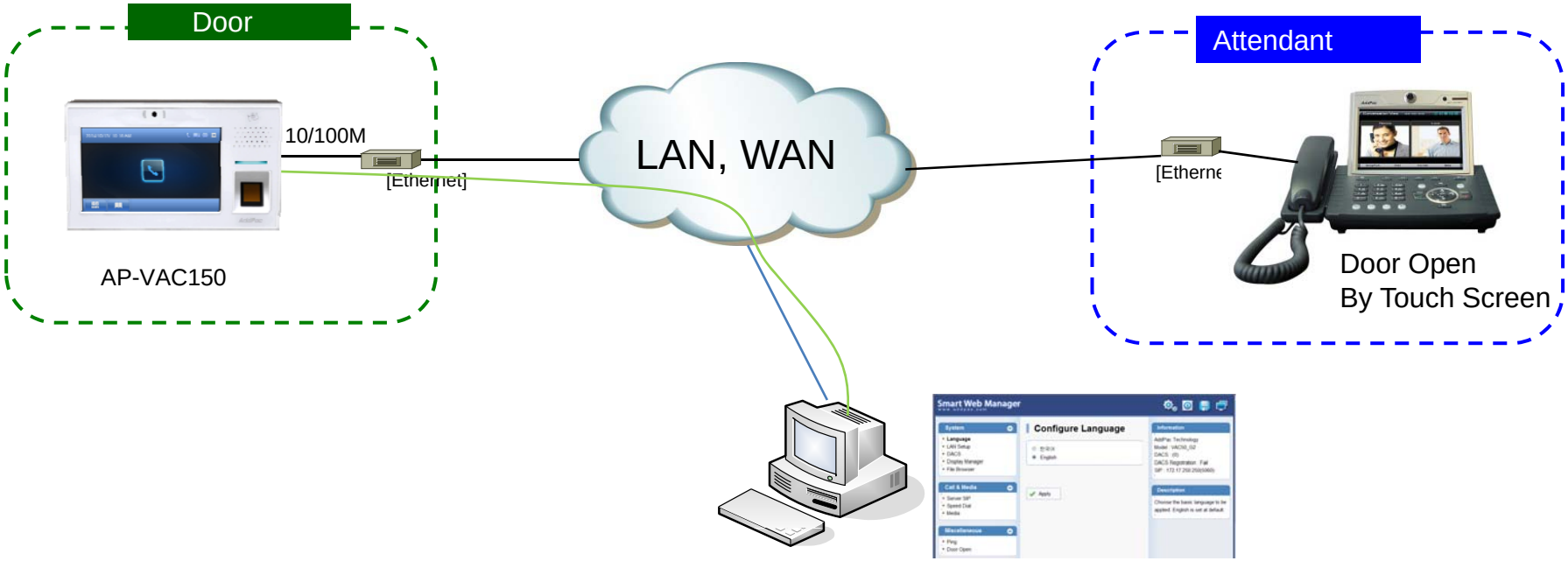
Backend Products	Description	Model
	IP Door Access Control Servers (SIP Call Manager + Access Control)	AP-ACS1000, AP-ACS2000, etc
	IP Video Phone (Bidirectional two-way video)	AP-VP280, etc
	IP Video Intercom (Unidirectional one-way video only)	AP-VIC100
	IP Soft Video Phone	AP-SMP100
	IP Video Wall PAD	AP-VWP100, AP-VWP150
	Smart Door Phone Application	AP-SAD100

IP Video Door Phone
Standalone & Network Mode

Contents

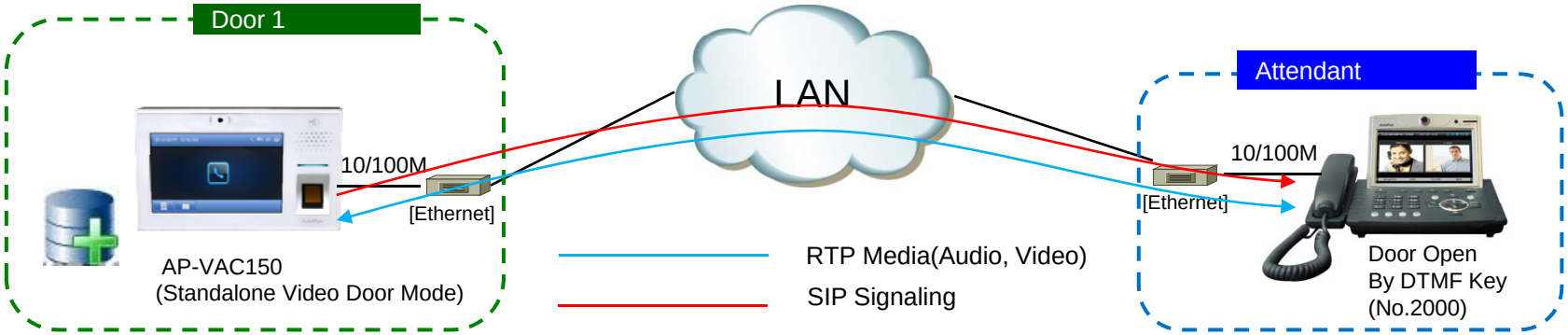
- Standalone Mode Network Diagram
- Standalone Mode Signal Flow
- Network ACS(Access Control Server) Mode Network Diagram
- Standalone Mode vs Network ACS Mode Comparison Table
- Smart Web Manager for Standalone Mode
  - Overview
  - Standalone Mode Diagram
  - Standalone Mode Flow
  - Service control
  - Indoor open control
  - User list
  - RF card list
  - RF card registration
  - Event log

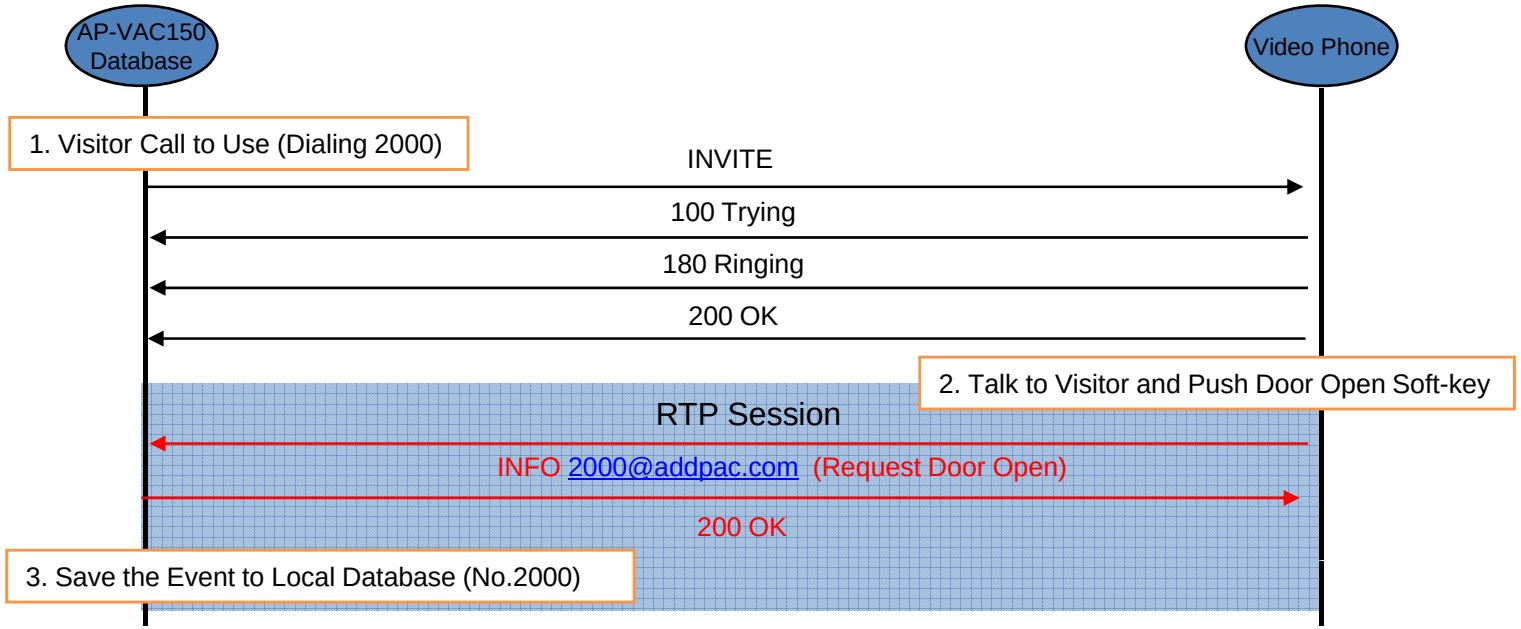
Standalone Mode Network Diagram



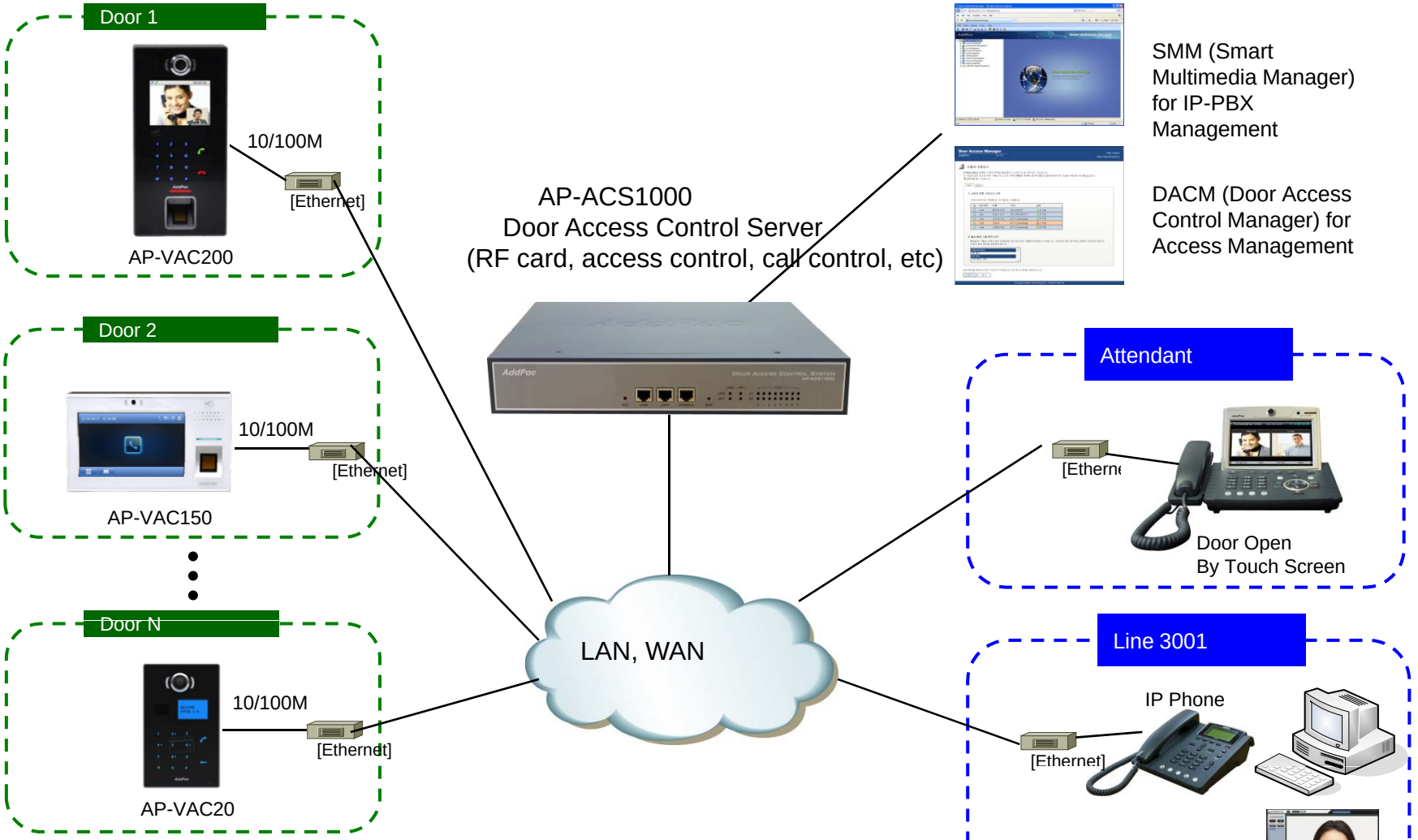
Smart Web Manager for AP-VAC200

Standalone Mode Signal Flow





Network ACS Mode Network Diagram



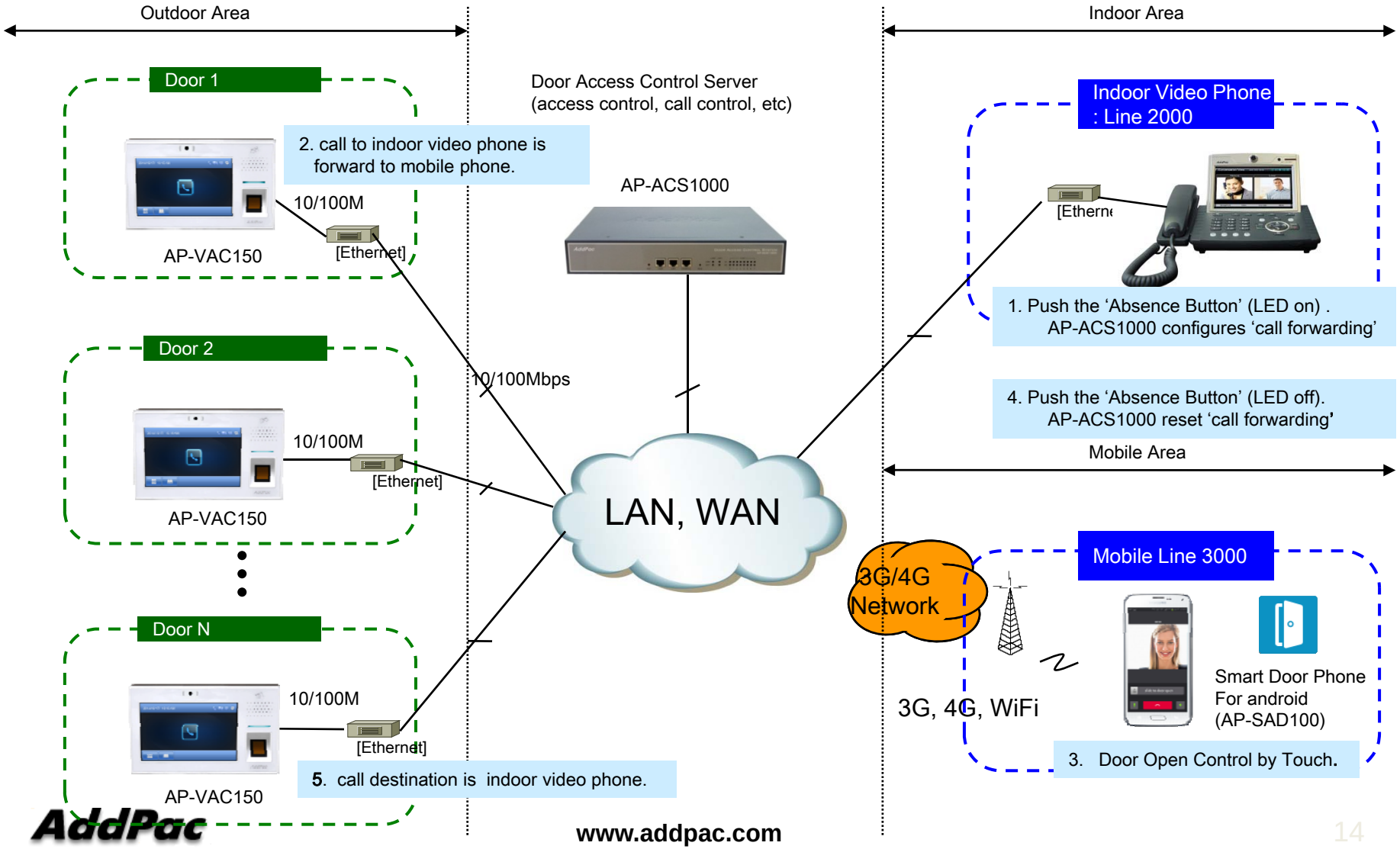
Standalone Mode vs Network ACS Mode

Category	Detail Category	Client-Server (ACS1000, VAC150, Indoor Phone)	Standalone(VAC150 – Indoor Phone)
Door Access Control	Provisioning	Support multiple binding an user to door phones by ACS WEB. (user : terminal = M:N)	Support single binding an user to door phone by WEB. (user : terminal = N : 1)
	Integrated with IP-PBX(IPNext system)	Support automatic importing data of user and terminal at PBX to ACS. Indoor Phones are integrated to IP-PBX.	N/A
	Scheduling based Access Control	Support powerful schedule-based door access policy for a user using various date and time conditions	N/A
	RF-Card Control	Display all registered card list . Register a new card to the user by WEB.	Cards are registered to single door phone.
	Event Logging	Support powerful search options(start date, end date and level, etc) for access events to the all registered door phones.	Support powerful search options for access events to the single door phones.
Time and Attendance	Attendance code management	Support Time and Attendance codes (business trip or vacation, etc) creation and management.	N/A
	Attendance Reporting	Support e-mail delivery for manager to receive daily & monthly attendance report.	
	Attendance Statistics	Provide various time and attendance report view by date, month and personal	

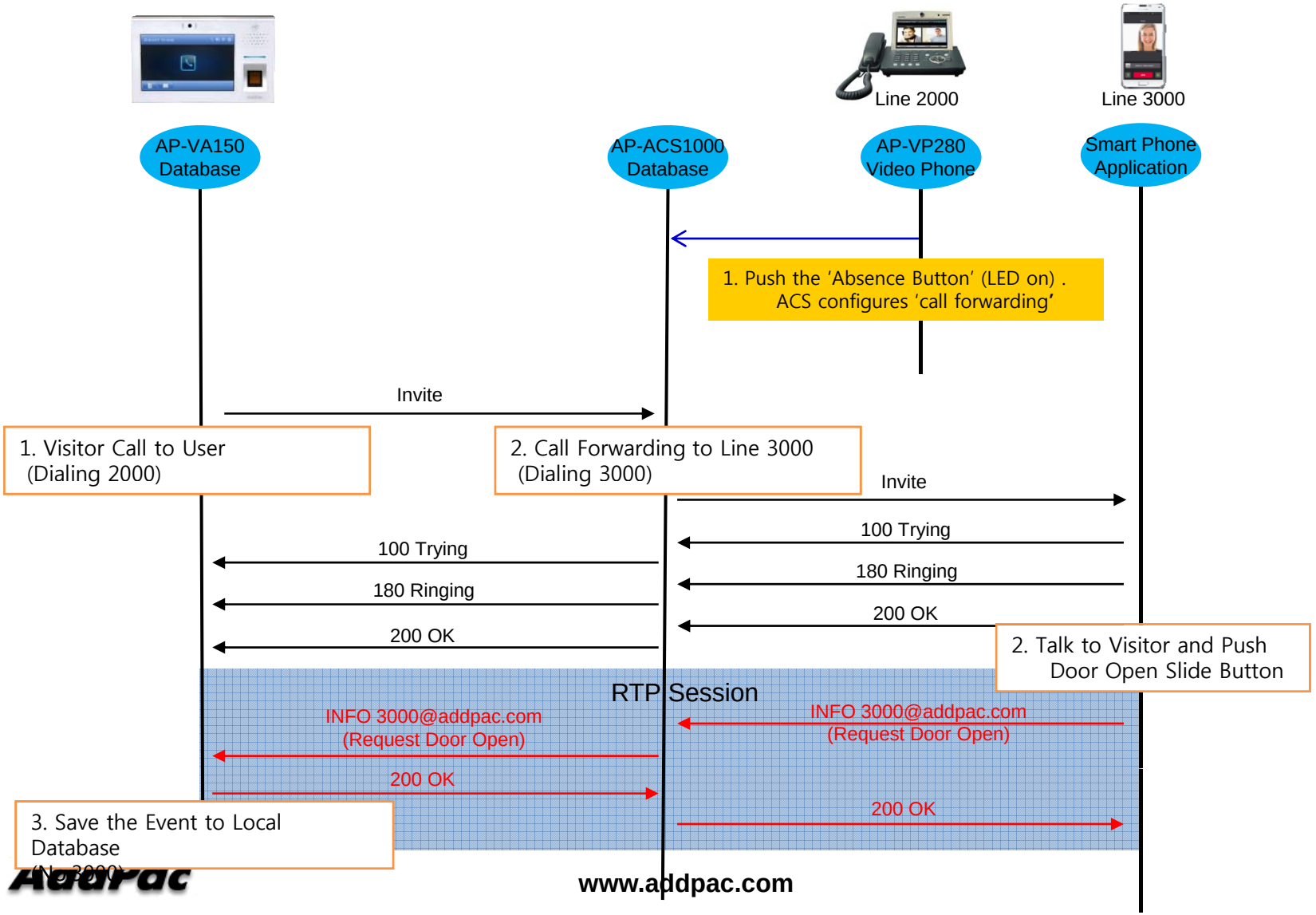
SIP based Powerful Call Processing and VoIP Signaling Support

Video Phone
Call Forwarding to Smart Phone

Video Phone Call Forward To Mobile Extension (Service Diagram)

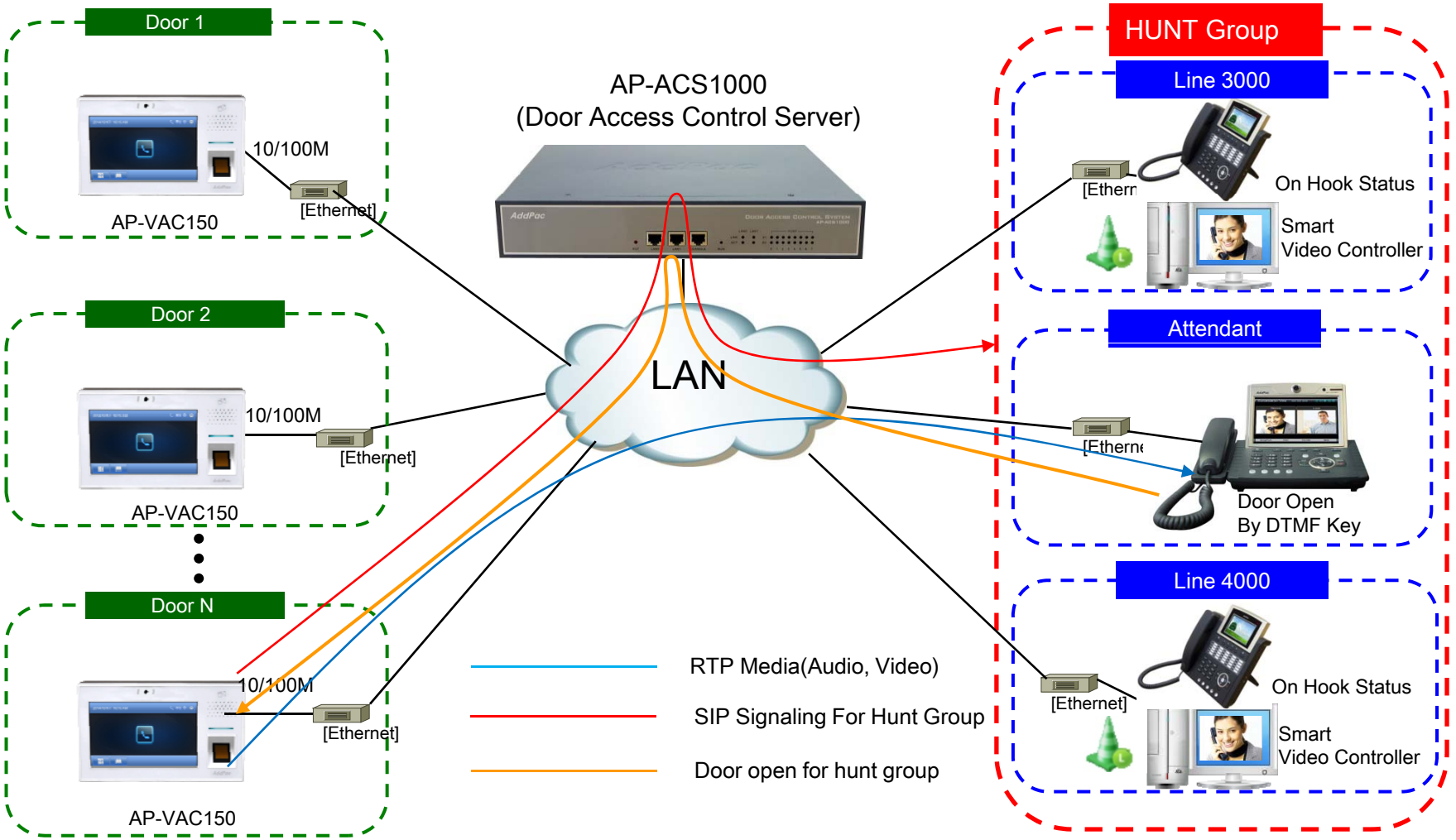


Video Phone Call Forward To Mobile Extension (Call Flow Diagram)



Group Dial Service

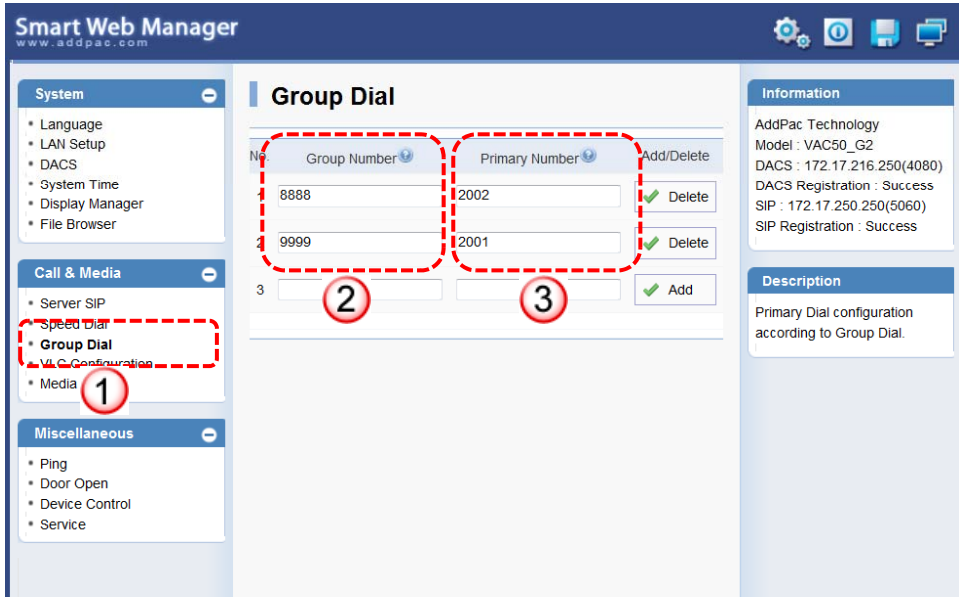
Door Open For Hunt Group Diagram



Group Dial Configuration

Group Dial(Hunt Group) Configuration

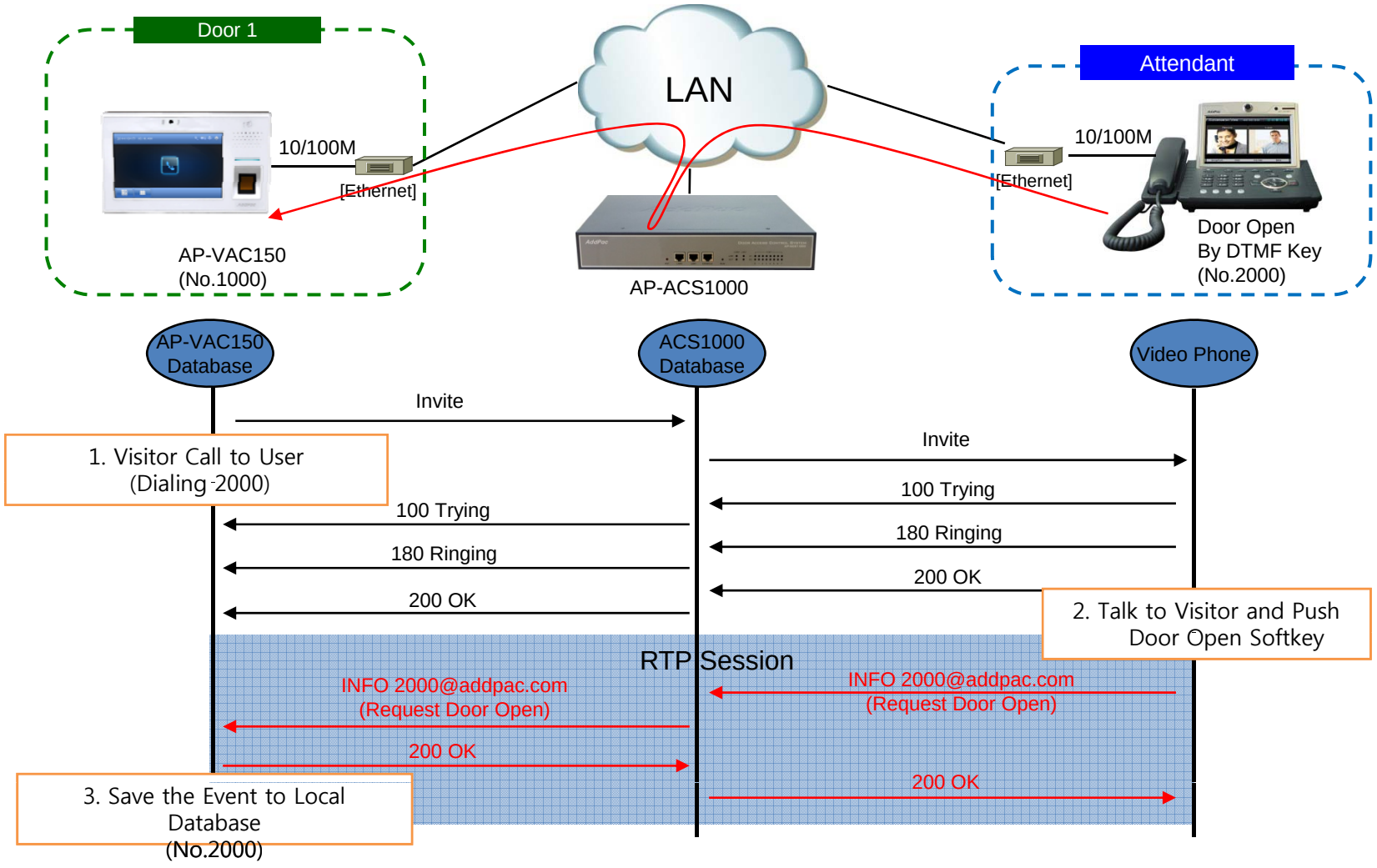
Group Dial feature is configured by Smart Web Manager



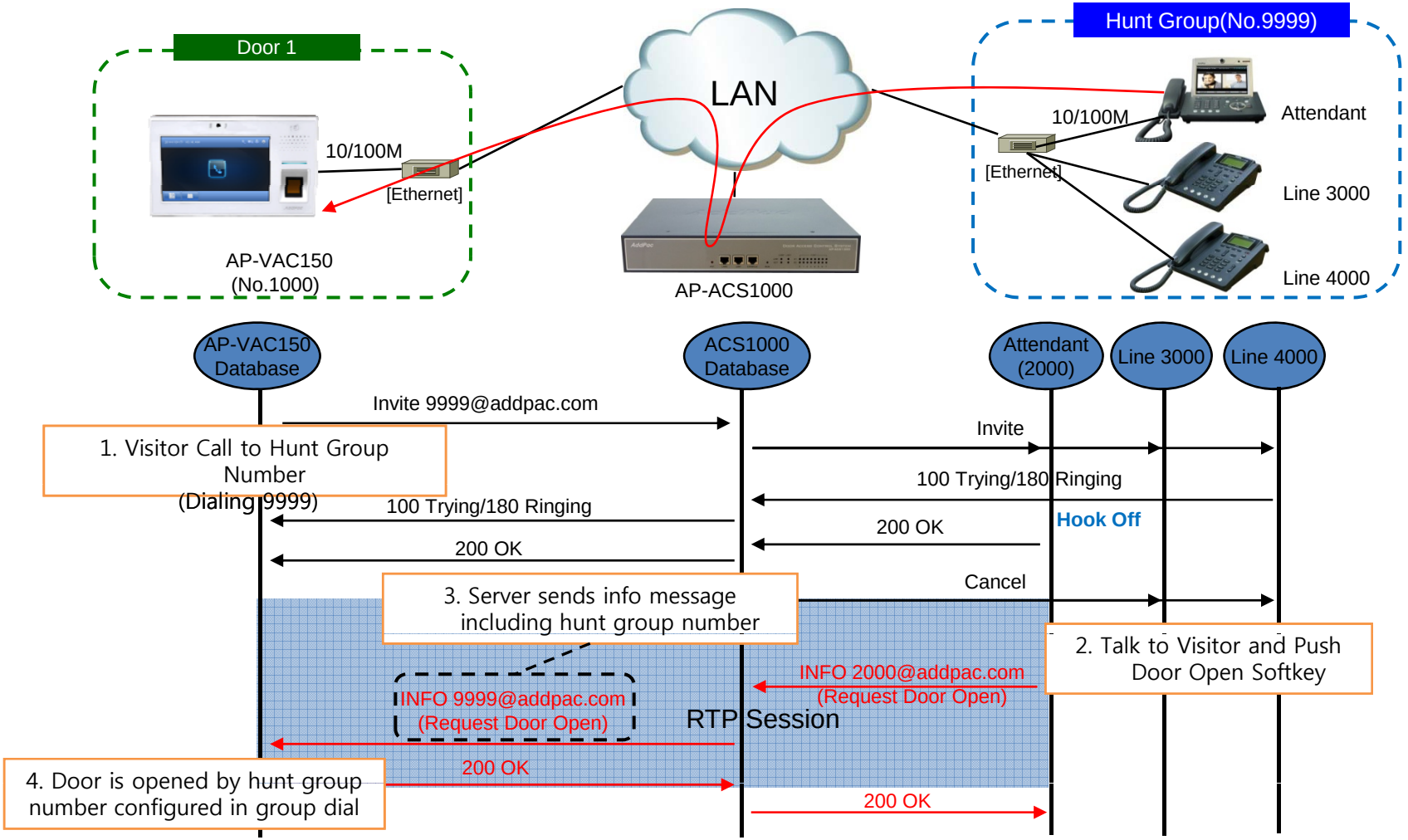
1	Group Dial Configuration Menu
2	Configuration Hunt Group
3	Configuration Primary Number

[Figure 1]
AP-VAC150 Smart Web Manager

Door Open Flow
: General Call



Door Open Flow
: Hunt Group Call



IP Video Door Phone
uPnP Service

uPnP Service Overview

- uPnP Discovery Service
  - Search AddPac Devices (**Sensor Controller & Smart Hub**)
  - Connect to **Sensor Controller & Smart Hub**
  - Set Network Address and Router Information to AddPac Devices

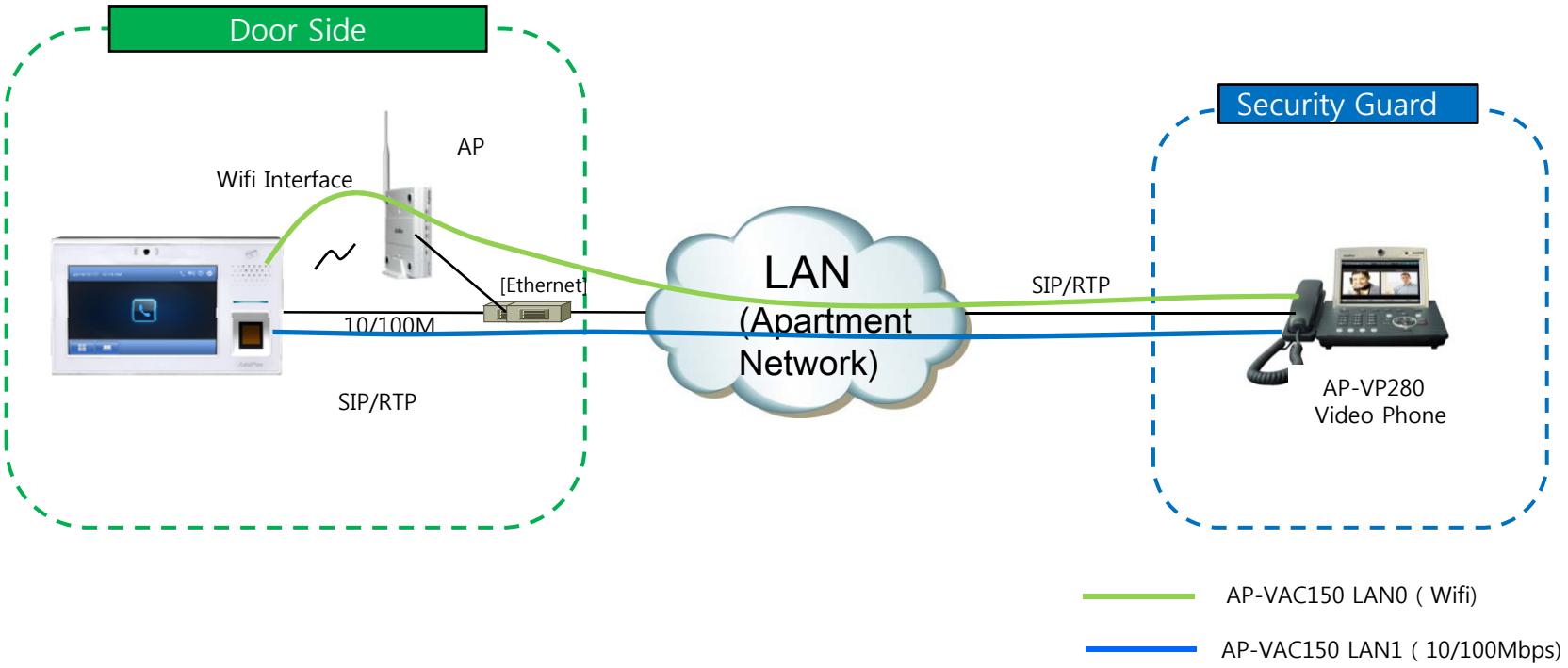
- uPnP Port Forwarding Service
  - Search NAT Router (Internet Gateway Device)
  - Set External to Local Port Mapping to NAT Router for HTTP, SIP, RTSP, telnet, etc

Optional WiFi Service

Contents

- AP-VAC150 WiFi Network Service Diagram
- AP-VAC150 WiFi Interface (USB Type)
- AP-VAC150 WiFi Configuration
  - Enable WiFi Interface
  - Search WiFi
  - Set WiFi Profile (Profile Use, Change Encryption, Encryption Lists, Password)
  - Search WiFi (with Selected AP)
  - WiFi Network Information

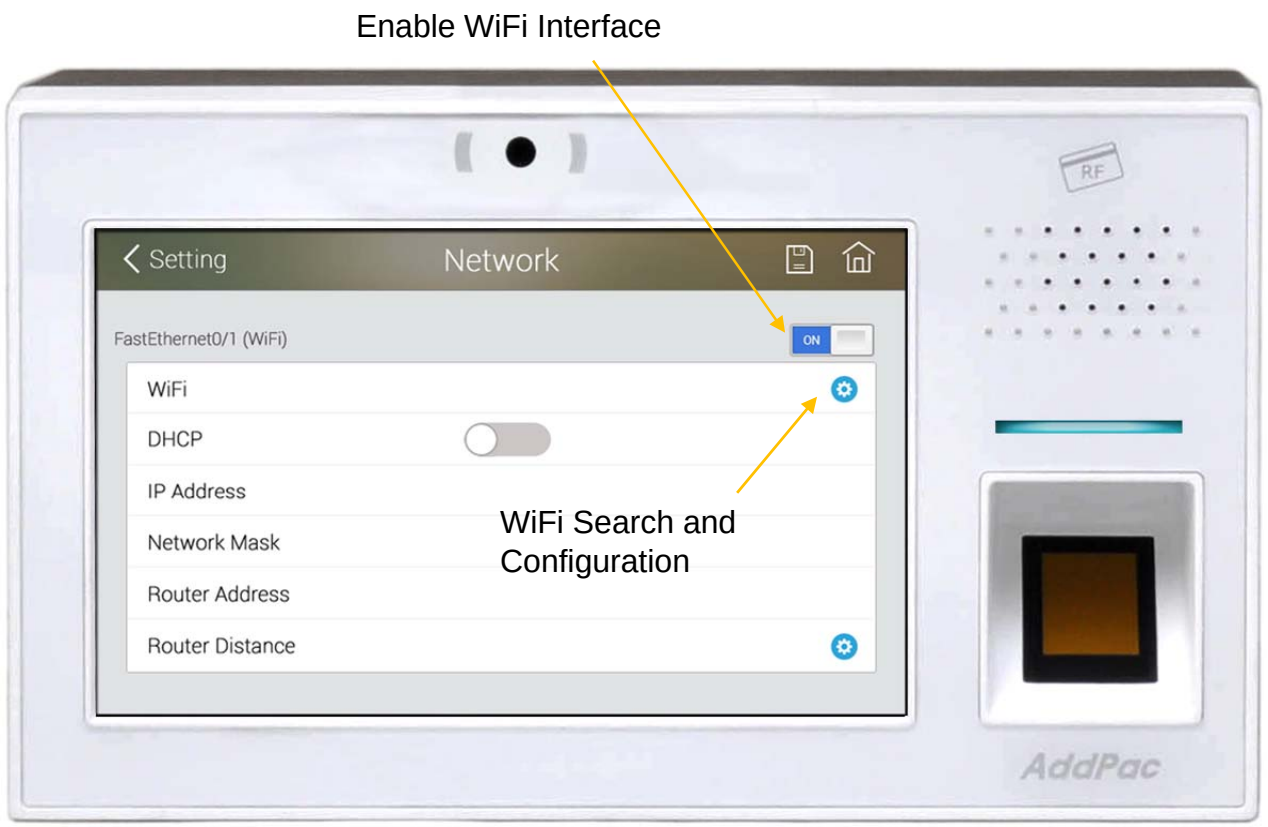
WiFi Network Diagram



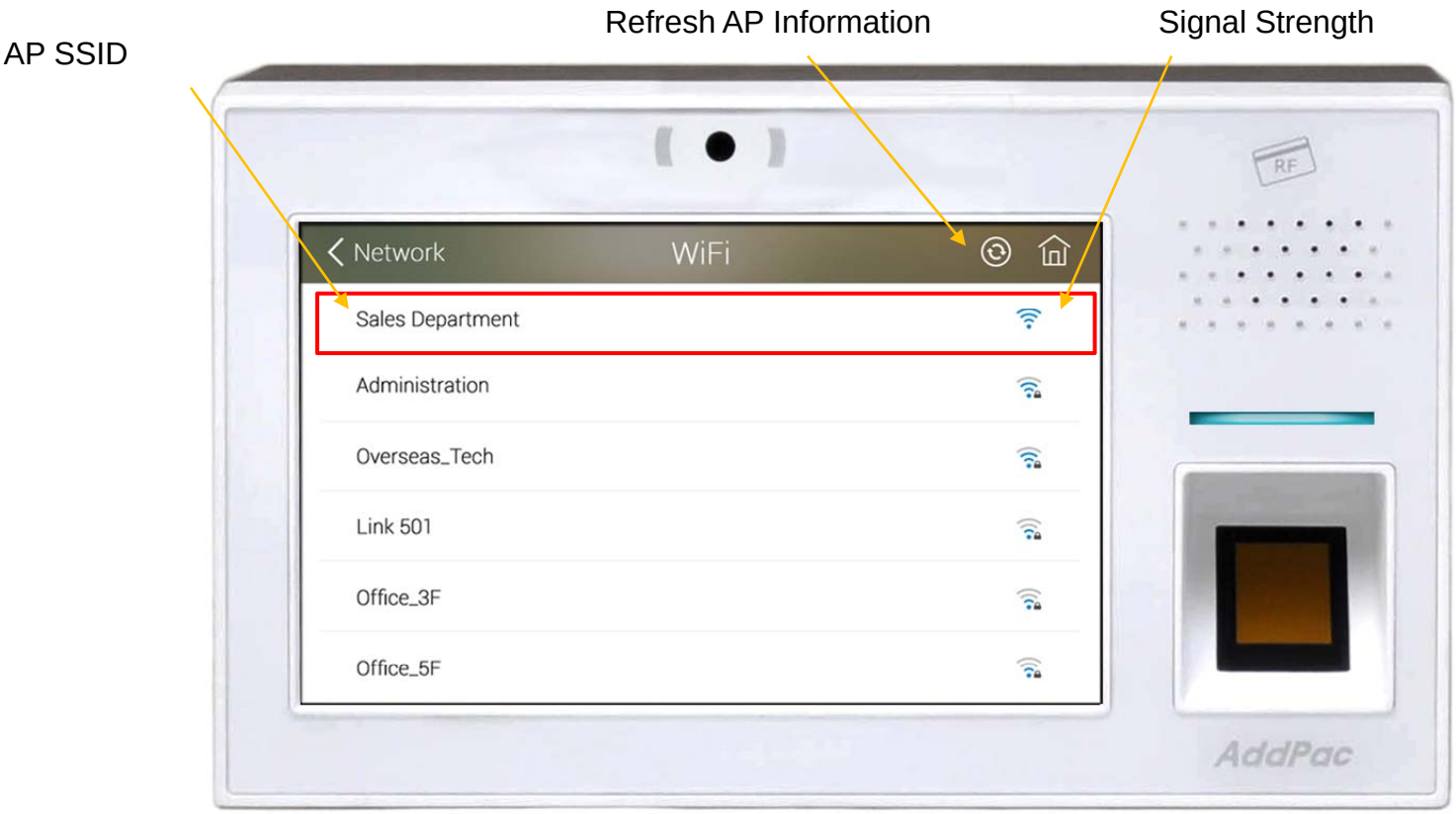
WiFi Interface (USB Type)

WiFi Interface (USB Type)
: Option

Enable WiFi Interface



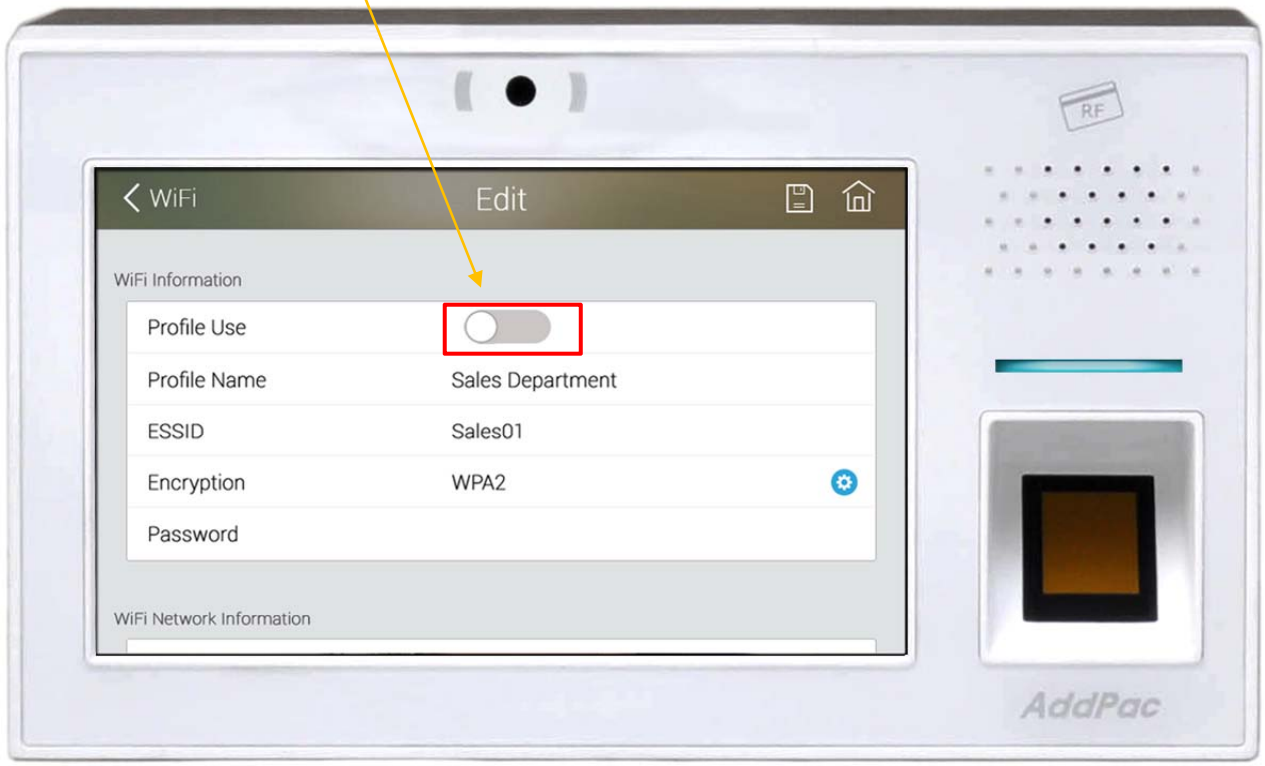
Search WiFi Interface



Set WiFi Profile

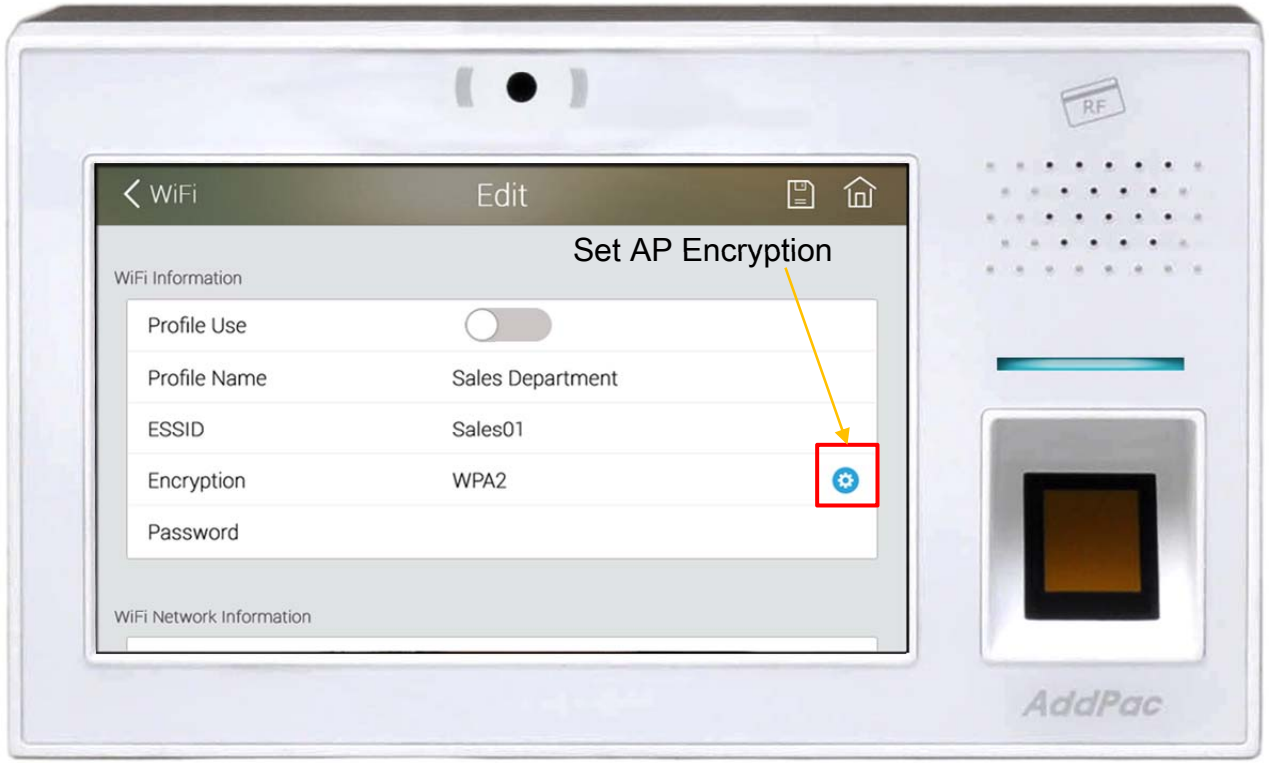
> Profile Use

Set AP Profile use



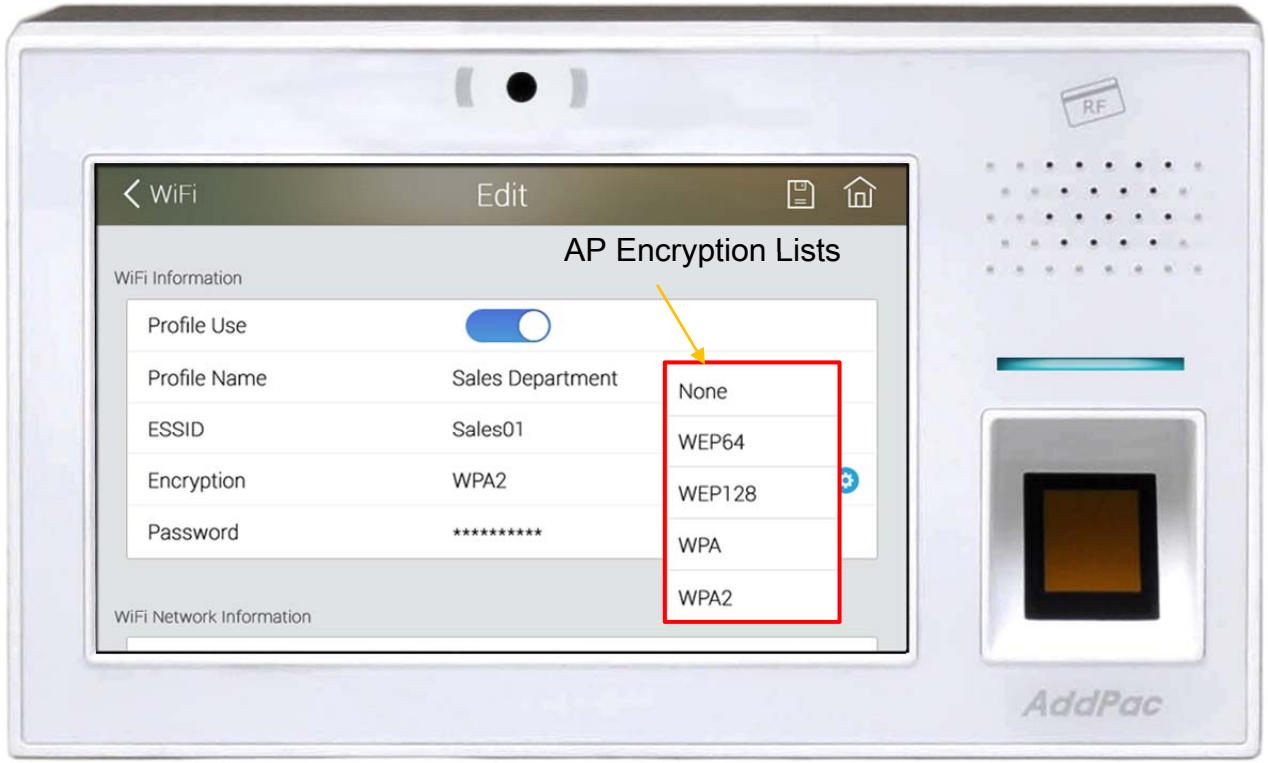
Set WiFi Profile

> Change Encryption



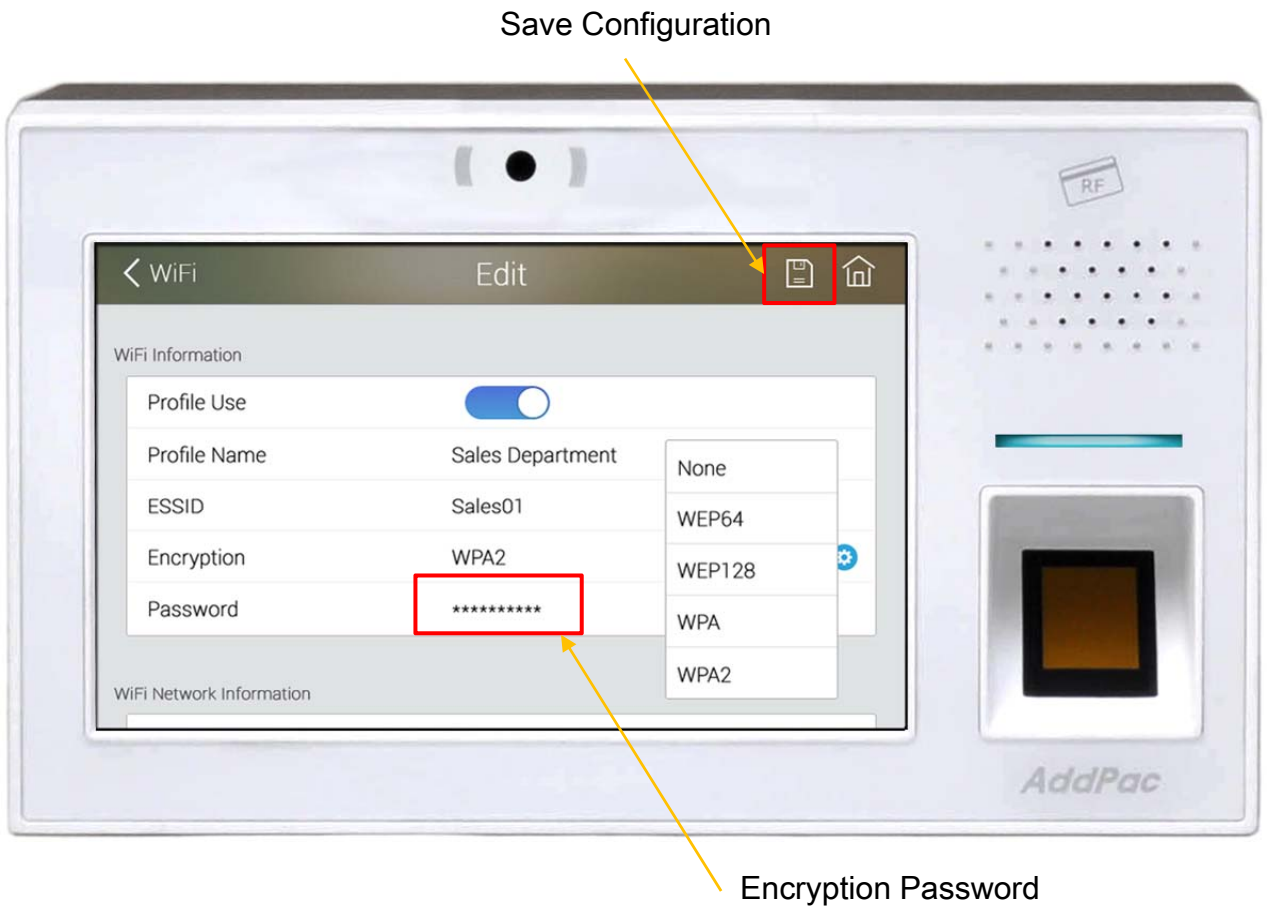
Set WiFi Profile

> Encryption Lists



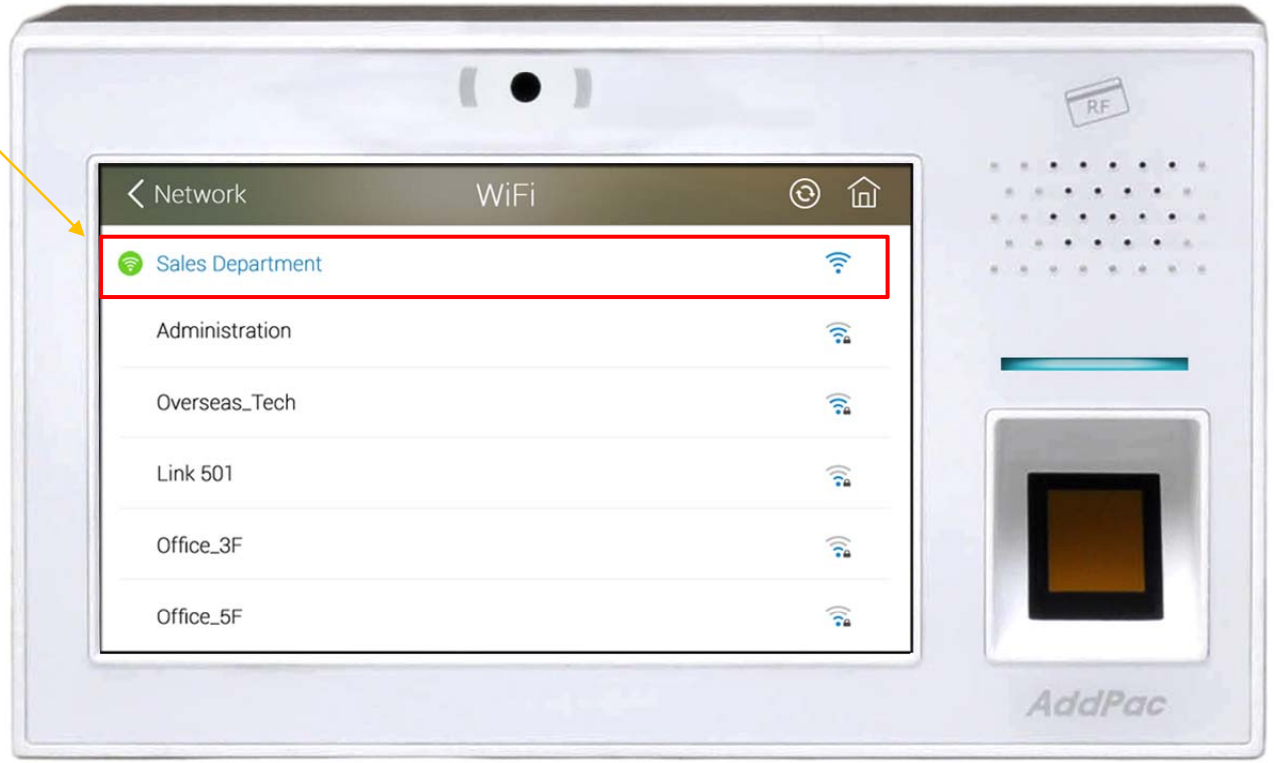
Set WiFi Profile

> Password



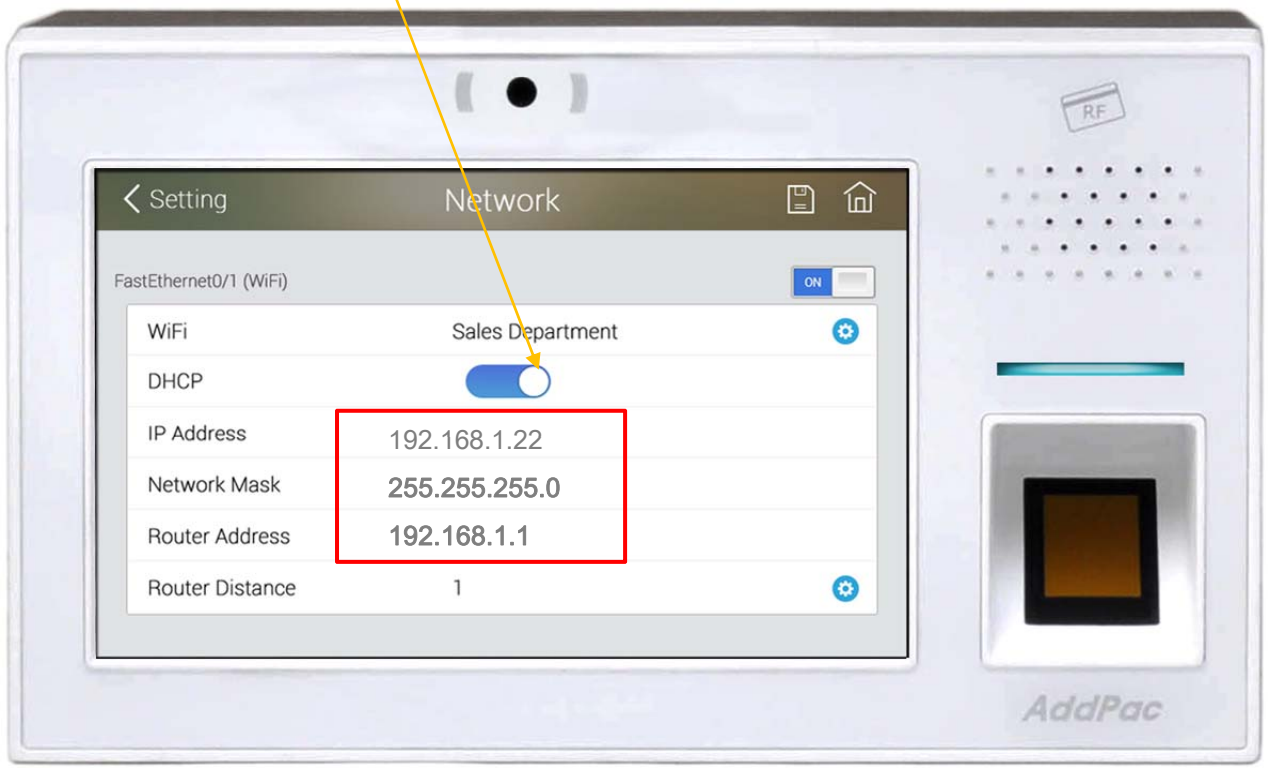
Search WiFi (with Selected AP)

Selected WiFi



WiFi Network Information

IP Address Information

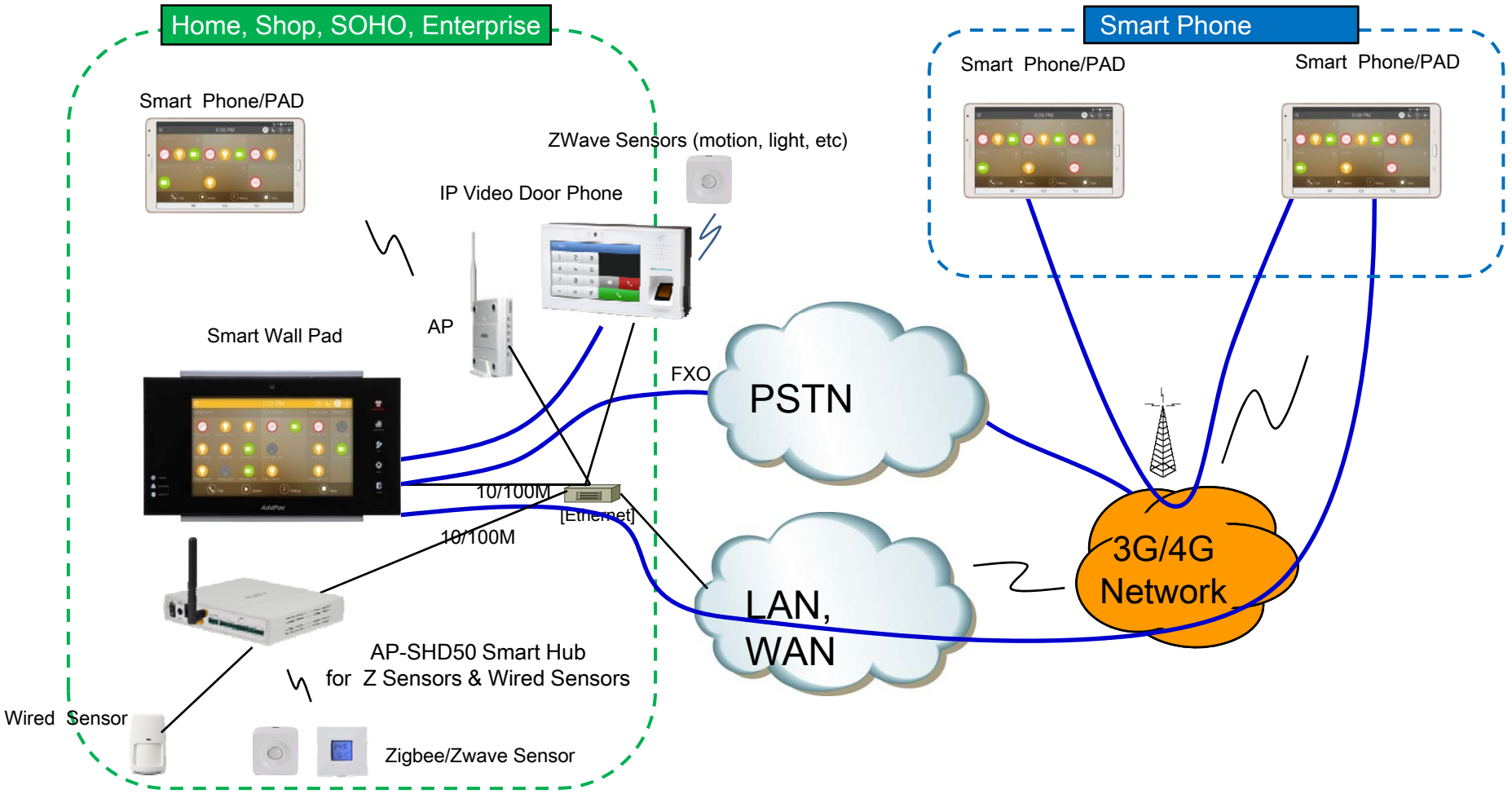


Optional IoT Service for Zwave Sensor Devices

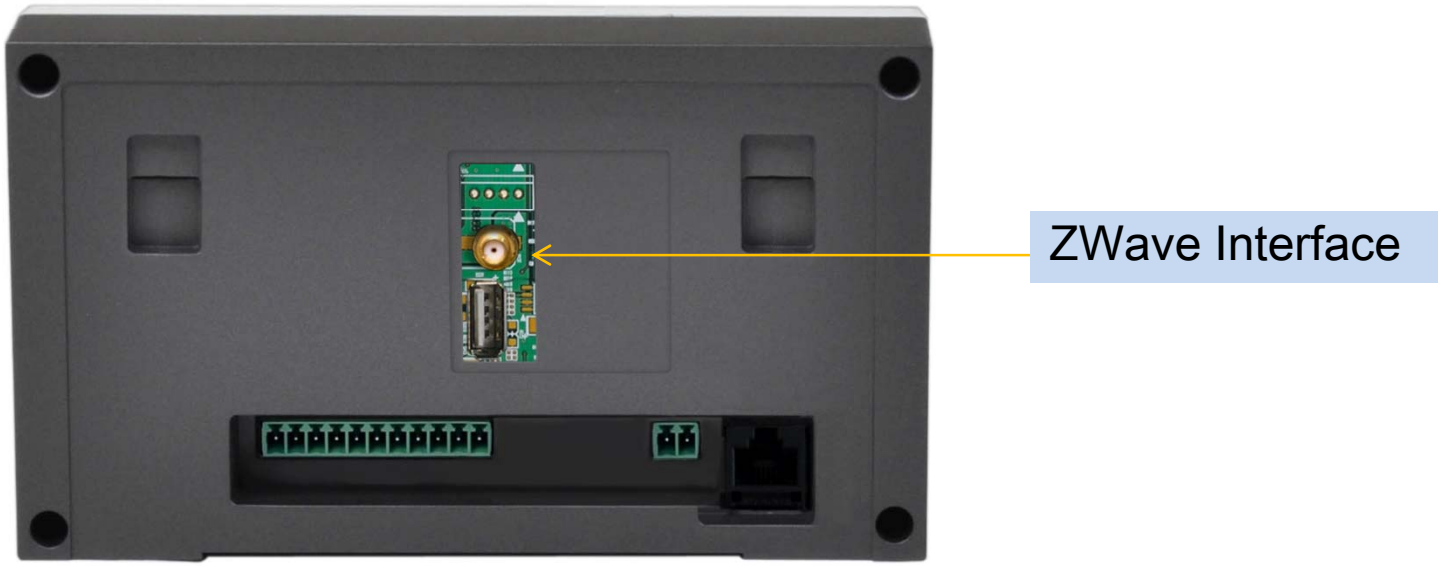
Contents

- AP-VAC150 IoT Network Service Diagram
- AP-VAC150 ZWave Interface
- AP-VAC150 IoT Service Overview

IoT Network Diagram



ZWave Interface



IoT Service Integration

- Various Zwave Sensor Interface Support
- Welcome Announcement and Display Function
- Security : Motion Sensor, Door Open Sensor, etc
- Safety : Fire Alarm Sensor, etc at Door Side

Thank you!

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