

# AP-TAS150 Time and Attendance IP Video Door Phone

Door Access Control Manager  
& Time Attendance Manager  
for Standalone Mode



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Sales and Marketing

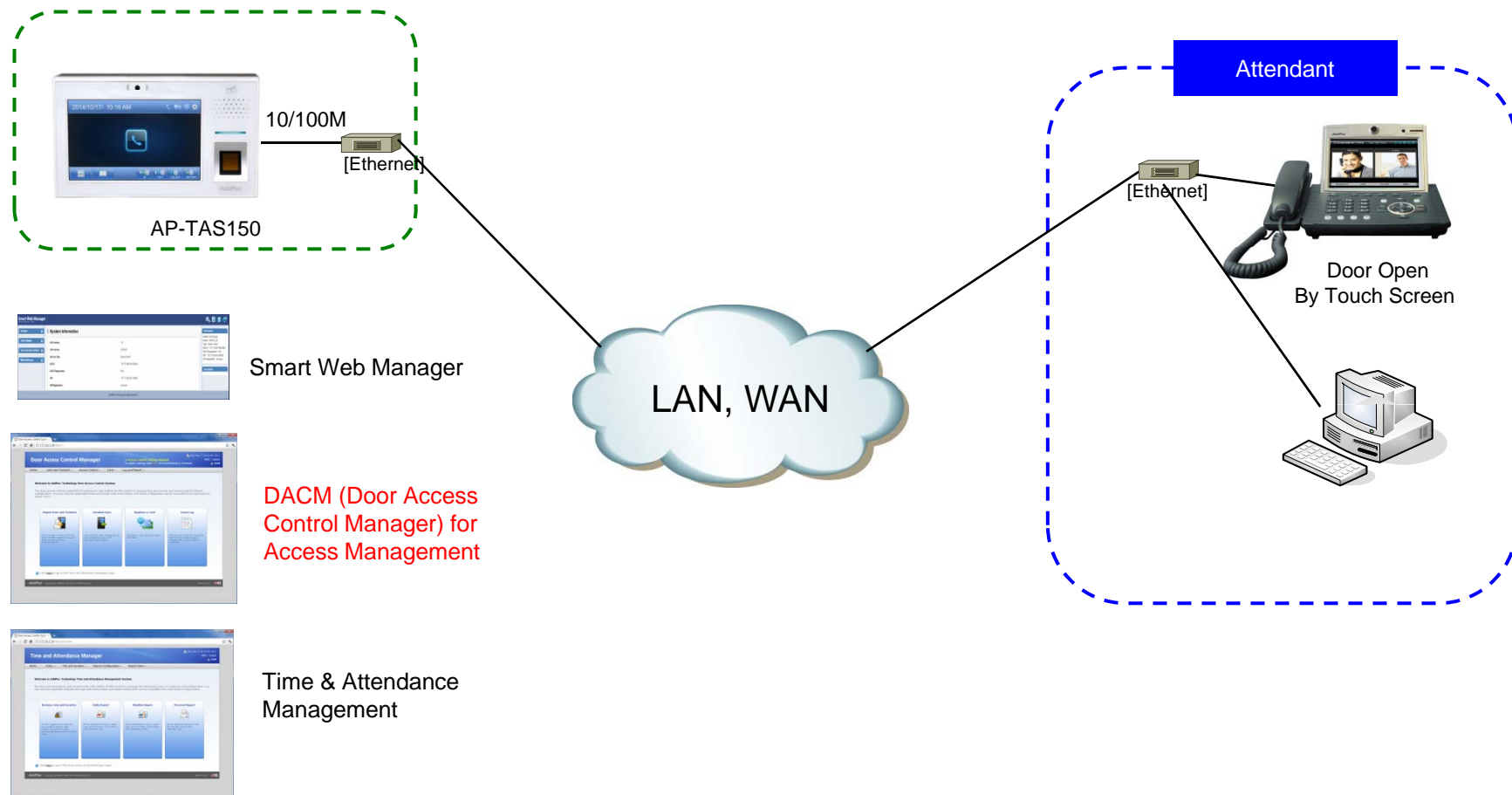
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- Network Diagram
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- Time & Attendance Manager



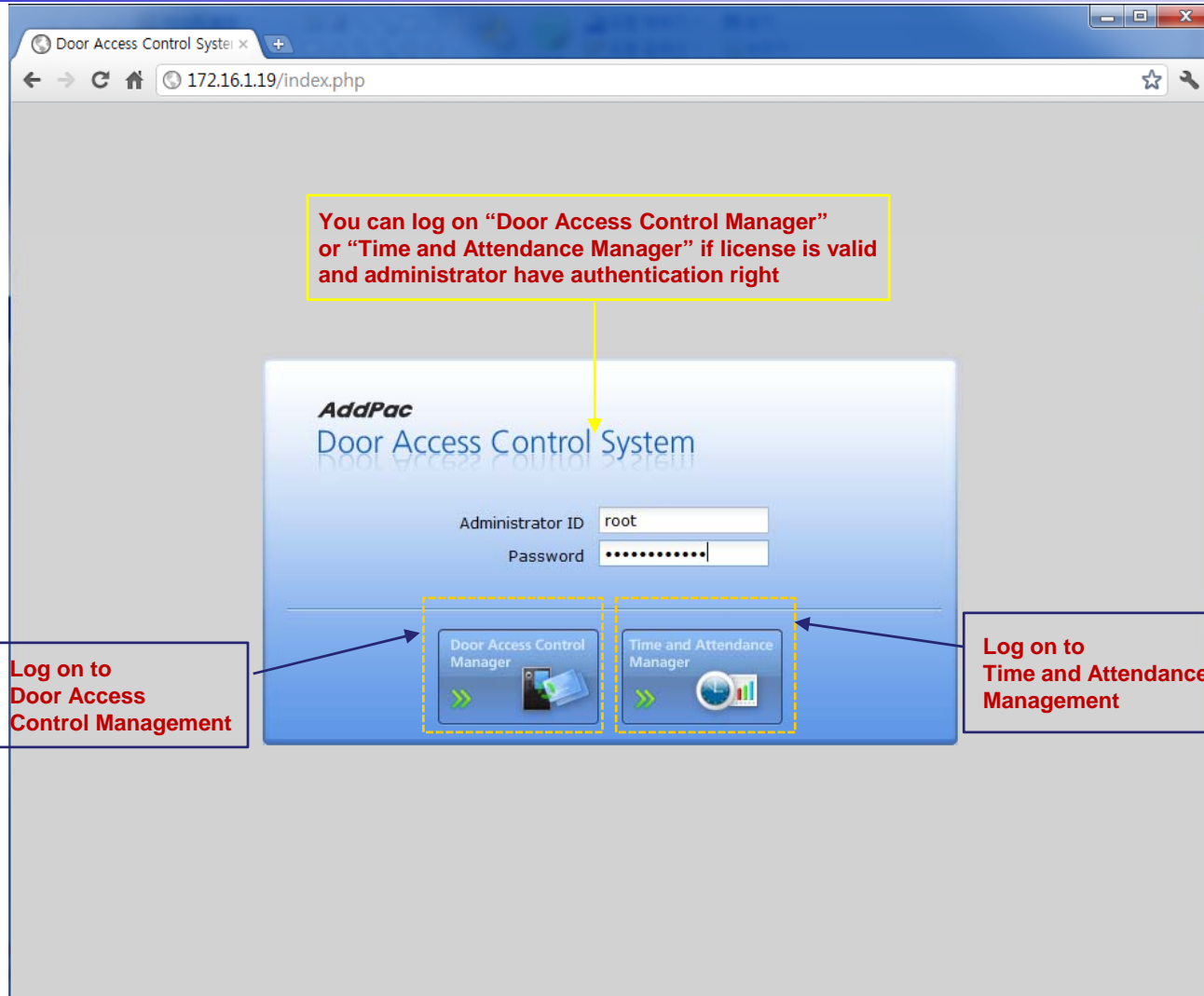
# Network Diagram

## Standalone Mode



# DACS (Door Access Control System)

## Login page

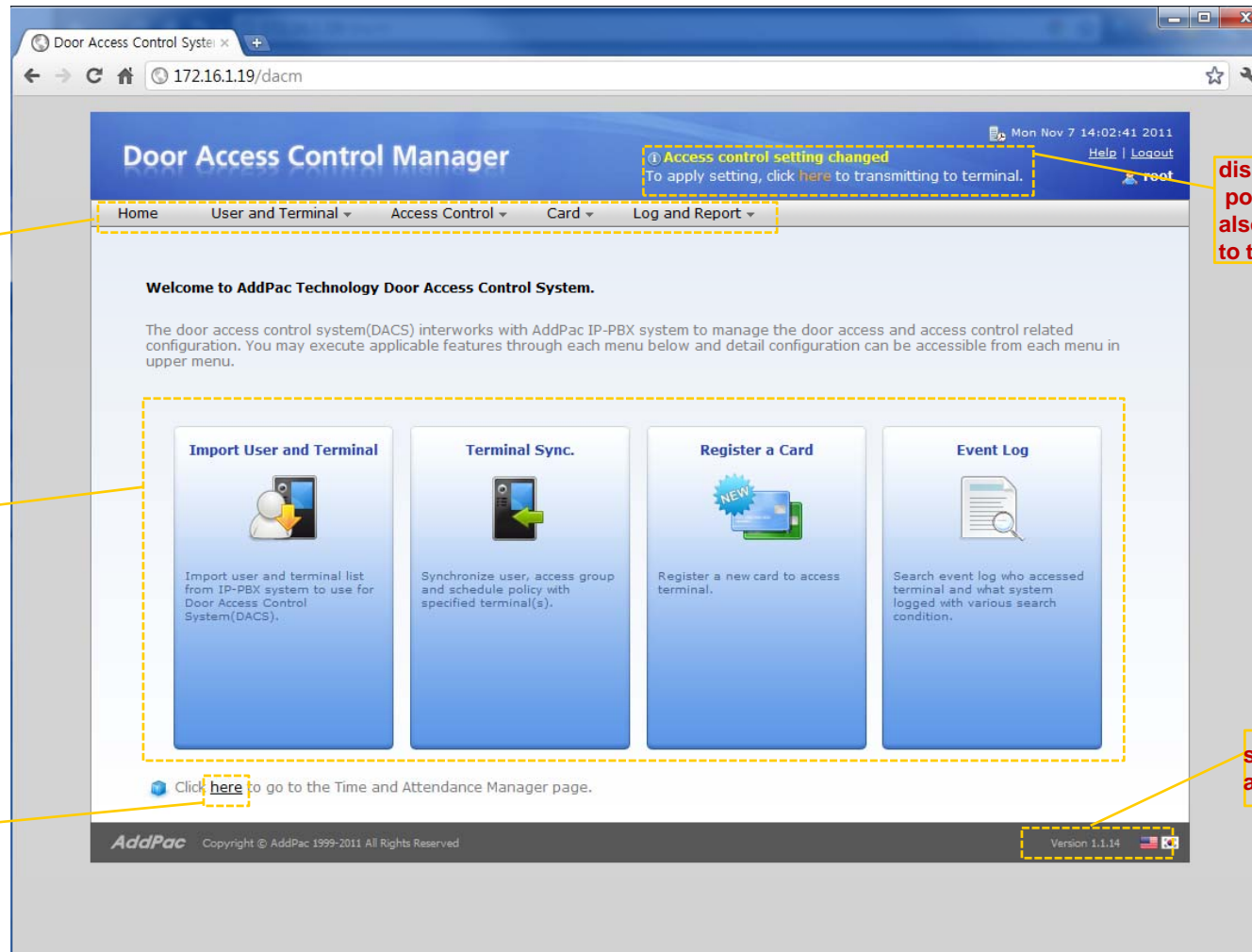




# DACM (Door Access Control Manager)

# DACM (Door Access Control Manager)

## Main Home Web Page



main menu & sub menu

quick menu for frequent use

switch to "Time and Attendance Manager"

display if access control policy changes and also must be sent to the terminals

show current version and language

# DACM (Door Access Control Manager)

## Import User and Terminal

**1. User list to be imported**  
Total Users: 11 Changed: 1 Added: 10 Deleted: 6

Display new added users of IP-Next PBX.  
The selected user will be imported to DACS(Door Access Control System).

Extension	Name	Department
<input checked="" type="checkbox"/>	1111	Hwang Woosun /5Floor/
<input checked="" type="checkbox"/>	1005	Julian Jonathan /5Floor/
<input checked="" type="checkbox"/>	1013	Ramon Jorge /5Floor/
<input checked="" type="checkbox"/>	1260	White Nigel /5Floor/
<input checked="" type="checkbox"/>	1008	Kwon Hyojun /5Floor/SM/
<input checked="" type="checkbox"/>	1000	Choi Jinsuk /5Floor/SM/
<input checked="" type="checkbox"/>	4099	Han Jiyoung /5Floor/SM/
<input checked="" type="checkbox"/>	1014	Oh Hyongsuk /5Floor/Framework/

Display deleted users of IP-Next PBX.  
The selected user will be deleted from DACS(Door Access Control System).

Extension	Name	Department
<input checked="" type="checkbox"/>	1000	Choi jinsuk /5Floor/SM/
<input checked="" type="checkbox"/>	1015	Choi byunggu /5Floor/Framework/
<input checked="" type="checkbox"/>	1016	Lee seonghyun /5Floor/Framework/
<input checked="" type="checkbox"/>	1111	Hwang woosun /5Floor/

**2. Select Access Control Group Policy**  
Select access control group policy for selected added users and you can select one or more groups.

Group Name	Description
<input type="checkbox"/>	3floor door
<input checked="" type="checkbox"/>	default group default access group
<input type="checkbox"/>	job policy job policy access group

display newly added user of IP-Next PBX system to be imported to DACS(Door Access Control System)

display already removed user from IP-Next PBX system and will be applied to DACS(Door Access Control System)

show access group policy list when adding or removing

# DACM (Door Access Control Manager)

## User List

Door Access Control Manager

Mon Nov 7 14:09:09 2011

Access control setting changed  
To apply setting, click here to transmitting to terminal.

Home User and Terminal Access Control Card Log and Report

User List

Search registered access terminal user or search for all users. You can proceed add/change/delete through the screen.

Search List: All Users Input search word Search

	Extension	Name	Department	Access Policy	Date Created	Modif
1	1000	batista Eike	/2F/	Access Allow	2011-10-21 11:56:58	
2	1001	kyusik lee	/5F/	Access Allow	2011-10-21 11:46:30	
3	1002	5f vac_50	/5F/SW/	Access Allow	2011-10-21 11:46:31	
4	1003	sangkwon Sim	/5F/SW/Multimedia/	Access Allow	2011-10-21 11:46:27	
5	1004	yeongsik lee	/5F/SW/Multimedia/	Access Allow	2011-10-21 11:46:27	
6	1005	hyungseok oh	/5F/SW/Framework/	Access Allow	2011-10-21 11:46:28	
7	1006	jemes lee	/5F/SW/Multimedia/	Access Allow	2011-10-21 11:46:26	
8	1007	Jinsoek Choe	/5F/SW/Management/	Access Allow	2011-10-21 11:46:27	
9	1008	Carlos slim Helu	/2F/	Access Allow	2011-10-21 11:56:57	
10	1010	jonghwi kwon	/5F/SW/Management/	Access Allow	2011-10-21 11:46:27	
11	1011	euiyeon kim	/5F/SW/Framework/	Access Allow	2011-10-21 11:46:27	
12	1014	Christy Walton	/2F/	Access Allow	2011-10-21 11:56:57	
13	1015	hwanseok Choi	/5F/SW/Multimedia/	Access Allow	2011-10-21 11:46:26	
14	1016	Stefan Persson	/2F/	Access Allow	2011-10-21 11:56:57	
15	1024	byunggu choi	/5F/SW/Framework/	Access Allow	2011-10-21 11:46:27	
16	1032	seunghyeon lee	/5F/SW/Framework/	Access Allow	2011-10-21 11:46:27	
17	1150	Curt Engelhorn	/Factory/	Access Allow	2011-10-21 11:51:11	

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Access group policy for entrance is "access allow" or "access deny"

add user, update user information and delete user from IP-Next PBX system



# DACM (Door Access Control Manager)

## Terminal List

Door Access Control System

1 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 List

Display the registered door phone lists imported from IP-Next PBX system.

Import Terminal

Terminal Name	Description	Status	Extension	IP Address	Model Name	Version	Date Created	Detail View
1 2floor door terminal	2Floor door ter...	Connected	1006	172.16.10.4	AP-VAC50		2011-07-29 17:08:50	
2 3floor door terminal	3Floor door ter...	Connected	1002	172.16.10.1	AP-VAC20	8.50.001	2011-07-22 15:50:01	
3 5floor door terminal	5Floor door ter...	Connected	1005	172.16.10.2	AP-VAC50		2011-07-29 17:08:50	
4 The main entrance d...	The main entran...	Connected	Required setting	172.16.10.3	AP-VAC100		2011-07-29 17:08:50	

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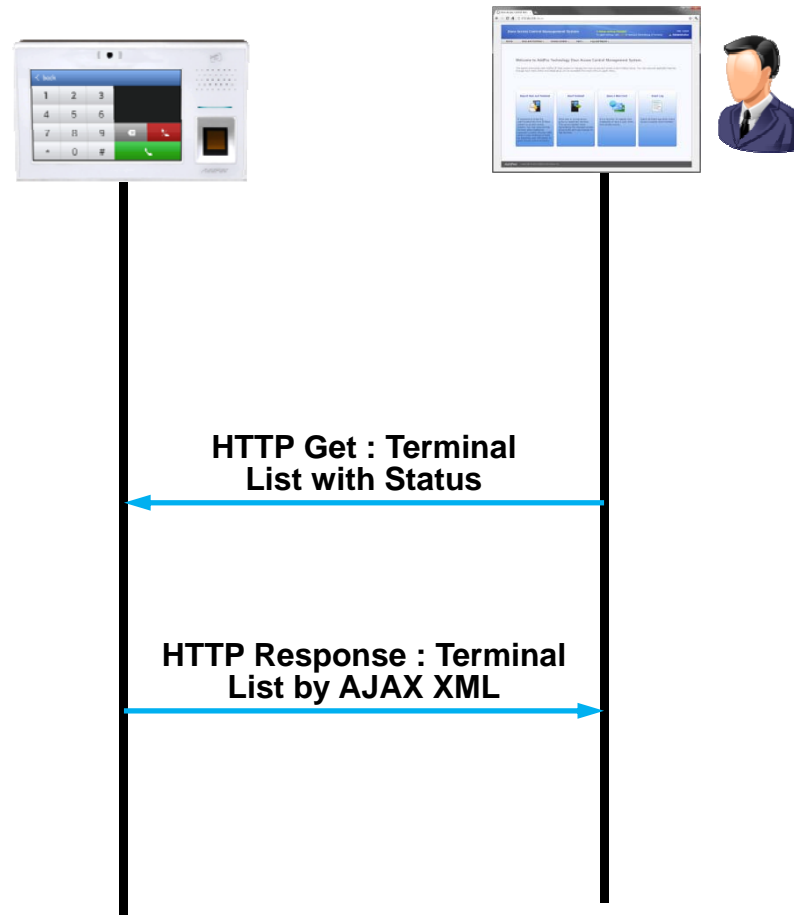
Add terminal, update terminal information and delete terminal from IP-Next PBX system to Door Access Control System

if no extension assigned to this door phone terminal, make sure configure in Smart Multimedia Manager ( SMM )

If you click this button, then directly links to smart web manager for this door phone terminal

# DACS System Message Flow

## Registration and KeepAlive



# DACM (Door Access Control Manager)

## Access Control Group Management

Door Access Control System

172.16.1.19/dacm/accessGroupList

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

Administrator

Home User and Terminal Access Control Card Log and Report

### Access Control Group

You can define a new Access Control Group with one or more terminals, users and schedule policy. Also, you can adjust priority of access control group using up/down arrow (or mouse drag/drop).

Add a Access Control Group

Group Name	Description	Schedule Policy	Date Created	Modify	Delete
3floor door		All Allow	2011-06-28 11:37:13		
job policy	job policy access group	working day	2011-07-04 17:06:47		
default group	default access group	All Allow	2011-06-28 11:37:13		

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adjust access control group priority and top is highest and bottom is lowest

make time-based schedule for this access control group such as 9 AM ~ 6 PM for working time and holiday for full day off

# 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.

Sync Cancel

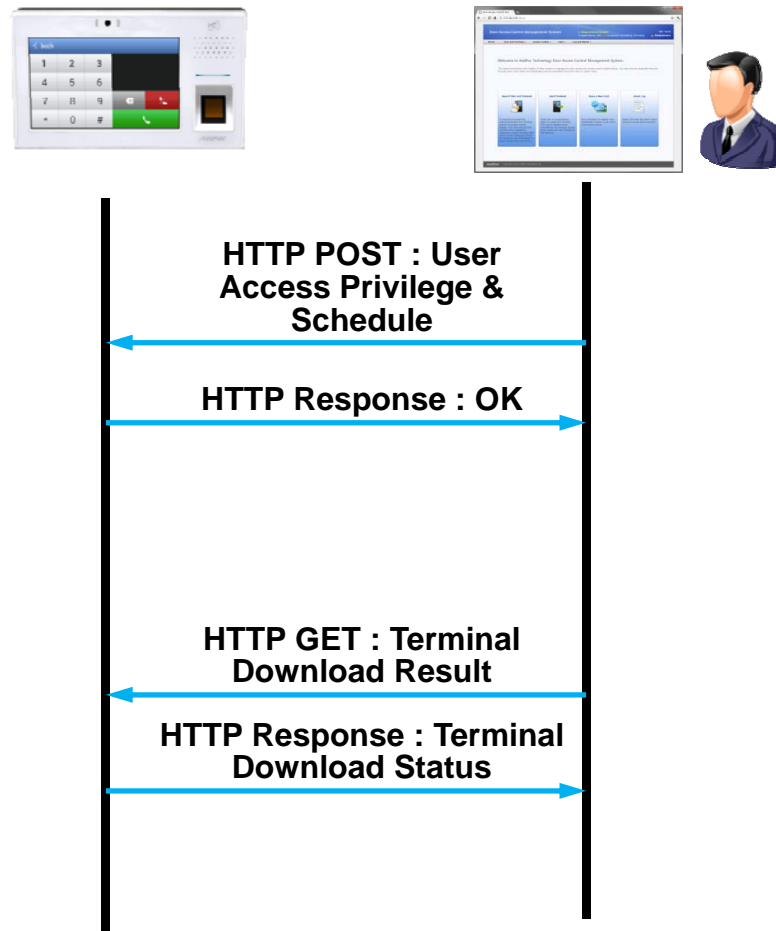
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**show door phone terminal status of registration to Door Access Control Server**

**if access control configuration changed and not sent to the door terminal, then shows synchronization between Door Access Control Server and door terminal needed**

# DACS System Message Flow

## Access Privilege and Schedule Download



# DACM (Door Access Control Manager)

## RF Card Management

Door Access Control Manager

Mon Nov 7 15:17:50 2011  
Access control setting changed  
To apply setting, click [here](#) to transmitting to terminal.  
Help | Logout  
root

Home User and Terminal Access Control Card Log and Report

### Card List

Display registered card list. Also, you can register a new card or modify/delete selected card(s).

Search List: All card  Search Register a Card

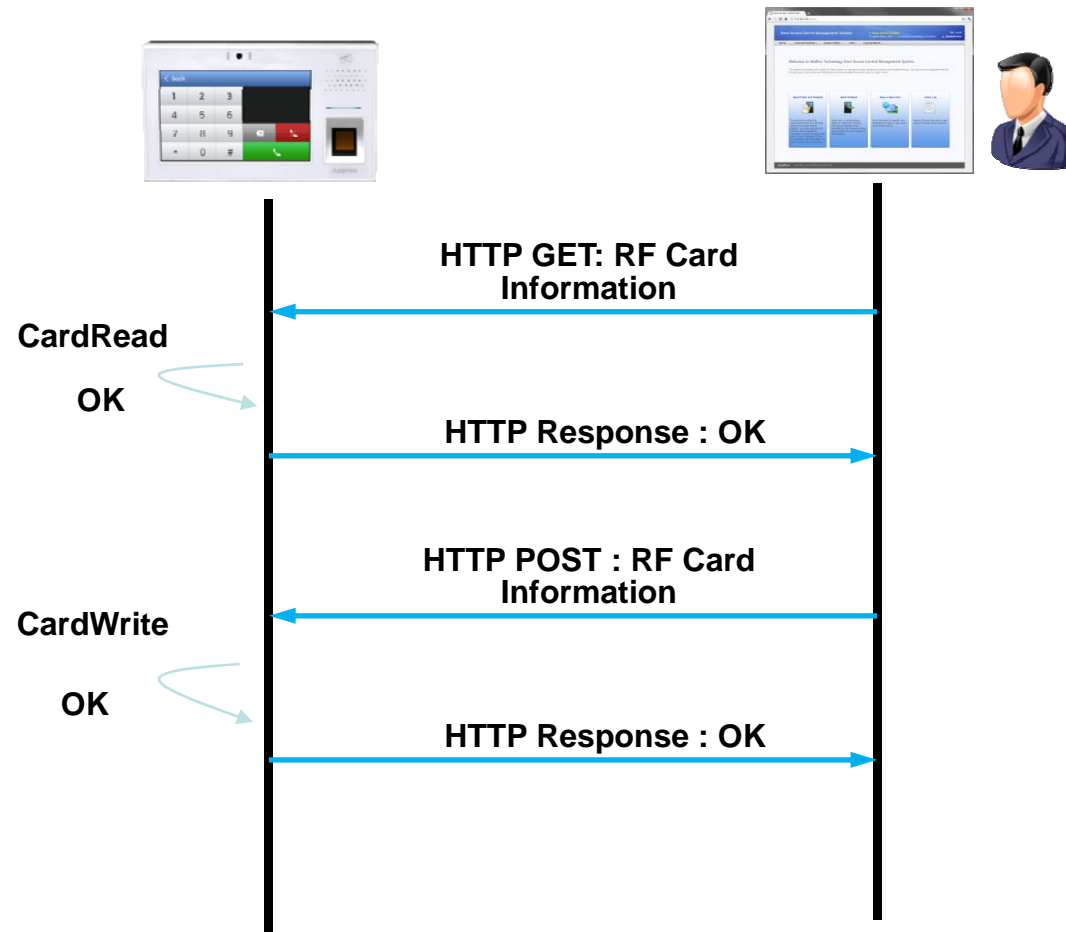
	Serial Number	User Number	Extension	Username	Status	Description	Date Created	Modify	Delete
1	0	40002387			<input type="checkbox"/> Unspecified	for temporary use	2011-07-08 15:59:03		
2	0	123456789			<input type="checkbox"/> Unspecified		2011-07-22 16:17:04		
3	079E1F91		5073	5073	<input checked="" type="checkbox"/> Specified	adds	2011-10-31 17:02:45		

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# DACS System Message Flow

## RF Card Read/Write and Registration



# DACS System Message Flow

## Door Open by RF Card or Password



1. Employee Put his RF Card  
or Input Password using  
Keypad

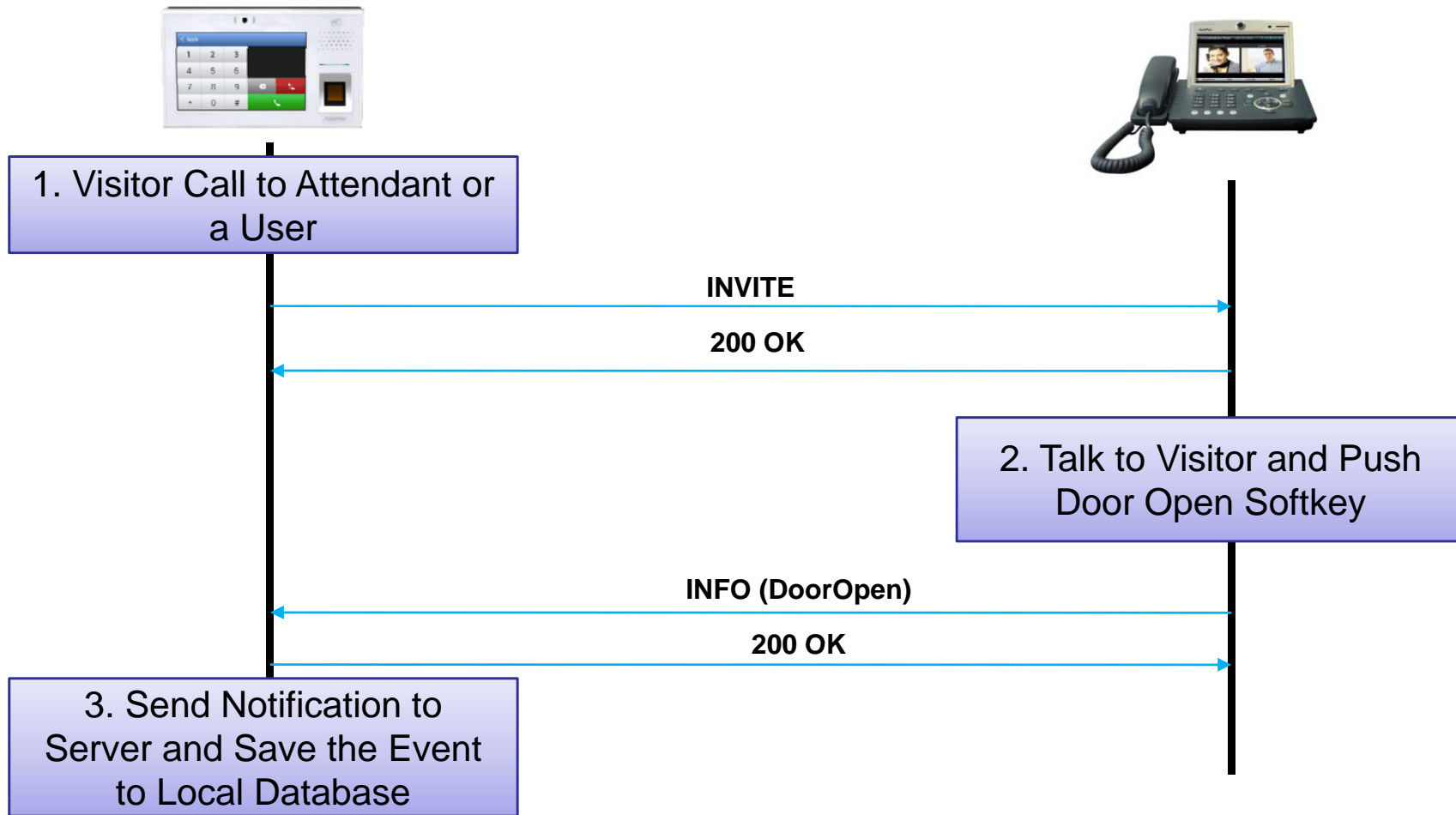
2. Validate User and  
Schedule

3. Send Notification to  
Server and Save the Event  
to Local Database



# DACS System Message Flow

## Door Open by Other Terminal



# DACM (Door Access Control Manager) Fingerprint Management

Door Access Control Manager ✓ Access control setting changed Sat Oct 6 11:12:05 2018  
To apply setting, click [here](#) to apply to terminal. e. administrator [logout](#)

Home User and Terminal Access Control Card Alarm and Event System Time and Attendance Manager

### Add a New User

**1. Profile**

User ID \*  [Check ID](#)  
(numeric only)

First Name \*

Last Name

Position

Department

E-Mail

Home Phone

Mobile Phone

Password   
(numeric only)

Fingerprint 1 Serial Number  [Fingerprint Scan](#) [Delete](#)

Fingerprint 2 Serial Number  [Fingerprint Scan](#) [Delete](#)

**2. Security Access Policy**

If you allow this user to access, be sure the checkbox to enable.

Allow access

Select available access group for this user. You can choose one or more access groups.

Access group list		
Group Name	Schedule Policy	Description
Default Ace...	ALL Allow	Default A...

Applied access group list		
Group Name	Schedule Policy	Description

**3. Time and Attendance Rule**

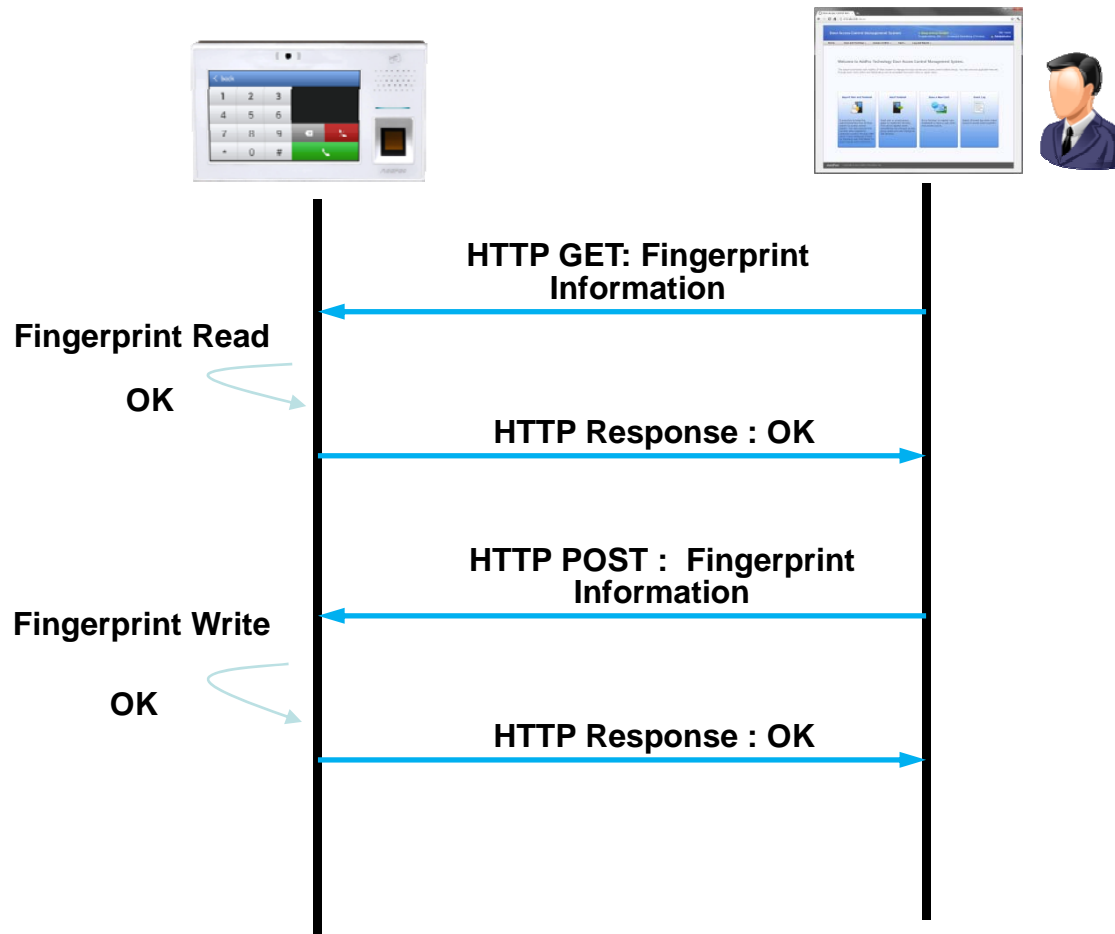
Monthly attendance for the user to specify rule.

Default rule

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

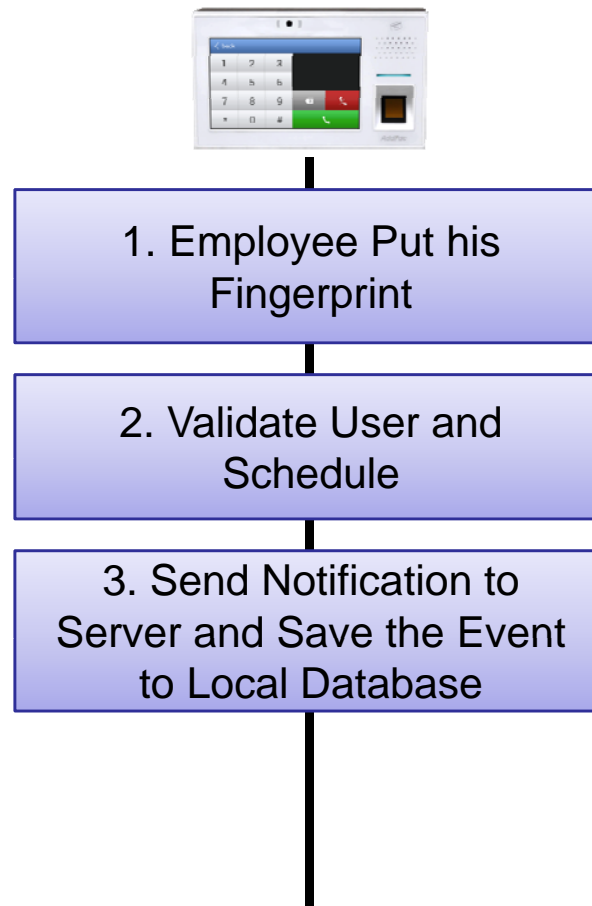
# DACS System Message Flow

## Fingerprint Read/Write and Registration



# DACS System Message Flow

## Door Open by Fingerprint



# DACM (Door Access Control Manager)

## Access Log Management

Door Access Control System

1 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

### Event Log

Display various event log with search conditions(user, datettime, terminal registration..).

Duration : 11-07-10 ~ 11-08-09

User Extension Number :

Event Level : Error

**Each event have a log level , that is critical, major, minor, notice, information and debug**

	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

**datetime that the event occurred**

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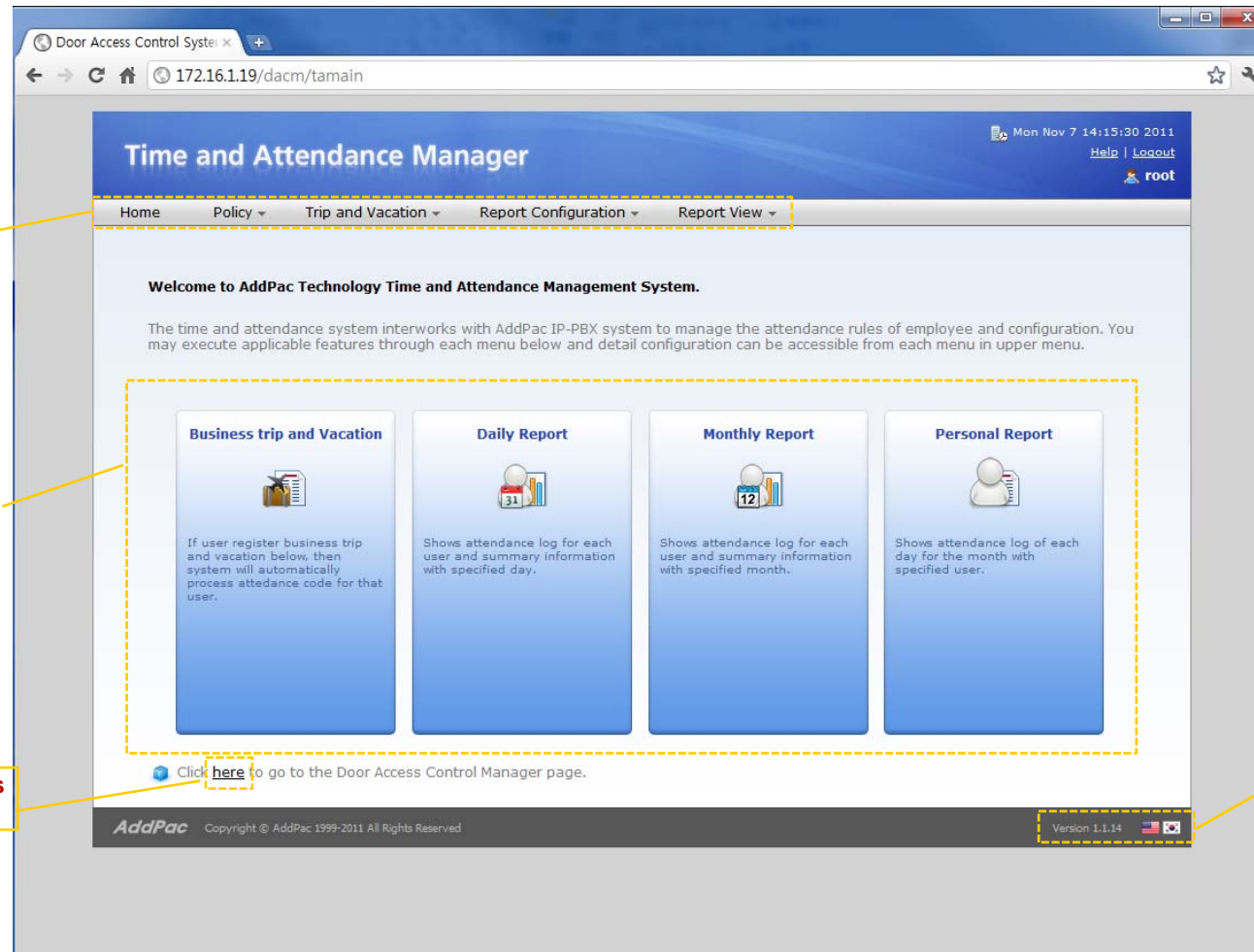
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# TAAM (Time and Attendance Manager)

# TAAM (Time and Attendance Manager)

## Main Web Page



main menu & sub menu

quick menu for frequent use

switch to "Door Access Control Manager"

show current version and language

# 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**

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

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



# TAAM (Time and Attendance Manager)

## Monthly Attendance Rules

**Door Access Control System**

172.16.1.19/dacm/monthlyWorkRuleList

### Monthly Attendance Rule List

Shows list of monthly based attendance rule for time(week, full day off, national holiday)

Name	Description
1 Default Rule	Default attendance rule
2 Head Office Rule	Head office work monthly rule
3 Factory First Rule	Factory first work monthly rule
4 Factory Second Rule	Factory second work monthly 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

**Day of week rule from 1<sup>st</sup> week to 6<sup>th</sup> week and grey color means full day off, other color is work day**

**You can specify daily rule from the list for sunday through saturday**

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# TAAM (Time and Attendance Manager)

## Business Trip and Vacation

The screenshot shows the 'Business Trip and Vacation' section of the TAAM application. It includes a table with two entries: a business trip and a summer vacation. Annotations explain that multiple users can be specified for each entry, that extension users are not processed as absentees during the trip/vacation period, and that user-defined time and attendance codes are used for reporting and corrections.

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

**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**

# TAAM (Time and Attendance Manager)

## Time and Attendance Codes

The screenshot shows a web browser window with the URL `172.16.1.19/dacm/timeAttendanceCodeList`. The page title is "Time and Attendance Manager" and the user is logged in as "root". The main content area is titled "Time and Attendance Codes" and includes a description: "Shows list of user defined attendance code which can be used as correction in the attendance report." Below this is a table with columns for Name, Description, Date Created, Modify, and Delete. A "Add a Code" button is located to the right of the table. The table contains 10 rows of codes, with the first 9 rows highlighted by a dashed yellow box. A yellow box highlights the "Delete" column for the "Sick Leave" row, which has a red 'X' icon. Three red text boxes with yellow borders provide annotations: one pointing to the "Add a Code" button, one pointing to the dashed yellow box around the first 9 rows, and one pointing to the "Delete" icon for the "Sick Leave" row.

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

# 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**

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)**

**Type**

Type	Count
Late In	1
Early Out	1
Normal	10

	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		

You can export to excel or print out for attendance report

attendance summary for each time and attendance code with specified date

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

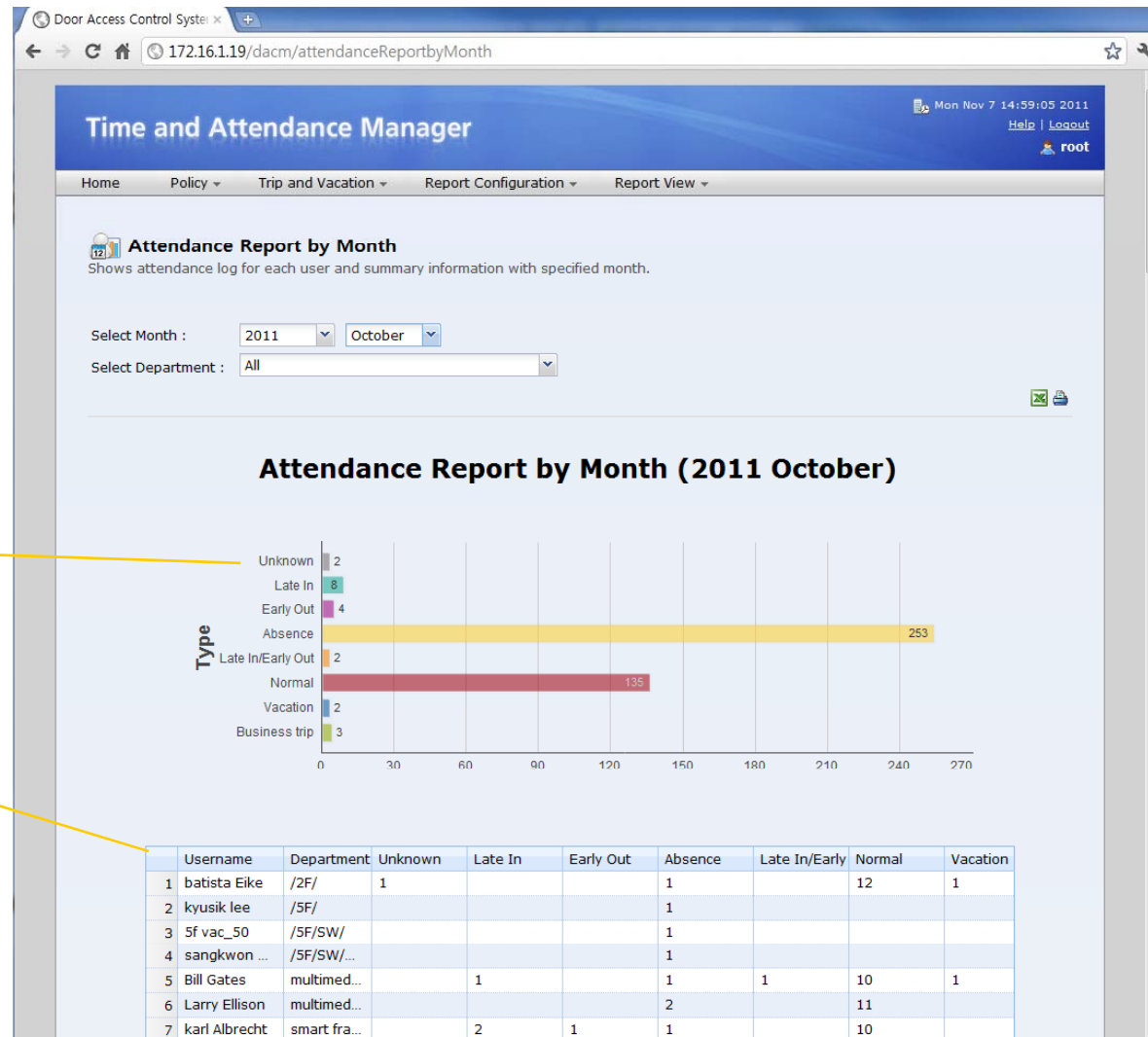
# TAAM (Time and Attendance Manager)

## 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 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

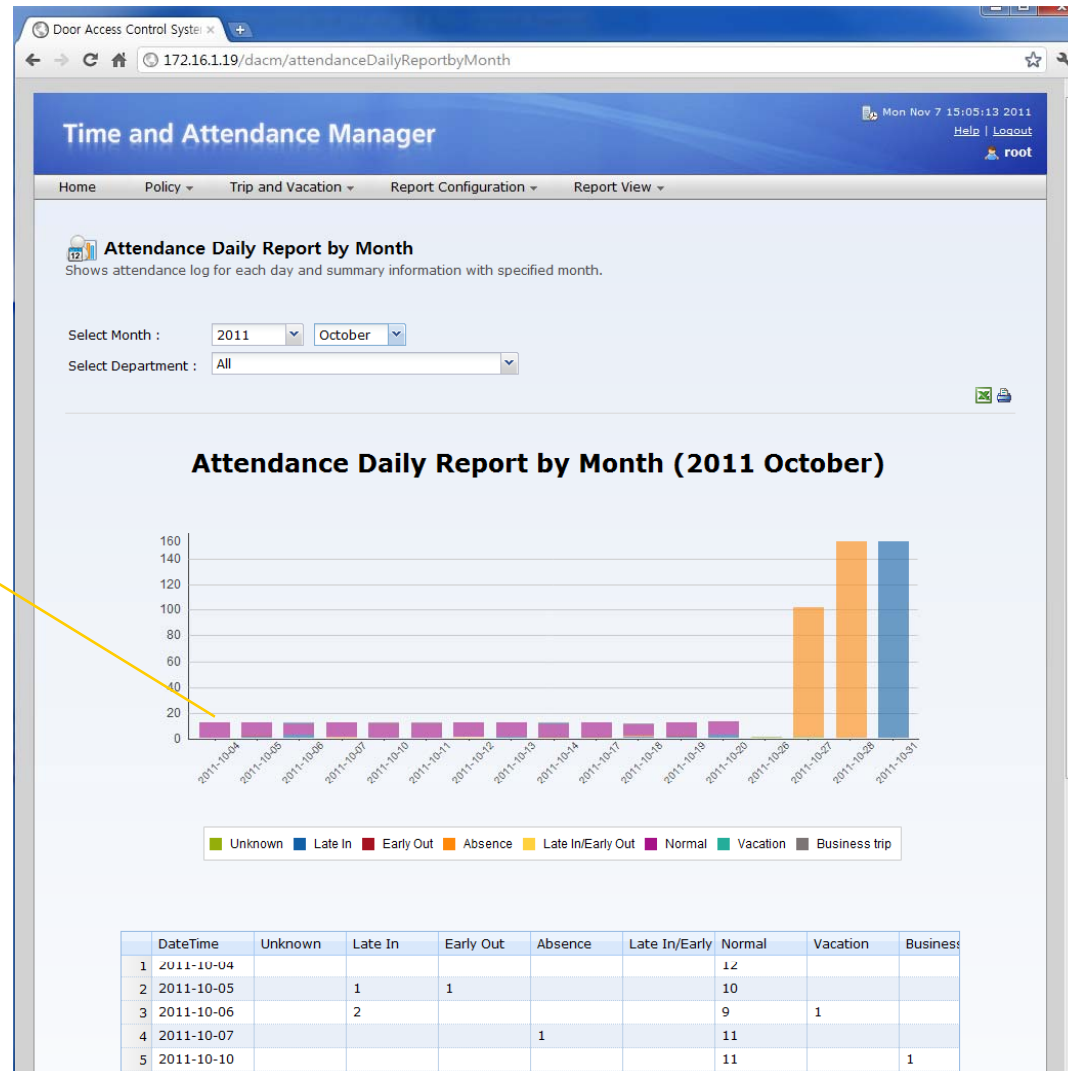


attendance summary for each time and attendance code with specified month

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



# Thank you!

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