

# AP-TAC300 Time Attendance Door Access Controller

High Performance Time & Attendance Door Access Controller Solution



**AddPac**

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Sales and Marketing

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# Product Overview

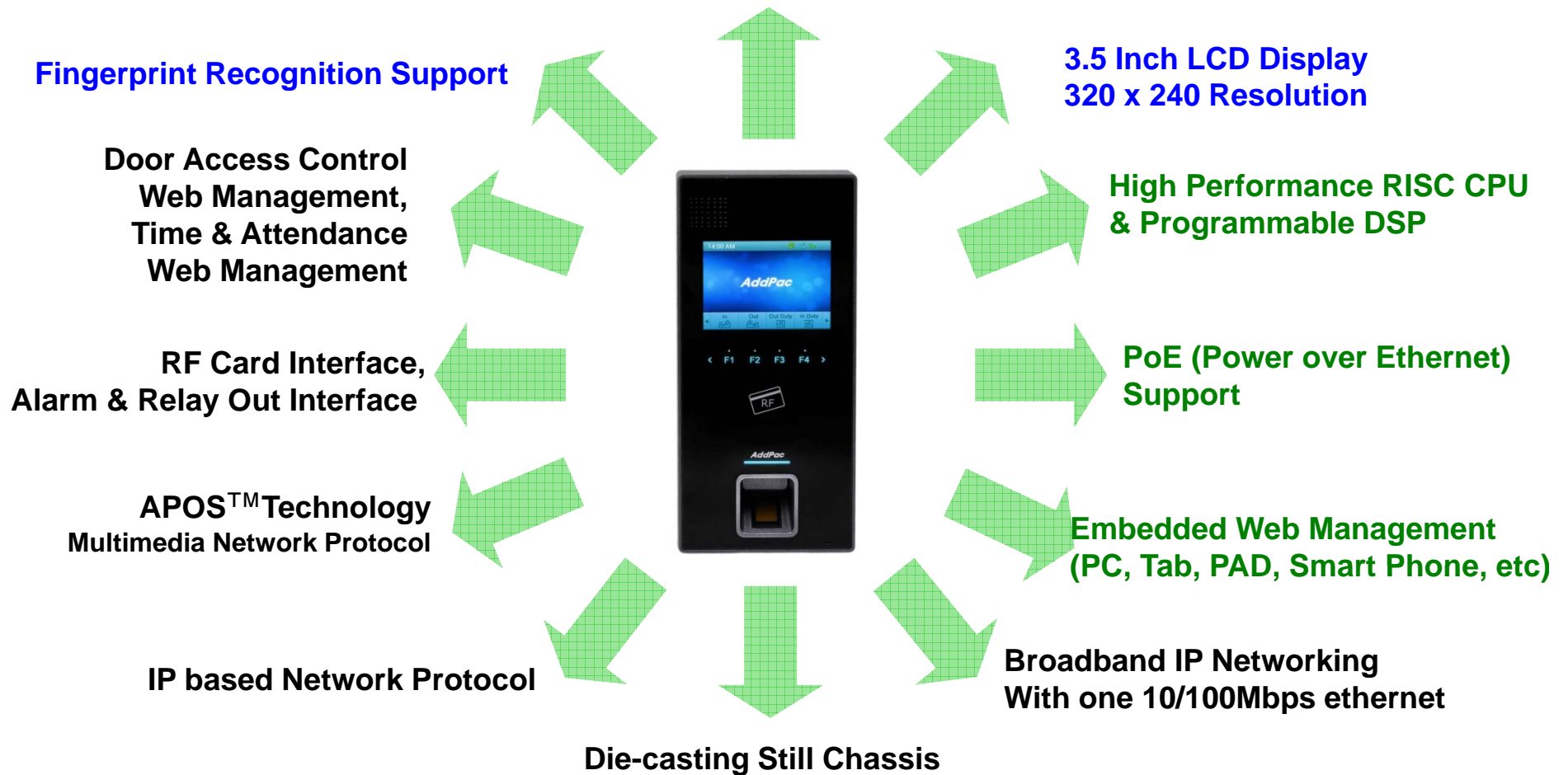
## AP-TAC300 Time & Attendance Door Access Controller

- Smart Time and Attendance Access Controller Solution
- High Performance Fingerprint Recognition Solution
- TFT Color LCD, Internal Speaker
- High Quality 3.5 Inch LCD, 320 x 240 Video Resolution
- RF Card Support
- One(1) 10/100Mbps Fast Ethernet
- PoE(Power over Ethernet) Support
- Powerful Network Protocols (PPPoE, DHCP, Static Routing, etc)
- Embedded Web based Management
- Master-Slave Mode based Multi-Terminal Support
- Smart Web Manager Support (PC, Tab, Smart Phone, etc)
- Smart Door Access Control Web Manager Support
- Smart Time and Attendance Web Manager Support
- Diecasting Still Chassis
- Firmware Upgradeable Architecture

# Product Highlights

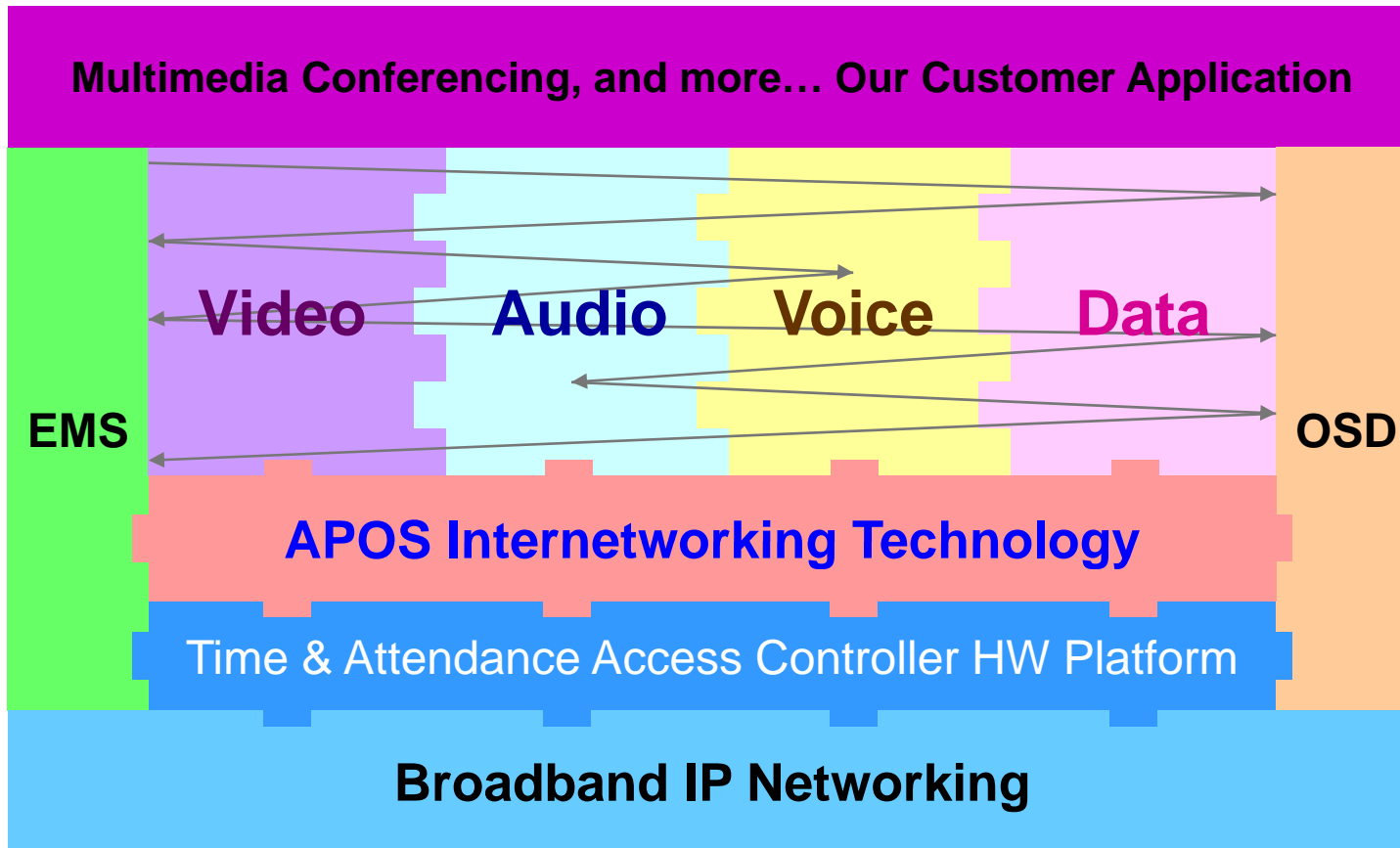
AP-TAC300 Time & Attendance Door Access Controller

## Smart Time and Attendance Controller



# Multimedia Service

AP-TAC300 Time & Attendance Door Access Controller



- APOS : AddPac Internetworking Operating System
- OSD : On- Screen Display
- EMS : Element Management System

# Hardware Specification

AP-TAC300 Time & Attendance Door Access Controller

RISC  
CPU

High-end  
DSP

- RISC+DSP Microprocessor Computing Power
- Audio and Voice Interface
  - Internal Speaker
- TFT Color LCD Interface
  - 3.5 Inch LCD, 320 x 240 Video Resolution
- Network Interface
  - One(1) 10/100Mbps Fast Ethernet
- Fingerprint Recognition Interface
- RF Card Interface
- Alarm & Relay Out Interface (door open, etc)
- RS232/RS485 Interface
- STILL Chassis
- Power Supply
  - Power over Ethernet (Option)
  - External Power Supply



# Hardware Specification

## AP-TAC300 Time & Attendance Door Access Controller

RISC  
CPU

High-end  
DSP

- **LCD Controller**
  - One-Chip Solution for amorphous TFT-LCD
  - Support resolution up to 240xRGBx320
  - Built-in 172800 bytes internal RAM
  - 6,8,16, and 18-bit RGB Interface
  - Resize Function ( x ½, x ¼)
  - On-Chip Power Management System
- **Speaker**
  - Impedance : 8 +-15%ohm at 1kHz, 1.0 Vrms
  - Sound Pressure : 90 +- 3dB at 0.1W/10 CM at 800Hz, 1.0kHz, 1.2kHz, 1.5kHz
  - Resonance Level : 550Hz +- 20%Hz at Fo Hz, 1.0Vrms
  - Frequency Range : Fo Hz ~20kHz
  - Input Power : Normal : 1.0 W, Max : 2.0W
- **Audio Amplifier**
  - 1-W BTL Output(5V, 0.11 % THD+N)
  - Uncompensated Gains of 2 to 20 (BTL Mode)
  - Thermal and Shot-circuit Protection
  - High Supply Ripple Rejection Ratio
- **PoE(Power over Ethernet)**
  - IEEE802.3af compliant,
  - Input voltage range 36V to 57V
  - Short-circuit Protection

# Hardware Specification

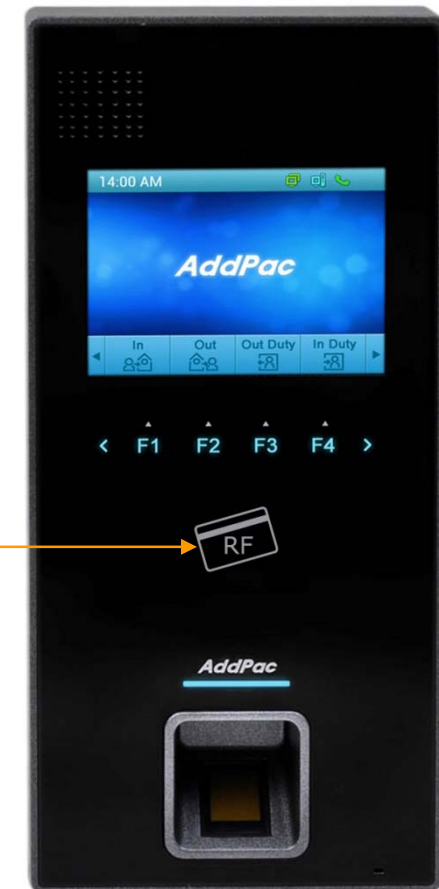
## AP-TAC300 Time & Attendance Door Access Controller

RISC  
CPU

High-end  
DSP

- RF Card Sensor
  - Protocol Supported
    - ISO14443A/B all bit rates
      - > 106,212,424 and 848 kbps
    - Compatible to MiFare Classic
    - ISO15693 all modes
      - > 1.65/6.6 & 26.5 kbps
      - > Uplink 1 & 2 sub-carrier
  - Receiver
    - Rx Sensitivity down to 1mVrms
    - Rx Automatic Gain Control
    - Accept external baseband signal from external circuitry for frame level processing
    - Integrated signal strength indicator (SSI)
    - On-Chip Framing handler for supported standard
  - Transmitter
    - Typical proximity operating distance up to 100mm.
    - Software configurable modulation index
    - Maximum driving current up to 200 mA/PIN @ 5V
    - Accept external baseband signal for RF modulation
    - Wide Transmitter driver supply range from 2.7~7.0V

RF Card Sensor





# Hardware Specification

AP-TAC300 Time & Attendance Door Access Controller

RISC  
CPU

High-end  
DSP

- Fingerprint Recognition
  - Sensor Type : Capacitive
  - Resolution(dpi) : 508
  - Sensing Area(mm) : 12.8 x18.0
  - Image Size(pixel) : 256 x 360
  - CPU : 400MHz DSP
  - Flash Memory : 4MB
  - ERR : < 0.1%
  - Enrollment Time : 800msec
  - 1:1 Verification Time : 800msec
  - 1:1000 Identification Time : 970msec
  - Template Size : 256~384bytes (configurable, 384bytes default)
  - Template Capacity : 9,000
  - Encryption : 256bit AES



Fingerprint Recognition

# Hardware Specification

AP-TASC00 Time & Attendance Door Access Controller

RISC  
CPU

High-end  
DSP

Front Side

Internal Speaker



TFT LCD Display

Time & Attendance Menu

Function & Direction Key

RF Card Sensor

Status LED

Fingerprint  
Recognition

STILL Chassis

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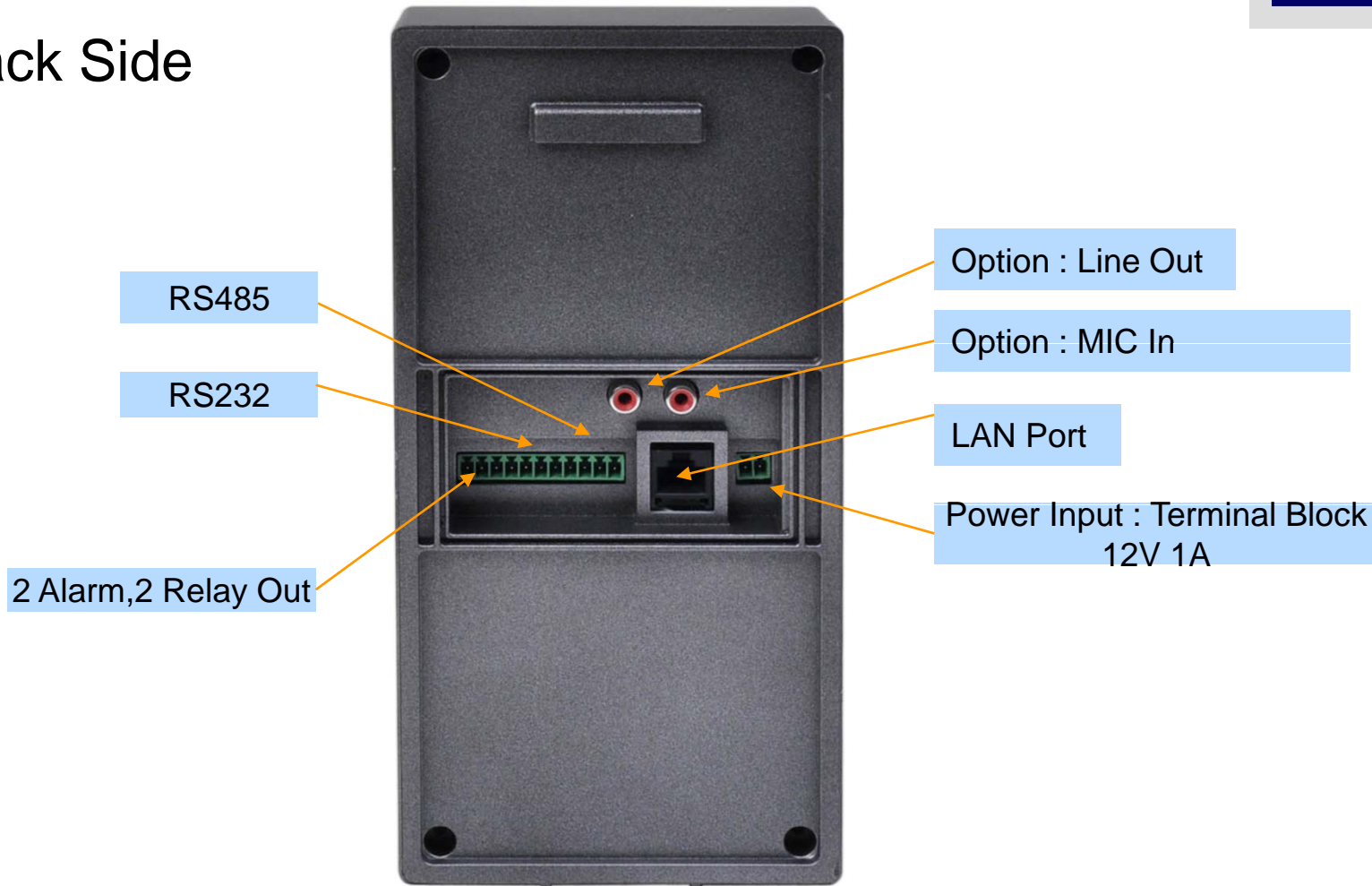
# Hardware Specification

AP-TAC300 Time & Attendance Door Access Controller

RISC  
CPU

High-end  
DSP

## Back Side



# Hardware Specification

AP-TAC300 Time & Attendance Door Access Controller

RISC  
CPU

High-end  
DSP

## Power Supply

Terminal Block



12V 1A Power Adaptor

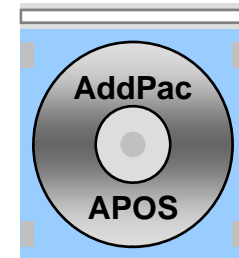
Example



# Software Service

AP-TAC300 Time & Attendance Door Access Controller

- Built-in AddPac APOS Internetworking Software
  - Scalability, Functionality, and Stability Features
- Firmware Upgradeable DSP Architecture
- OSD (On-screen Display) Function Support
- Industry Standard IP based Network Protocol Features
- Embedded Web Server
- Advanced Door Access Control Software





# Smart Web Manager (Example)

# Smart Web Manager

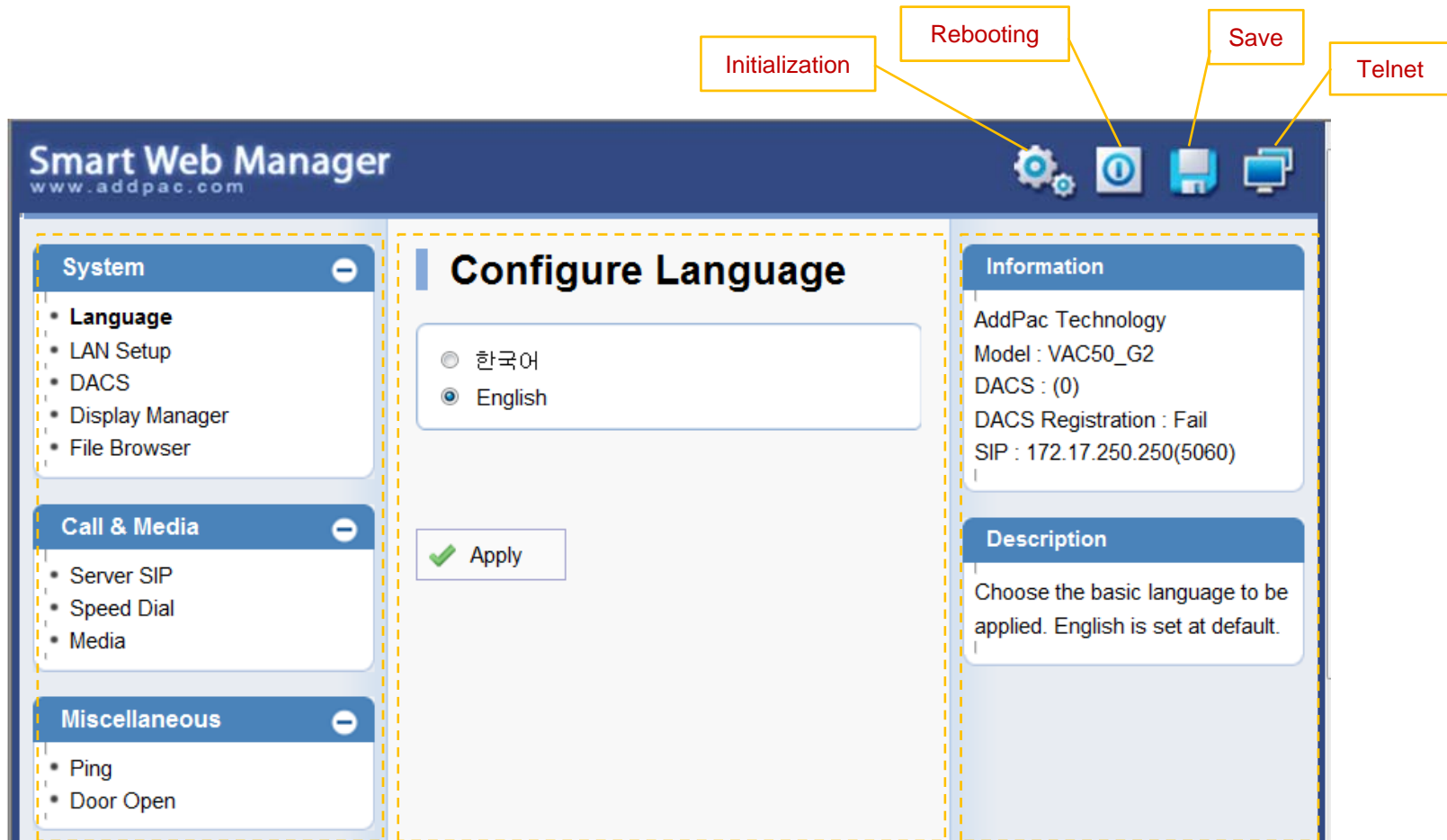
AP-TAC300 Time & Attendance Door Access Controller

- Main Screen
- System
  - Language
  - LAN Setup
  - DACS
  - Display
  - File Browser
- Miscellaneous
  - Door Control and Test
  - Network Test



# Smart Web Manager : Main Screen

AP-TAC300 Time & Attendance Door Access Controller



Menu Tree

Output Screen after  
Menu Select

System Information and  
Help Message

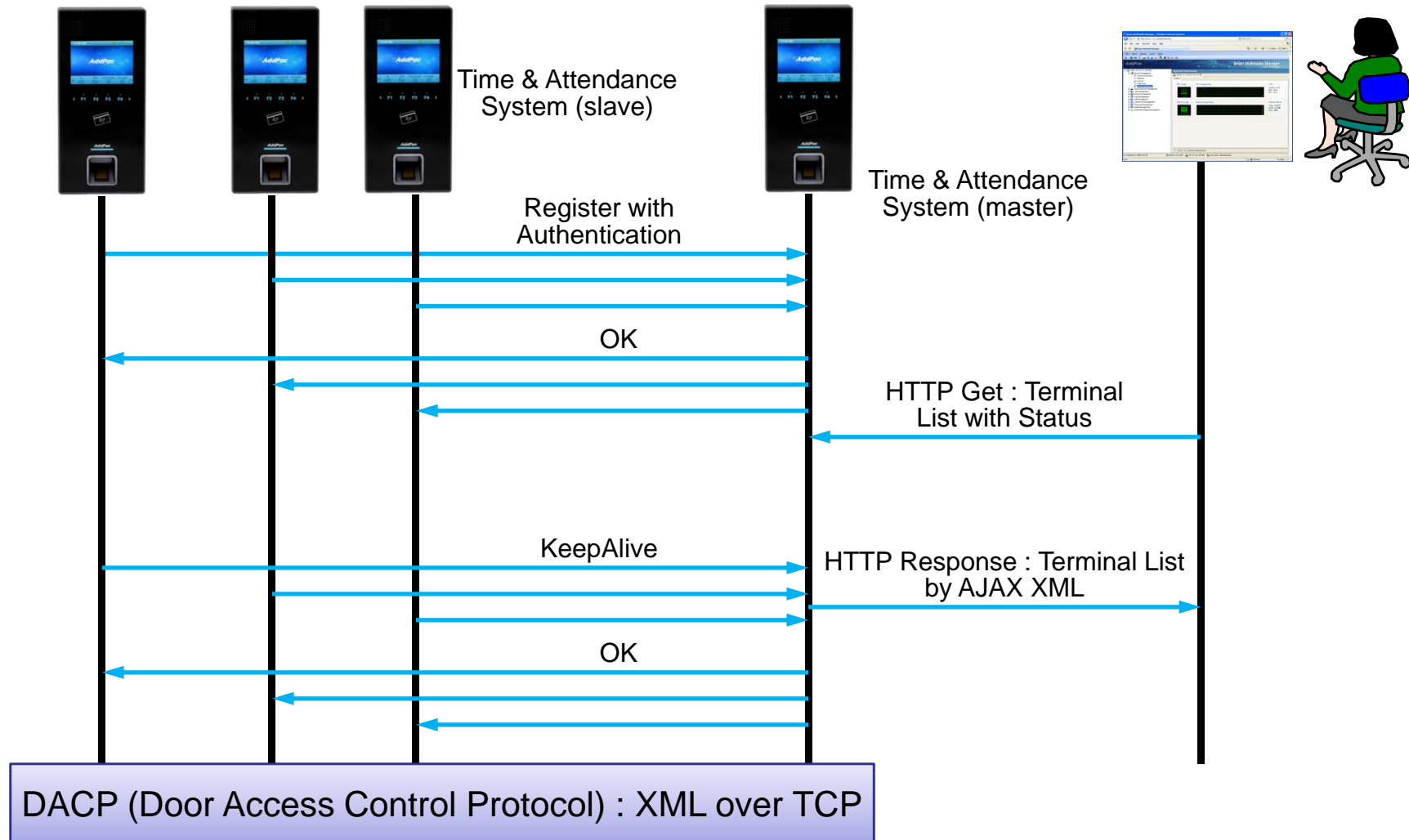




# Time & Attendance System Message Flow

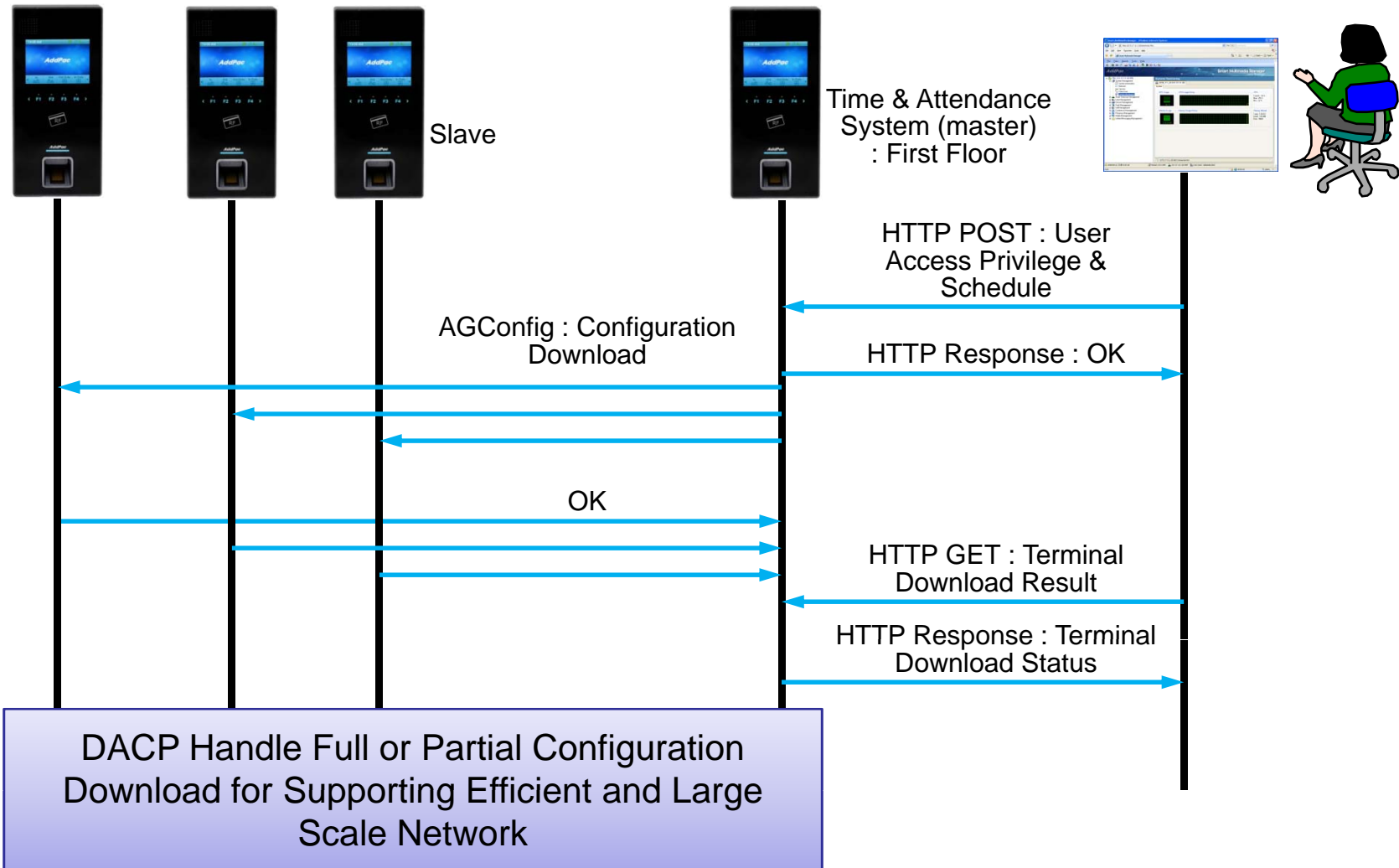
# Time & Attendance System Message Flow

## Registration and KeepAlive



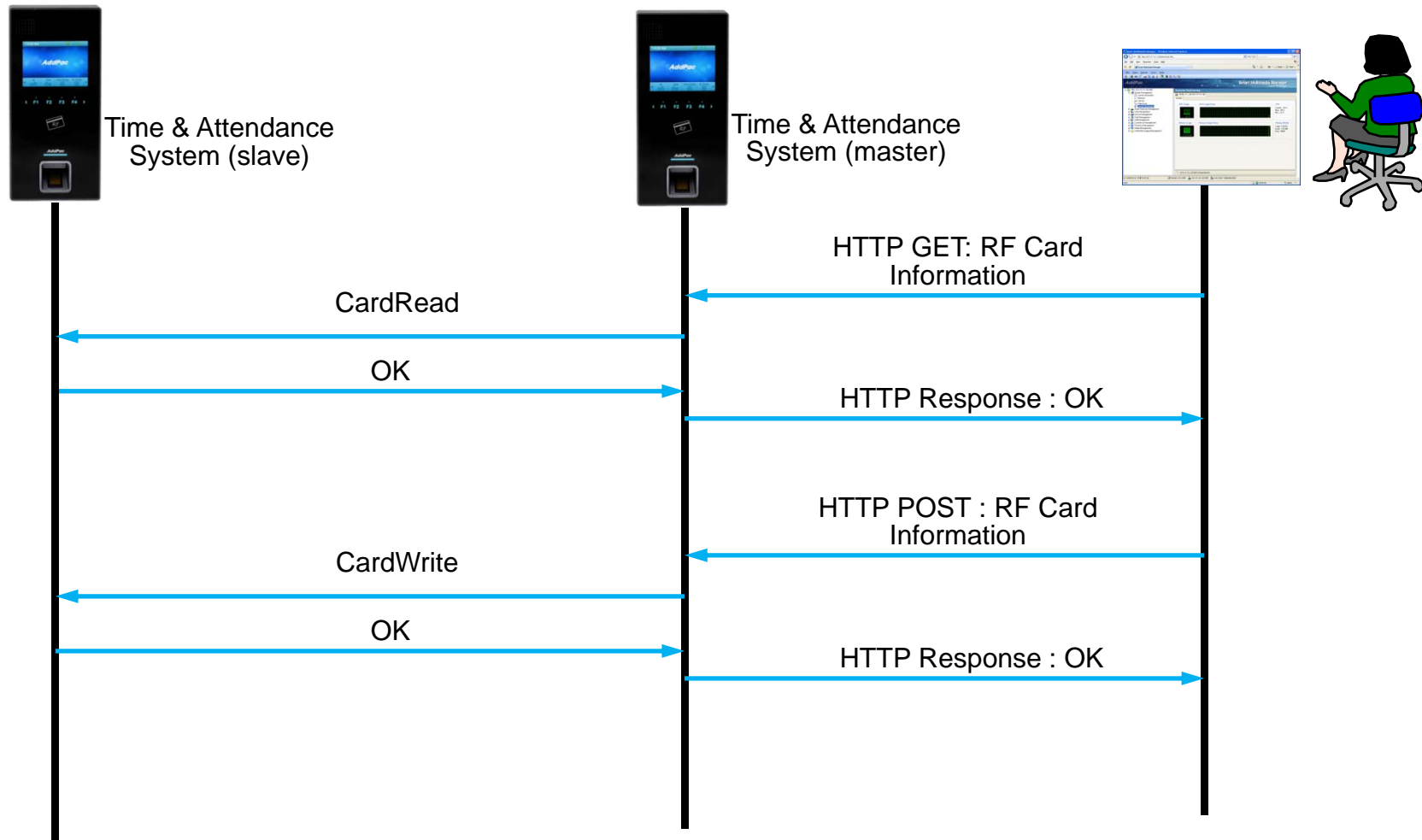
# Time & Attendance System Message Flow

## Access Privilege and Schedule Download



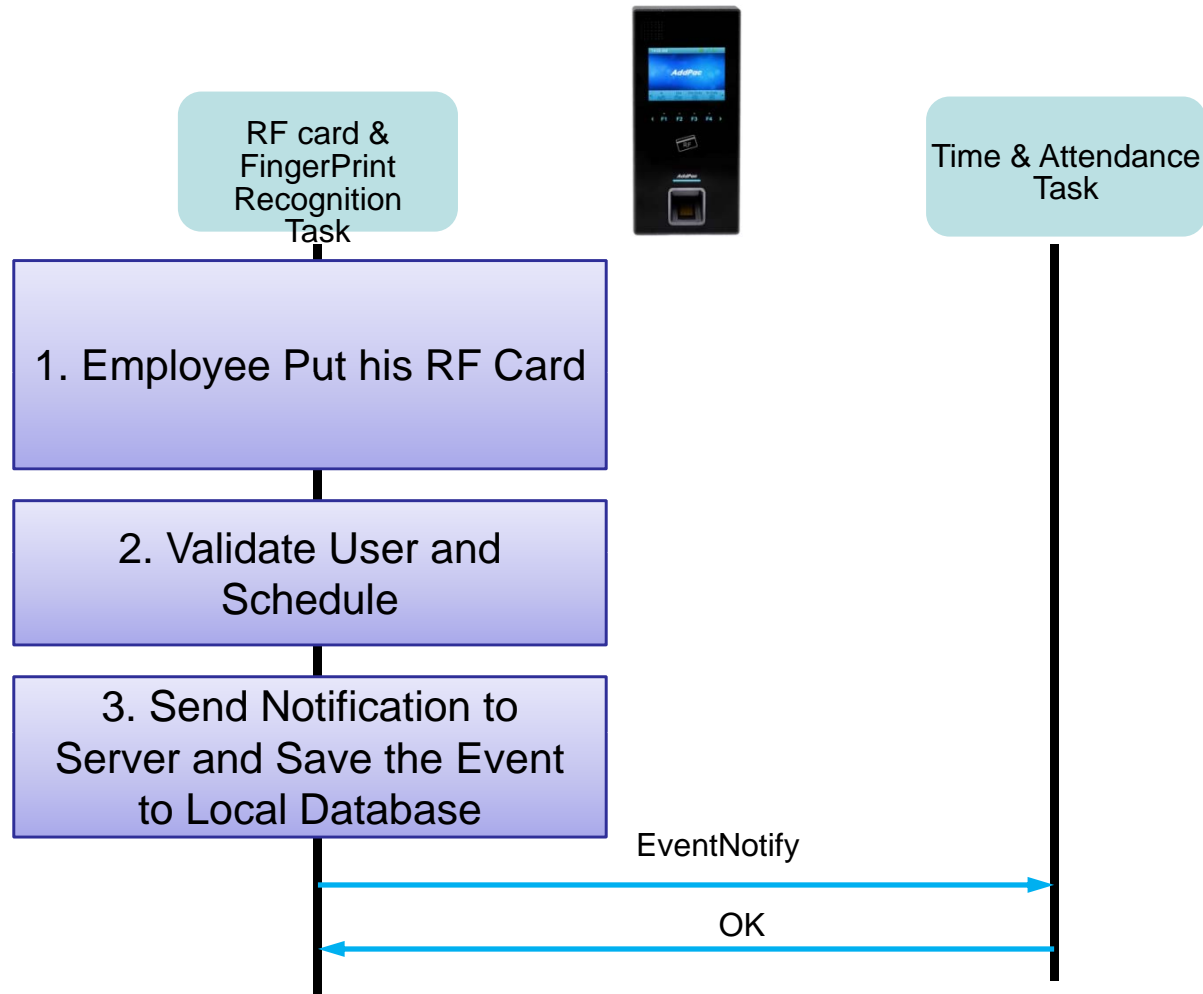
# Time & Attendance System Message Flow

## RF Card Read/Write and Registration



# Time & Attendance System Message Flow

## Door Open by RF Card





# Door Access Control Manager for AP-TAC300

# DACS (Door Access Control System)

Login page

The screenshot shows a web browser window with the URL `172.16.1.19/index.php`. The page title is "Door Access Control System". The main content area features the "AddPac Door Access Control System" logo and a login form with fields for "Administrator ID" (containing "root") and "Password" (masked with dots). Below the form are two buttons: "Door Access Control Manager" and "Time and Attendance Manager".

Annotations on the screenshot:

- A yellow box at the top contains the text: "You can log on 'Door Access Control Manager' or 'Time and Attendance Manager' if license is valid and administrator have authentication right". A yellow arrow points from this box to the login form.
- A blue box on the left contains the text: "Log on to Door Access Control Management". A blue arrow points from this box to the "Door Access Control Manager" button.
- A blue box on the right contains the text: "Log on to Time and Attendance Management". A blue arrow points from this box to the "Time and Attendance Manager" button.

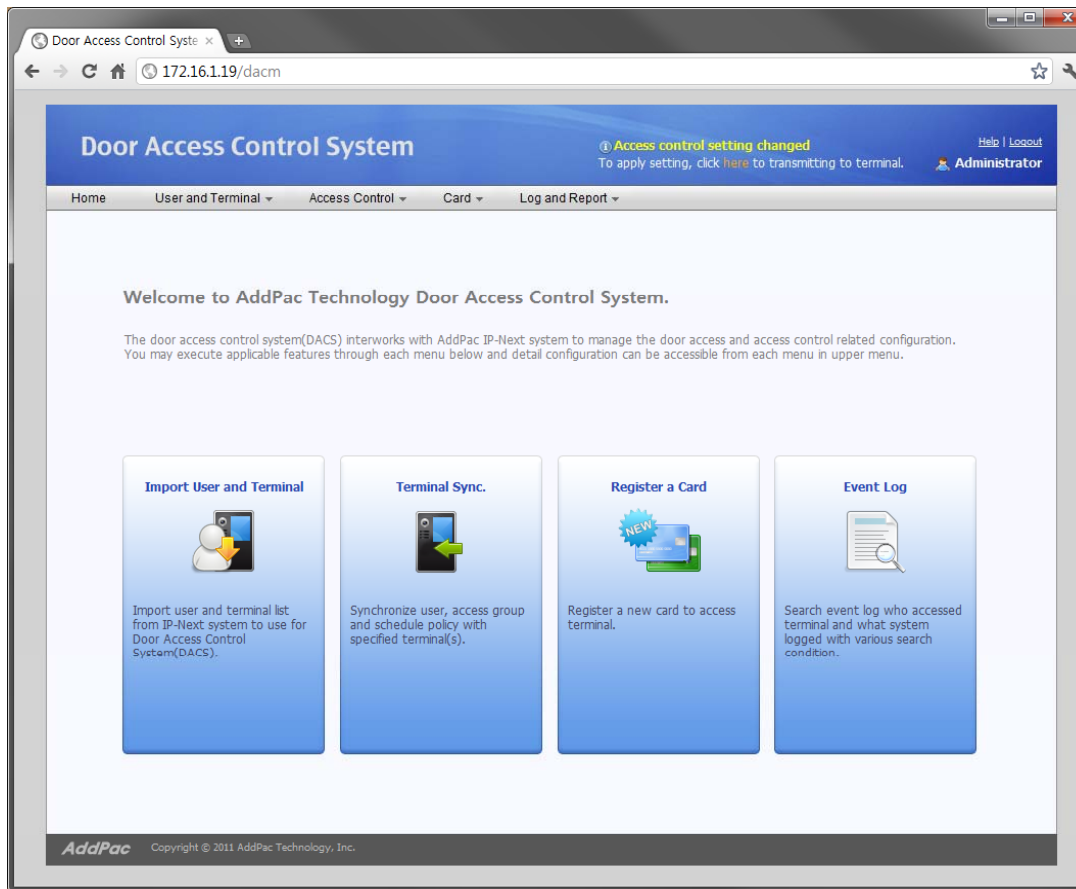


# Door Access Control Web Manager Software (DACM)



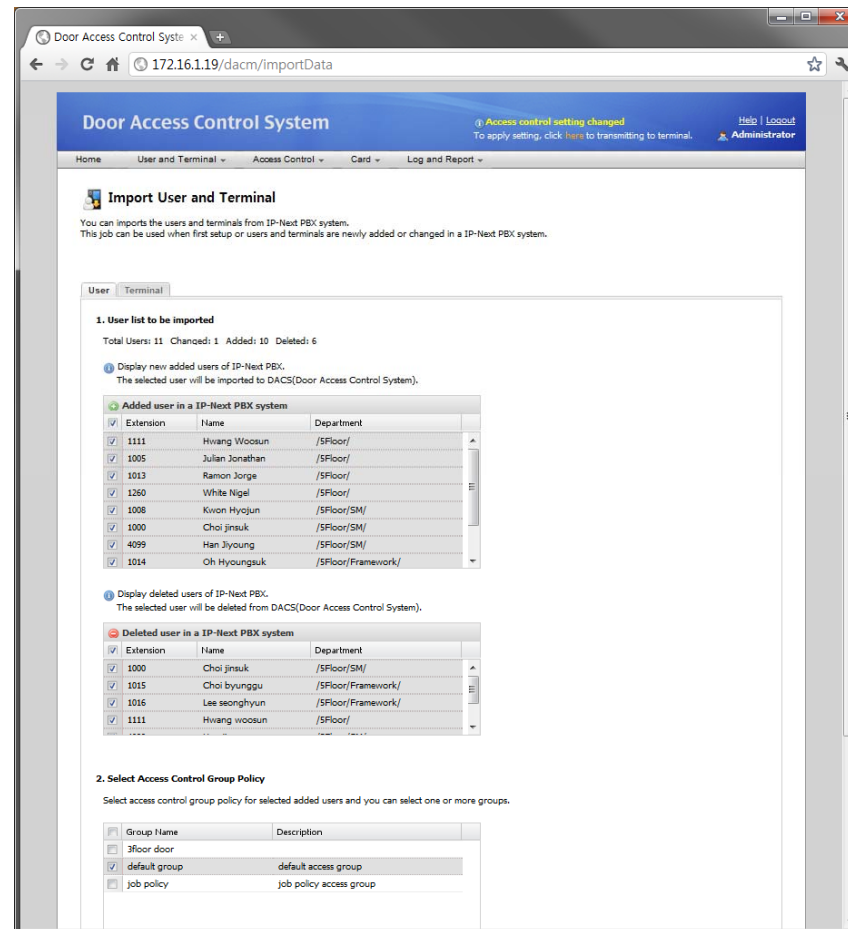
# DACM (Door Access Control Manager)

## Main Web Page



# DACM (Door Access Control Manager)

## Import User and Terminal



# DACM (Door Access Control Manager)

## User List

## User List

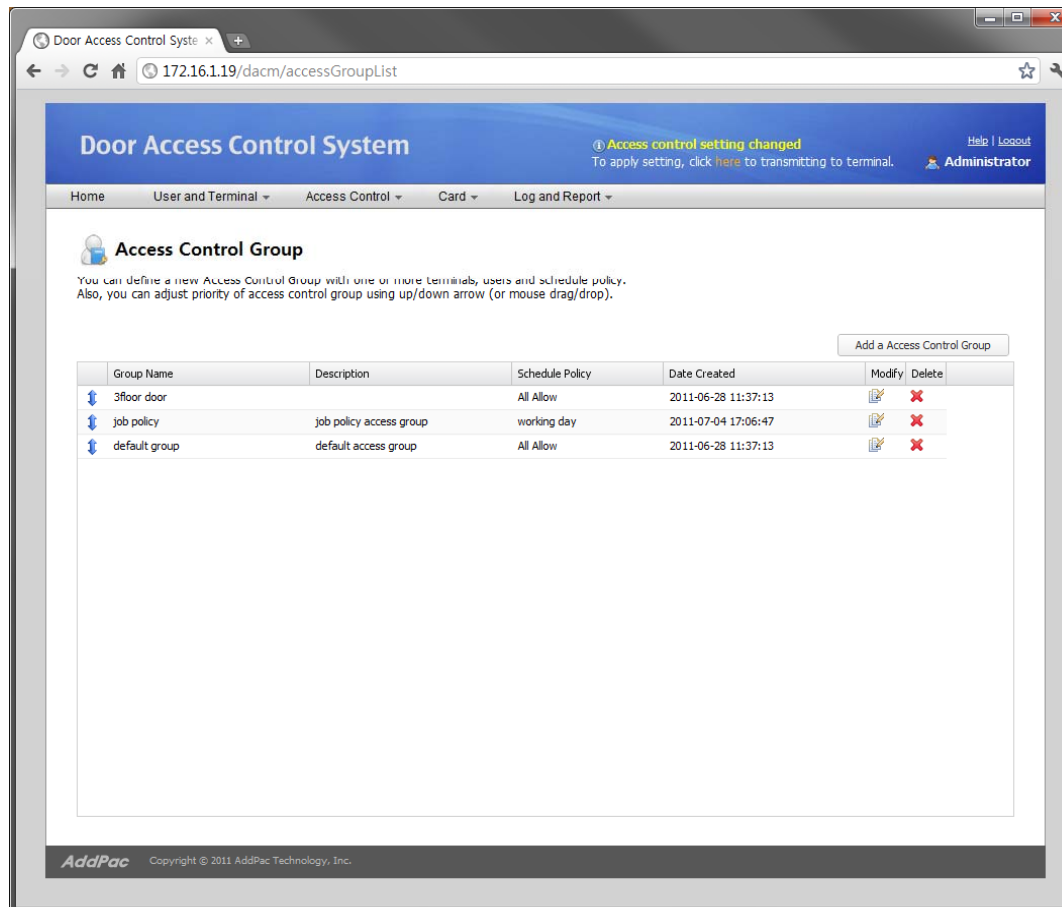
The screenshot shows a web browser window displaying the 'Door Access Control System' user list. The page title is 'Door Access Control System' and the URL is '172.16.1.19/dacm/userList'. A notification at the top right states 'Access control setting changed' with a link to 'here' and a 'Logout' button. The user is logged in as 'Administrator'. The main content area is titled 'User List' and includes a search bar with a dropdown menu set to 'All Users' and an 'Import User' button. Below the search bar is a table with the following data:

|   | Extension | Name          | Department         | Access Policy | Date Created        | Modify | Delete |
|---|-----------|---------------|--------------------|---------------|---------------------|--------|--------|
| 1 | 1000      | Choi jinsuk   | /SFloor/SM/        | Access Allow  | 2011-07-22 15:50:01 |        |        |
| 2 | 1008      | Kwon hyojun   | /SFloor/SM/        | Access Allow  | 2011-07-22 15:50:00 |        |        |
| 3 | 1014      | Oh hyongsuk   | /SFloor/Framework/ | Access Allow  | 2011-07-22 15:50:01 |        |        |
| 4 | 1015      | Choi byunggu  | /SFloor/Framework/ | Access Allow  | 2011-07-22 15:50:01 |        |        |
| 5 | 1016      | Lee seonghyun | /SFloor/Framework/ | Access Allow  | 2011-07-22 15:50:01 |        |        |

At the bottom of the page, there is a pagination control showing 'Page 1 of 1' and a 'Total: 5' indicator. The footer contains the 'AddPac' logo and 'Copyright © 2011 AddPac Technology, Inc.'

# DACM (Door Access Control Manager)

## Access Control Group Management



# DACM (Door Access Control Manager)

## Configuration Download to Terminal

Door Access Control System

Access control setting changed  
To apply setting, click [here](#) to transmitting to terminal.

Help | Logout  
Administrator

Home User and Terminal Access Control Card Log and Report

### Terminal Sync.

Synchronize user, access group and schedule policy with selected terminals.  
Default checked terminals have updated configurations need to be synchronized.

| <input checked="" type="checkbox"/> | Terminal Name          | IP Address  | Connection Status | Sync Status          |
|-------------------------------------|------------------------|-------------|-------------------|----------------------|
| <input checked="" type="checkbox"/> | 2floor door terminal   | 172.16.10.4 | Connected         | Not yet synchronized |
| <input checked="" type="checkbox"/> | 3floor door terminal   | 172.16.10.1 | Connected         | Not yet synchronized |
| <input checked="" type="checkbox"/> | 5floor door terminal   | 172.16.10.2 | Connected         | Not yet synchronized |
| <input checked="" type="checkbox"/> | The main entrance door | 172.16.10.3 | Connected         | Not yet synchronized |

To synchronize with selected terminal above, select 'Sync' button below. Select 'Cancel' button to cancel.

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# DACM (Door Access Control Manager)

## RF Card Management

The screenshot shows a web browser window with the URL `172.16.1.19/dacm/cardList`. The page title is "Door Access Control System". A notification banner at the top right states "Access control setting changed" and provides instructions to apply settings. The user is logged in as "Administrator". The main content area is titled "Card List" and includes a search bar with a dropdown menu set to "All card" and a "Search" button. A "Register a Card" button is also present. Below the search bar is a table with the following data:

| Serial Number | Extension | Username | Status      | Description                                   | Date Created                | Modify              | Delete |
|---------------|-----------|----------|-------------|---|-----------------------------|---------------------|--------|
| 1             | 4000238   | 1008     | Kwon hyojun | <input checked="" type="checkbox"/> Specified | Temporary cards are issued. | 2011-07-08 15:59:03 |        |
| 2             | 123456789 |          |             | <input type="checkbox"/> Unspecified          |                             | 2011-07-22 16:17:04 |        |

At the bottom of the page, there is a pagination control showing "Page 1 of 1" and a "Total: 2" indicator. The footer contains the "AddPac" logo and copyright information: "Copyright © 2011 AddPac Technology, Inc."

# DACM (Door Access Control Manager)

## Fingerprint Management

The screenshot shows the 'Door Access Control Manager' web interface. The browser address bar displays '172.17.216.250/webapps/dacm/updateUser/1007'. The page title is 'Door Access Control Manager'. A notification banner at the top right states: 'Access control setting changed. To apply setting, click here to transmitting to terminal.' The user is logged in as 'root'. The navigation menu includes: Home, User and Terminal, Access Control, Card, and Log and Report.

The main content area is titled 'User Information and Policy' and contains a '1. Profile' section with the following fields:

- Extension Number: 1007 (2~12 digits)
- First Name: [Empty]
- Last Name: 최진석 선임
- Position: [Empty]
- Department: /5F/Smart work/Smart Manage
- E-Mail: jschoi@addpac.com
- Home Phone: [Empty]
- Mobile Phone: 01026339101
- Card Serial Number: 32480D32 (with 'Register a Card' button)
- Fingerprint 1 Serial Number: 27\_1 (with 'Fingerprint Scan' and 'Delete' buttons)
- Fingerprint 2 Serial Number: 27\_2 (with 'Fingerprint Scan' and 'Delete' buttons)

The fingerprint management section is highlighted with a red dashed box. Below the fingerprint fields is a 'Picture' field with a placeholder image of a person.


# DACM (Door Access Control Manager)

## Access Log Management

The screenshot shows a web browser window displaying the 'Door Access Control System' interface. The page title is 'Door Access Control System' and the URL is '172.16.1.19/dacm/eventLog'. The user is logged in as 'Administrator'. A notification banner at the top right states 'Access control setting changed' with a link to 'Apply setting, click here to transmitting to terminal.' The main content area is titled 'Event Log' and includes a search filter section with fields for 'Duration' (11-07-10 to 11-08-09), 'User Extension Number', and 'Event Level' (set to 'Error'). Below the search filters is a table of event logs with columns for 'Time', 'Level', 'User Extension', and 'Event'. The table contains 7 entries. At the bottom of the page, there is a pagination control showing 'Page 1 of 1' and a total count of 'Total: 7'. The footer includes the 'AddPac' logo and copyright information: 'Copyright © 2011 AddPac Technology, Inc.'

|   | Time                | Level       | User Extension | Event                                  |
|---|---------------------|-------------|----------------|--|
| 1 | 2011-07-15 10:27:27 | Warning     | 1000           | authentication failure                 |
| 2 | 2011-07-15 11:25:27 | Notice      | 1000           | registration success                   |
| 3 | 2011-07-15 12:21:27 | Notice      | 1200           | registration success                   |
| 4 | 2011-07-16 09:27:27 | Information | 1201           | door opened                            |
| 5 | 2011-07-16 11:27:27 | Information | 1007           | registration success                   |
| 6 | 2011-07-16 17:12:00 | Notice      |                | security profile downloading completed |
| 7 | 2011-07-17 18:00:00 | Notice      |                | system started                         |





# Time Attendance Web Manager Software (TAAM)

# TAAM (Time and Attendance Manager)

## Daily Attendance Rules

**shows In ( office-in time ), Out ( office-out time) and Regular working time, for example 9 hours**

**This day rule can be used in the monthly rule for sunday through saturday each.**

| Name                  | Description                    | In    | Out   | Regular Hour | Date Created       |
|-----------------------|--------------------------------|-------|-------|--------------|--------------------|
| 1 default rule        | default daily rule             | 09:00 | 18:00 | 9 hr         |                    |
| 2 Factory First Rule  | Factory first daily work rule  | 08:00 | 20:00 | 12 hr        | 2011-11-07 14:32:2 |
| 3 Factory Second Rule | Factory second daily work r... | 20:00 | 08:00 | 9 hr         | 2011-11-07 14:33:1 |

**1. Daily Rule**  
Defines rule for work start time(in), work end time(out) and regular hour of the day. Day start time is used as basis of the day.

Rule Name\*   
Description   
Day Start Time 06:00  
In 09:00  
Out 18:00  
Regular Hour 9 Hour

**2. Allowable time and overtime**

For Late 10 Min.  
Leaving Work Early 10 Min.  
Minimum Overtime 2 Hour

To apply this features, please select 'Add' or 'Apply' button. To cancel, Select 'Cancel' button.

# TAAM (Time and Attendance Manager)

## Monthly Attendance Rules

**Door Access Control System**

Home User and Terminal Access Control Card Time and Attendance Log and Report

### Monthly Attendance Rule

1. Monthly Rule

Defines day off or work day from starting first week to sixth week of the month. Each day of the week can be applied to daily-based attendance rule.

Rule Name\*

Description

1st week: Sun Mon Tue Wed Thu Fri Sat

2nd week: Sun Mon Tue Wed Thu Fri Sat

3rd week: Sun Mon Tue Wed Thu Fri Sat

4th week: Sun Mon Tue Wed Thu Fri Sat

5th week: Sun Mon Tue Wed Thu Fri Sat

6th week: Sun Mon Tue Wed Thu Fri Sat

\*Clicked: Full Day Off \*Non-Clicked: Work Day

Sunday: N/A

Monday: N/A

Tuesday: N/A

Wednesday: N/A

Thursday: N/A

Friday: N/A

Saturday: N/A

2. Holiday Rule

Defines rule for non-working day such as national holiday, user defined holiday in the day template.

| Day Template List |                             |
|-------------------|-----------------------------|
| Name              | Description                 |
| public holiday    | public holiday description  |
| company holiday   | company holiday description |

| List of applied Day Templates |             |
|-------------------------------|-------------|
| Name                          | Description |

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# TAAM (Time and Attendance Manager)

## Business Trip and Vacation

The screenshot shows the 'Business Trip and Vacation' page in the TAAM system. The page title is 'Time and Attendance Manager' and the user is logged in as 'root'. The page contains a table with two rows of data. A dashed yellow box highlights the 'User', 'Type', 'Start', and 'End' columns of the table. Three yellow callout boxes provide additional information:

- one or more user can be specified for each business trip and vacation rule.
- Extension user will be not processed as absentee between start day and end day, also log as user-defined time attendance code
- user-defined time and attendance code for attendance report or log correction

| Name | Description       | User                | Type          | Start      | End        | Date Created      | Modify | Delete |
|------|-------------------|---------------------|---------------|------------|------------|-------------------|--------|--------|
| 1    | Rusia Business... | Total 2 includin... | Business trip | 2011-09... | 2011-10... |                   |        |        |
| 2    | Summer Vacati...  |                     | Vacation      | 2011-08... | 2011-08... | 2011-10-12 07:... |        |        |

Page 1 of 1 Total: 2

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# TAAM (Time and Attendance Manager)

## Time and Attendance Codes

Door Access Control System x  
172.16.1.19/dacm/timeAttendanceCodeList

Time and Attendance Manager  
Mon Nov 7 14:44:06 2011  
Help | Logout  
root

Home Policy Trip and Vacation Report Configuration Report View

**Time and Attendance Codes**  
Shows list of user defined attendance code which can be used as correction in the attendance report.

Add a Code

| Name                | Description              | Date Created        | Modify | Delete |
|---------------------|--------------------------|---------------------|--------|--------|
| 1 Unknown           |                          |                     |        |        |
| 2 Not yet defined   |                          |                     |        |        |
| 3 Late In           |                          |                     |        |        |
| 4 Early Out         |                          |                     |        |        |
| 5 Absence           |                          |                     |        |        |
| 6 Late In/Early Out |                          |                     |        |        |
| 7 Normal            |                          |                     |        |        |
| 8 Vacation          |                          |                     |        |        |
| 9 Business trip     |                          |                     |        |        |
| 10 Sick Leave       | Sick Leave code by admin | 2011-11-07 14:44:15 |        |        |

system built-in time and attendance code is provided as default, for example late-in, early-out and absence

show built-in and user-defined time and attendance code which will be used in the attendance report and log correction

only user-define code can be removed if needed

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# TAAM (Time and Attendance Manager)

## Delivery Policy for Attendance Report

**1. Report Policy**  
Defines email delivery policy for manager or each user to receive daily, monthly attendance report.

Send reports to the particular person every day at 08:00

Send reports to the particular person at specific day ( 28 ) of every month.

**User List**  
Search Field: Last Name

| Name           | Department | Extension |
|----------------|------------|-----------|
| batista Eike   | /2F/       | 1000      |
| Stefan Persson | /2F/       | 1016      |

Send personal monthly report to each user.

**2. SMTP Server**  
You can specify sending email server(SMTP) configurations.

SMTP Server: 61.33.161.2

Sender Email Address: dacs\_admin@company.com

Server Authentication Required

User ID: admin

Password: \*\*\*\*

To apply this features, select 'Apply' or 'Cancel'

Apply Cancel

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manager level users ( extension ) list who want to receive daily and monthly attendance report

if checked, system will send personal attendance report of each month to extension user

# TAAM (Time and Attendance Manager)

## Attendance Report by Date

**Time and Attendance Manager**  
Mon Nov 7 14:52:05 2011  
Help | Logout  
root

Home Policy Trip and Vacation Report Configuration Report View

**Attendance Report by Date**  
Shows attendance log for each user and summary information with specified day.

Select Date : 2011-10-19  
Select Department : All

**Attendance Report by Date (2011-10-19)**

attendance summary for each time and attendance code with specified date

| Type      | Count |
|-----------|-------|
| Late In   | 1     |
| Early Out | 1     |
| Normal    | 10    |

administrator may adjust or correct attendance log which system have processed if necessary

| Username           | Department        | In       | Out      | Overtime | Office Hc | Result    | Correction Ti | Correct |
|--------------------|-------------------|----------|----------|----------|-----------|-----------|---------------|---------|
| 1 Eike batista     | smart management팀 | 08:05:00 | 18:05:00 | 0 hr     | 10:0...   | Normal    |               |         |
| 2 Bill Gates       | multimedia팀       | 09:15:00 | 17:15:00 | 0 hr     | 08:0...   | Normal    | 2011-11-...   |         |
| 3 Larry Ellison    | multimedia팀       | 09:00:00 | 18:00:00 | 0 hr     | 09:0...   | Normal    |               |         |
| 4 karl Albrecht    | smart framework팀  | 09:00:00 | 17:00:00 | 0 hr     | 08:0...   | Early Out |               |         |
| 5 Carlos Slim Helu | smart management팀 | 09:10:00 | 19:10:00 | 0 hr     | 10:0...   | Normal    |               |         |
| 6 Lakshmi Mittal   | multimedia팀       | 09:00:00 | 18:00:00 | 4 hr     | 09:0...   | Normal    |               |         |
| 7 Christy Walton   | smart framework팀  | 09:00:00 | 18:00:00 | 0 hr     | 09:0...   | Normal    |               |         |

# TAAM (Time and Attendance Manager)

## Attendance Report Excel Export

| <b>Attendance Report by Date (2011-10-19)</b> |                  |          |          |          |              |           |                        |
|---|------------------|----------|----------|----------|--------------|-----------|------------------------|
| Username                                      | Department       | In       | Out      | Overtime | Office Hours | Result    | Correction Time        |
| Eike batista                                  | smart management | 08:05:00 | 18:05:00 | 0 hr     | 10:00:00     | Normal    |                        |
| Bill Gates                                    | multimedia       | 09:15:00 | 17:15:00 | 0 hr     | 08:00:00     | Normal    | 2011-11-07<br>14:52:28 |
| Larry Ellison                                 | multimedia       | 09:00:00 | 18:00:00 | 0 hr     | 09:00:00     | Normal    |                        |
| karl Albrecht                                 | smart framework  | 09:00:00 | 17:00:00 | 0 hr     | 08:00:00     | Early Out |                        |
| Carlos Slim Helu                              | smart management | 09:10:00 | 19:10:00 | 0 hr     | 10:00:00     | Normal    |                        |
| Lakshmi Mittal                                | multimedia       | 09:00:00 | 18:00:00 | 4 hr     | 09:00:00     | Normal    |                        |
| Christy Walton                                | smart framework  | 09:00:00 | 18:00:00 | 0 hr     | 09:00:00     | Normal    |                        |
| Lika Shing                                    | smart framework  | 09:20:00 | 18:20:00 | 0 hr     | 09:00:00     | Late In   |                        |
| Stefan Persson                                | smart framework  | 09:00:00 | 20:00:00 | 2 hr     | 11:00:00     | Normal    |                        |
| Warren Buffett                                | multimedia       | 09:15:00 | 18:15:00 | 0 hr     | 09:00:00     | Normal    |                        |
| Amancio Ortega                                | smart management | 09:00:00 | 21:00:00 | 3 hr     | 12:00:00     | Normal    |                        |
| Mukesh Ambani                                 | smart management | 09:00:00 | 18:30:00 | 0 hr     | 09:30:00     | Normal    |                        |



# TAAM (Time and Attendance Manager)

## Attendance Report by Month

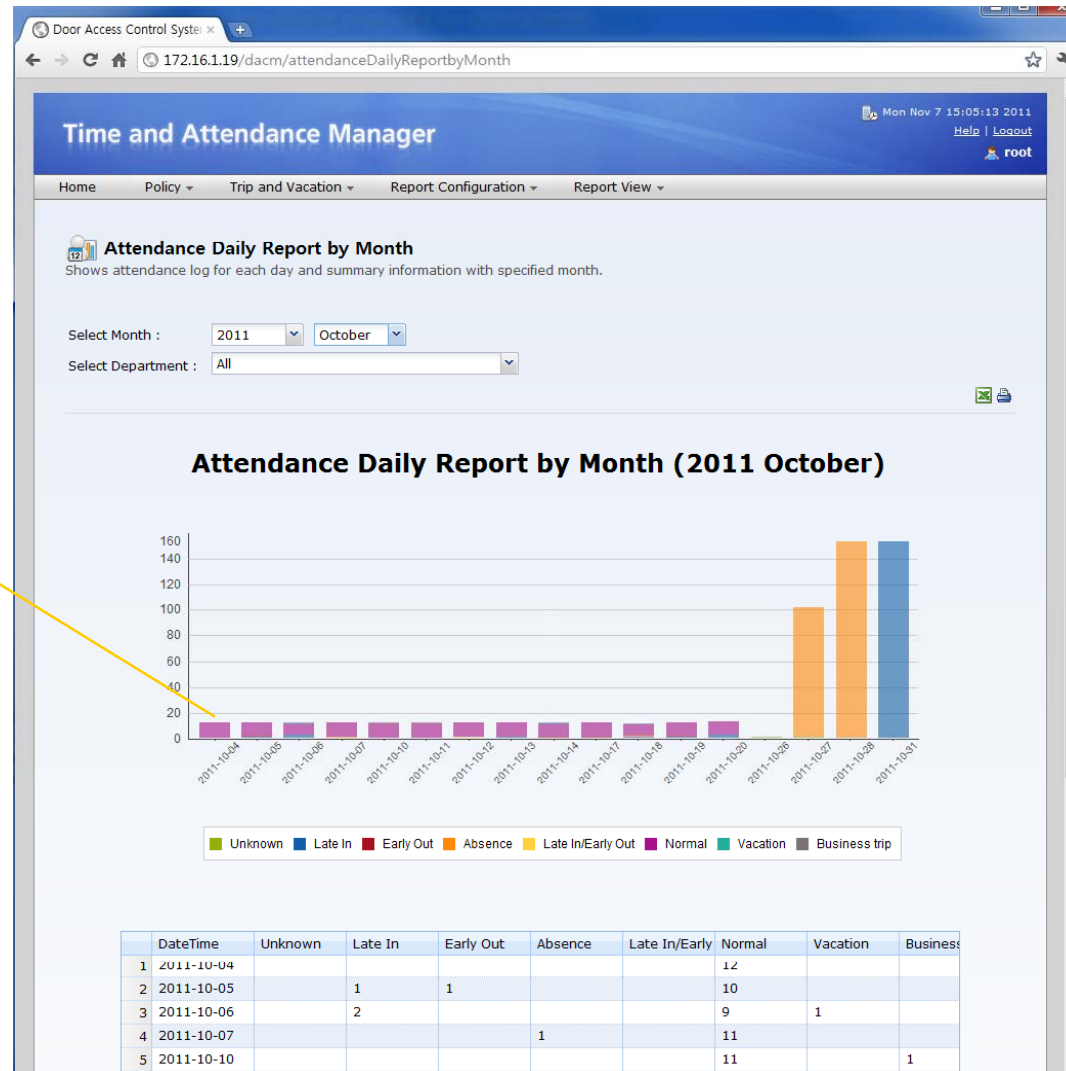


attendance summary for each time and attendance code with specified month

attendance summary for each extension user

# TAAM (Time and Attendance Manager)

## Attendance Daily Report by Month



clustered column of attendance summary with time span from first to end of the month

# TAAM (Time and Attendance Manager)

## Attendance Personal Report

**Attendance Personal Report**  
Shows attendance log of each day for the month with specified user.

Select Month : 2011 October  
Select User : Carlos slim Helu

**Attendance Personal Report (2011 October)**  
Carlos slim Helu (/2F/)

**Type**

| Type          | Count |
|---------------|-------|
| Late In       | 1     |
| Early Out     | 2     |
| Absence       | 1     |
| Normal        | 10    |
| Business trip | 1     |

|   | DateTime   | In       | Out      | Overtime | Office Hours | Result    |
|---|------------|----------|----------|----------|--------------|-----------|
| 1 | 2011-10-04 | 09:00:00 | 18:00:00 | 0 hr     | 10:00:00     | Normal    |
| 2 | 2011-10-05 | 09:00:00 | 18:00:00 | 0 hr     | 10:00:00     | Normal    |
| 3 | 2011-10-06 | 09:00:00 | 18:00:00 | 0 hr     | 10:00:00     | Normal    |
| 4 | 2011-10-07 | 09:00:00 | 18:00:00 | 0 hr     | 10:00:00     | Normal    |
| 5 | 2011-10-10 | 09:10:00 | 19:10:00 | 0 hr     | 10:00:00     | Normal    |
| 6 | 2011-10-11 | 09:10:00 | 19:10:00 | 0 hr     | 10:00:00     | Normal    |
| 7 | 2011-10-12 | 09:10:00 | 19:10:00 | 0 hr     | 10:00:00     | Normal    |
| 8 | 2011-10-13 | 09:10:00 | 19:10:00 | 0 hr     | 10:00:00     | Normal    |
| 9 | 2011-10-14 | 09:10:00 | 17:10:00 | 0 hr     | 08:00:00     | Early Out |

You can specify one extension user for attendance report of the month

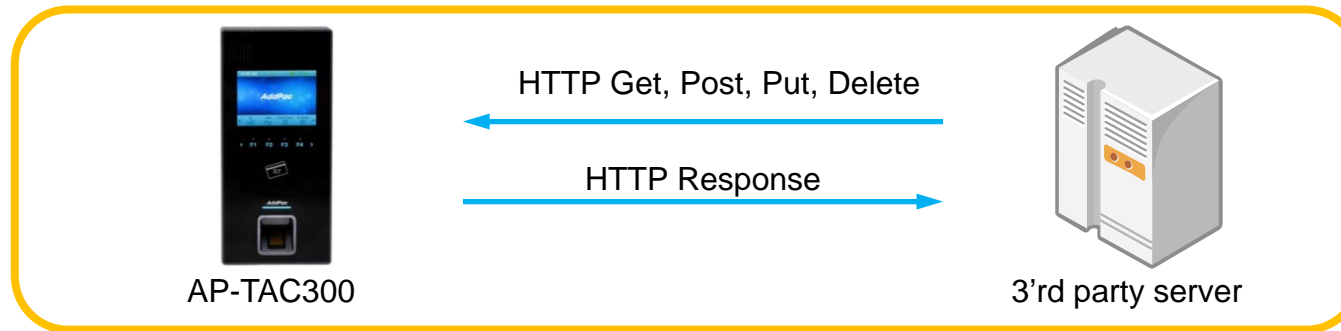
attendance summary for time and attendance code of a extension user



# Open API

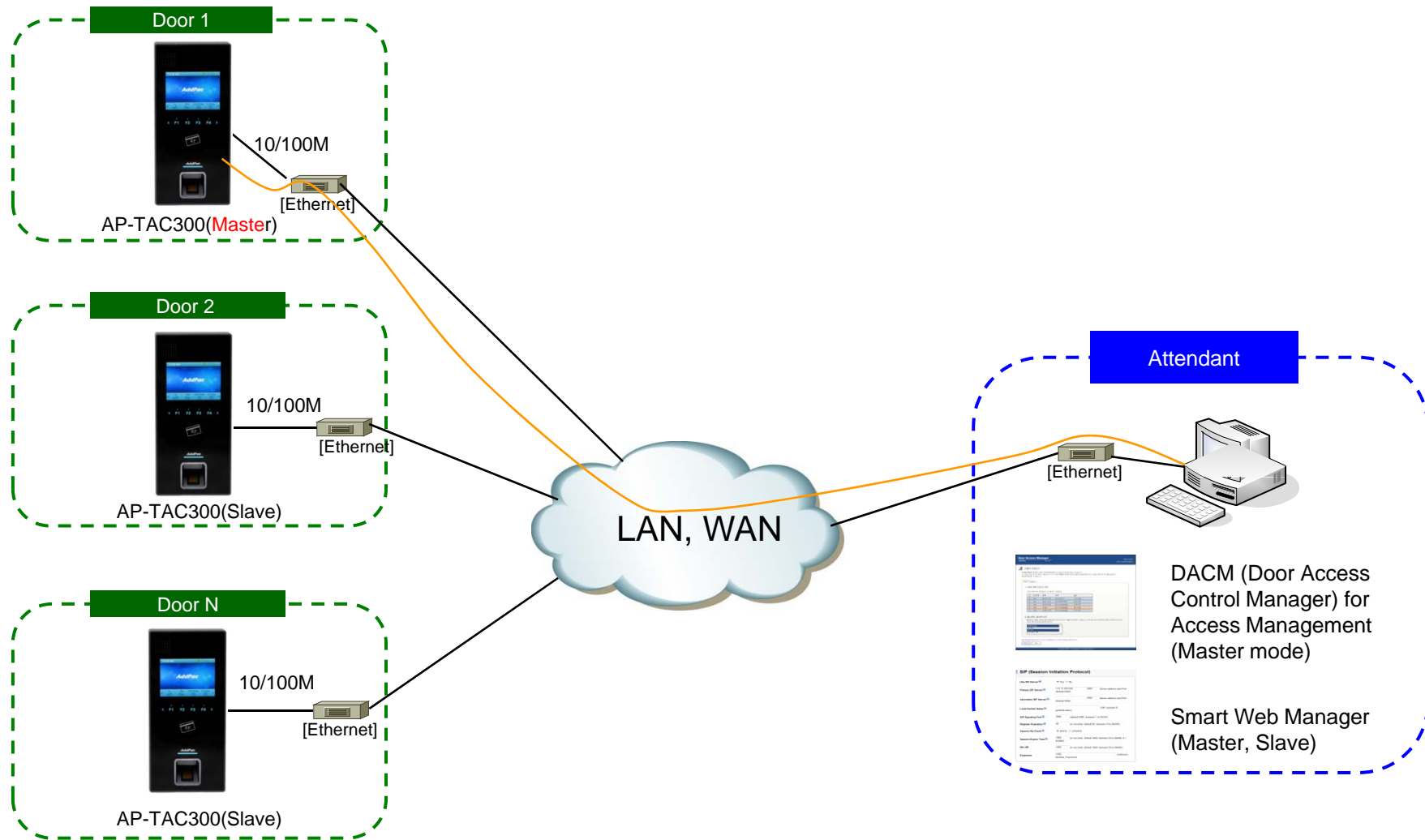
# Open API

## Open API for 3'rd Party Management System



- HTTP based RESTful Open API for Door Access Management
- XML based Flexible and Expandable Message Contents
- Provides More than 40 APIs as Bellow
  - user\_list(GET), user(GET, POST, PUT, DELETE), ...
  - terminal\_list(GET), terminal(GET, POST, PUT, DELETE), ...
  - access\_group(GET, POST, PUT, DELETE), priority (PUT), ...
  - card\_list(GET), card(POST, PUT, DELETE), ...
  - schedule\_template(GET, POST, PUT, DELETE), rule(GET, POST, PUT, DELETE) ,...

# Application Network Diagram



# Ordering Information

- **AP-TAC300 Time & Attendance Door Access Controller Hardware**
  - AP-TAC300 Main Body
  - RISC Microprocessor with High-end Programmable DSP Architecture
  - 3.5 Inch LCD
  - Fingerprint Recognition, RF card Interface
  - STILL Chassis
  - Internal Speaker
  - 1-ports 10/100Mbps Fast Ethernet
  - PoE Interface
  - Including Network Cable Set & Ext. Power Supply, etc.
- **Built-in APOS Internetworking Software for AP-TAC300**
- **Including 1 Year Hardware Warranty**
- **Product Documents**
  - Install and Operation Guide (PDF)
- **Pricing**
  - AddPac Technology Regional Sales Manager
  - Authorized Sales and Marketing Representatives



# Thank you!

**AddPac Technology Co., Ltd.**  
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