

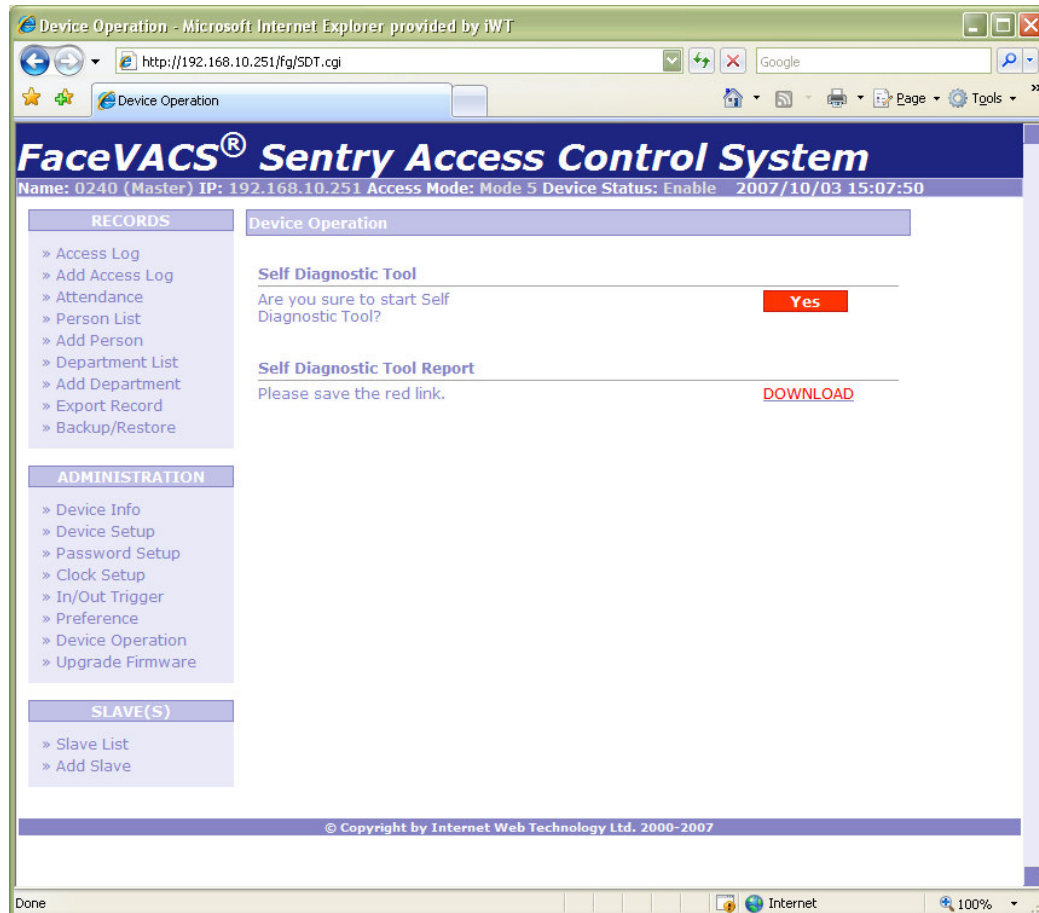
## Self Diagnostic Tool

In order to help for better support and check the device hardware status, the device provide self diagnostic tool for generating device status information. Then the device will also generate the report for other to download.

In internet browser's address bar, type:

*http://<IP address of FaceVACS® Sentry>/fg/SDT.cgi*

Then you will enter this page:



You can press *Yes* in *Self Diagnostic Tool- Are you sure to start Self Diagnostic Tool?* to start the whole diagnostic flow. Then the whole flow will perform the test of camera, LCD, LED, PCB board etc...

After that, you can download the report and send to FaceVACS® support staff for further investigation if necessary.

## Exam Your FaceVACS® Sentry Record

FaceVACS® Sentry contains many records. You can edit these records for the access control function (like edit person, edit department). Also you can view the record for daily access records and intruder records.

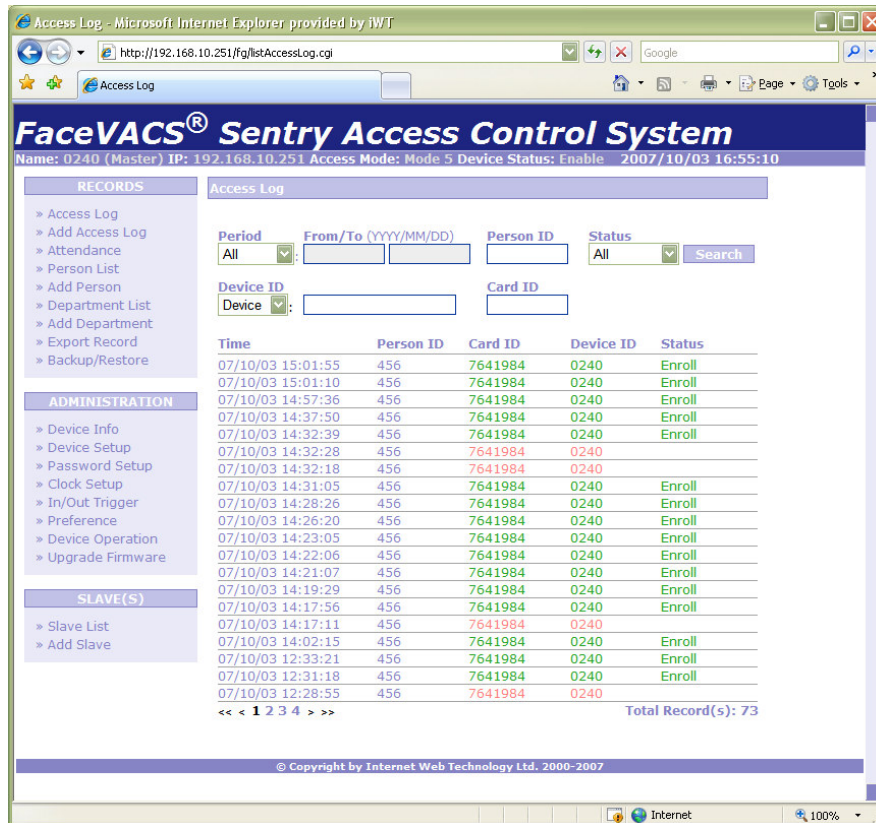
You should login to the web based system according to section “**Configuring Your FaceVACS® Sentry**” before view/edit the records.

## Access Record

### View Access Record

You can view the access logs based on following procedure:

Click *Records* -> *Access Log* on the left side of the FaceVACS® Sentry web page. After clicked, you will enter this page:



The screenshot shows the FaceVACS® Sentry Access Control System web interface. The browser window title is "Access Log - Microsoft Internet Explorer provided by iWT". The address bar shows "http://192.168.10.251/cgi/listAccessLog.cgi". The page header displays "FaceVACS® Sentry Access Control System" and "Name: 0240 (Master) IP: 192.168.10.251 Access Mode: Mode 5 Device Status: Enable 2007/10/03 16:55:10".

On the left, there is a navigation menu with sections: RECORDS, ADMINISTRATION, and SLAVE(S). The RECORDS section is expanded, showing "Access Log" as the selected option.

The main content area is titled "Access Log". It contains search filters: "Period" (All), "From/To (YYYY/MM/DD)" (empty), "Person ID" (empty), "Status" (All), and "Device ID" (Device). A "Search" button is present.

Below the filters is a table of access records:

Time	Person ID	Card ID	Device ID	Status
07/10/03 15:01:55	456	7641984	0240	Enroll
07/10/03 15:01:10	456	7641984	0240	Enroll
07/10/03 14:57:36	456	7641984	0240	Enroll
07/10/03 14:37:50	456	7641984	0240	Enroll
07/10/03 14:32:39	456	7641984	0240	Enroll
07/10/03 14:32:28	456	7641984	0240	Enroll
07/10/03 14:32:18	456	7641984	0240	Enroll
07/10/03 14:31:05	456	7641984	0240	Enroll
07/10/03 14:28:26	456	7641984	0240	Enroll
07/10/03 14:26:20	456	7641984	0240	Enroll
07/10/03 14:23:05	456	7641984	0240	Enroll
07/10/03 14:22:06	456	7641984	0240	Enroll
07/10/03 14:21:07	456	7641984	0240	Enroll
07/10/03 14:19:29	456	7641984	0240	Enroll
07/10/03 14:17:56	456	7641984	0240	Enroll
07/10/03 14:17:11	456	7641984	0240	Enroll
07/10/03 14:02:15	456	7641984	0240	Enroll
07/10/03 12:33:21	456	7641984	0240	Enroll
07/10/03 12:31:18	456	7641984	0240	Enroll
07/10/03 12:28:55	456	7641984	0240	Enroll

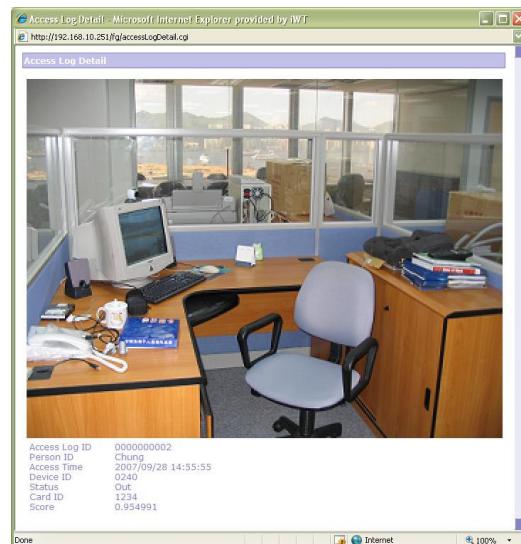
At the bottom of the table, it says "Total Record(s): 73".

The footer of the page reads "© Copyright by Internet Web Technology Ltd. 2000-2007".

In the right panel, you can view the list of access logs order by time. You can also search the access log by certain criteria in the upper right panel.

Do the following actions to view the detail (especially photo) of the access log:

1. Click the *Time / person ID* (e.g. 05/04/26 18:47:05 or 0003) you want to view the detail in the list
2. The Pop-up will show the detail of the access record (Which will show the detail information of the access record including the captured image. This image is de-interlaced):



The screenshot shows the "Access Log Detail" pop-up window. It displays a captured image of a person sitting at a desk in an office environment. Below the image, the following details are listed:

- Access Log ID: 000000002
- Person ID: Chung
- Access Time: 2007/09/28 14:55:55
- Device ID: 0240
- Status: Out
- Card ID: 1234
- Score: 0.954991

### Add Access Record

You can add the access logs using following procedure:

Click *Records* -> *Add Access Log* on the left side of the FaceVACS® Sentry web page. After clicked, you will enter this page:

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In the right panel, do the following actions to add access log:

1. Type the *Person ID*, *Access Day* and *Access Time* according to the specified format.
2. Select the Type of access log (*In / Out*)
3. Click "*Insert*" button to add the log

## Attendance Record

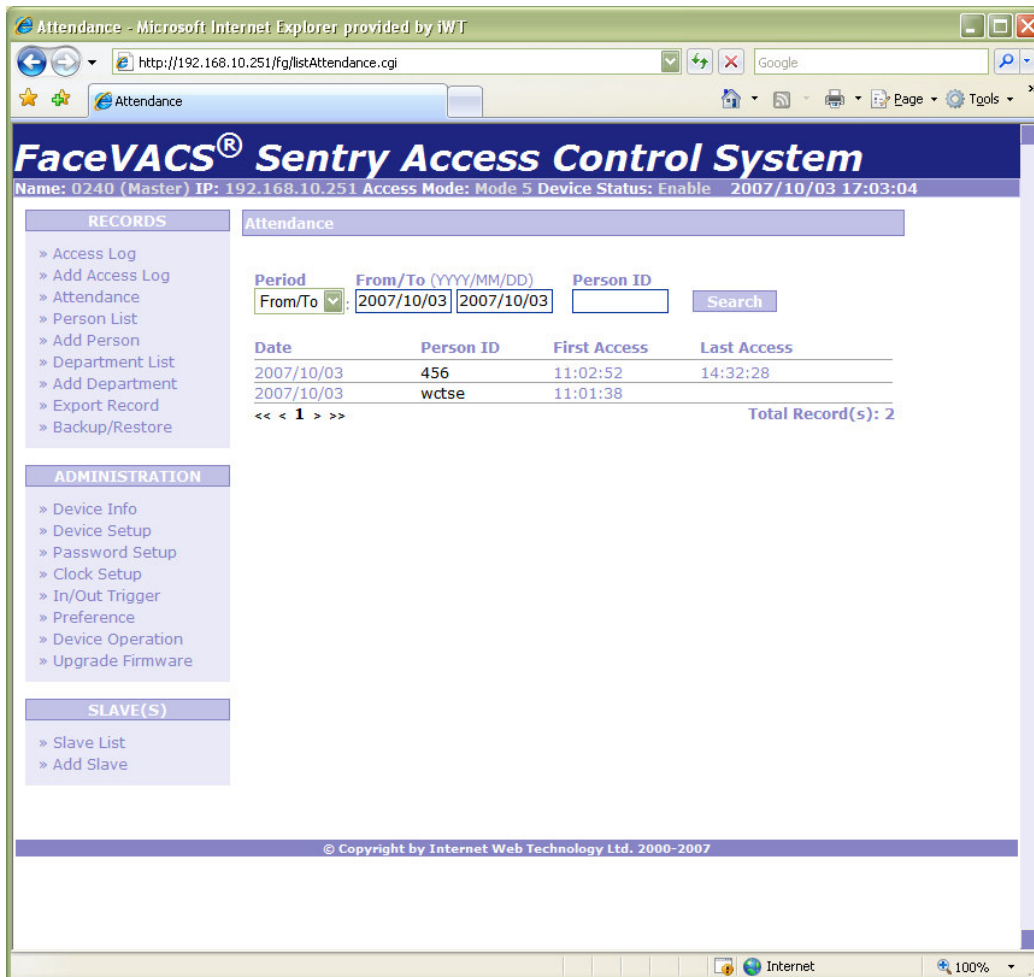
Attendance Record in FaceVACS® Sentry is defined as:

1. Daily based
2. Show first access record
3. Show last access record

This page helps HR personnel to view the person daily time attendance records (first and last access records), as a summary of daily access records of particular person.

You can view the person attendance records based on following procedure:

Click *Records -> Attendance* on the left side of the FaceVACS® Sentry web page. After clicked, you will enter this page:



The screenshot shows a web browser window titled "Attendance - Microsoft Internet Explorer provided by iWT". The address bar shows "http://192.168.10.251/fg/listAttendance.cgi". The page header displays "FaceVACS® Sentry Access Control System" and system information: "Name: 0240 (Master) IP: 192.168.10.251 Access Mode: Mode 5 Device Status: Enable 2007/10/03 17:03:04".

On the left sidebar, the "RECORDS" menu is expanded, showing options like "Access Log", "Add Access Log", "Attendance", "Person List", etc. The "Attendance" option is selected.

The main content area is titled "Attendance". It features a search section with "Period" (From/To: 2007/10/03 to 2007/10/03) and "Person ID" (empty). A "Search" button is present. Below this is a table of attendance records:

Date	Person ID	First Access	Last Access
2007/10/03	456	11:02:52	14:32:28
2007/10/03	wctse	11:01:38	

At the bottom of the table, it says "<< < 1 > >>" and "Total Record(s): 2".

Below the table, there is an "ADMINISTRATION" section with options like "Device Info", "Device Setup", "Password Setup", etc., and a "SLAVE(S)" section with "Slave List" and "Add Slave".

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You can view list of attendance record per date based on person ID. You can also filter the attendance record by date and person ID (use the searching function on the top right panel).

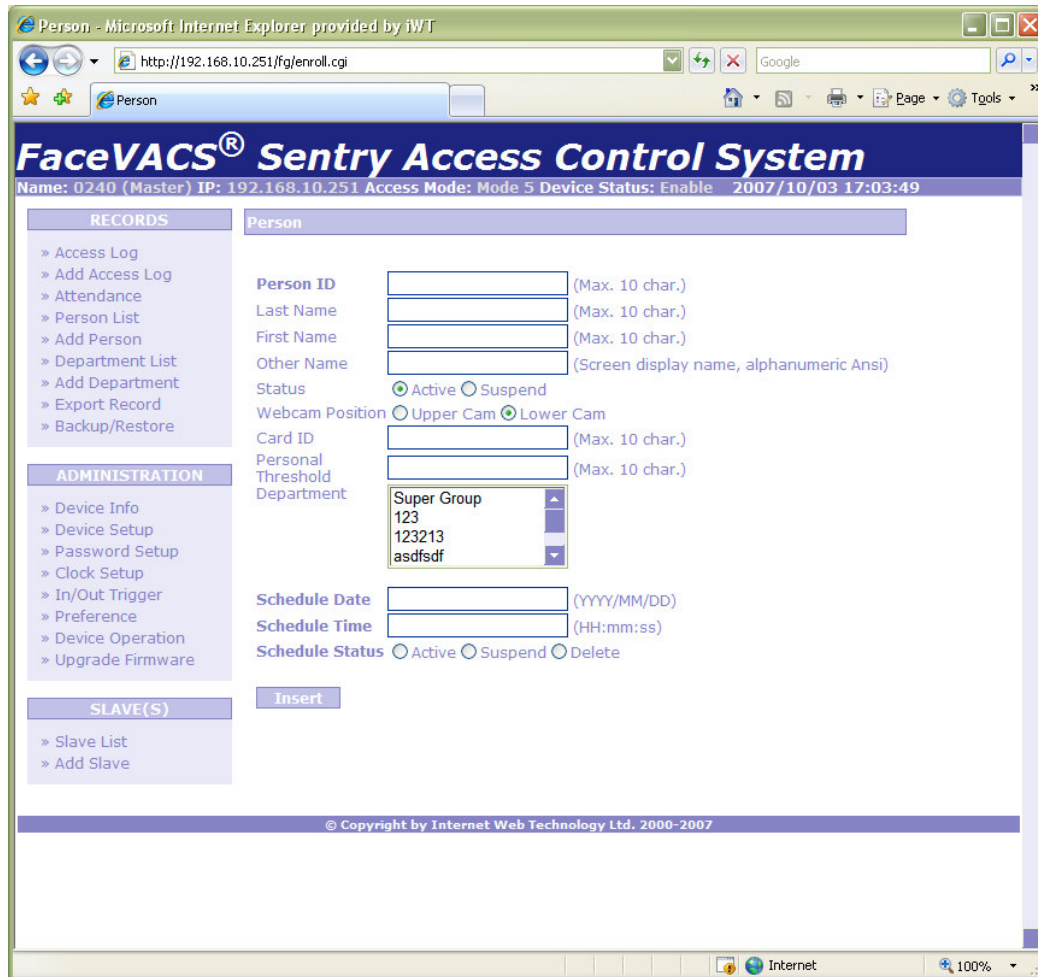
Click the "Date" item in the list to view the detail of the attendance record. It will then show the detail access records of that person on that date.

## Person

### Add Person Record

You can add a person record using the procedure illustrated as follows:

Click *Records* -> *Add Person* on the left side of the FaceVACS® Sentry web page. After clicked, you will enter this page:



In the right panel, do the following actions to add a person:

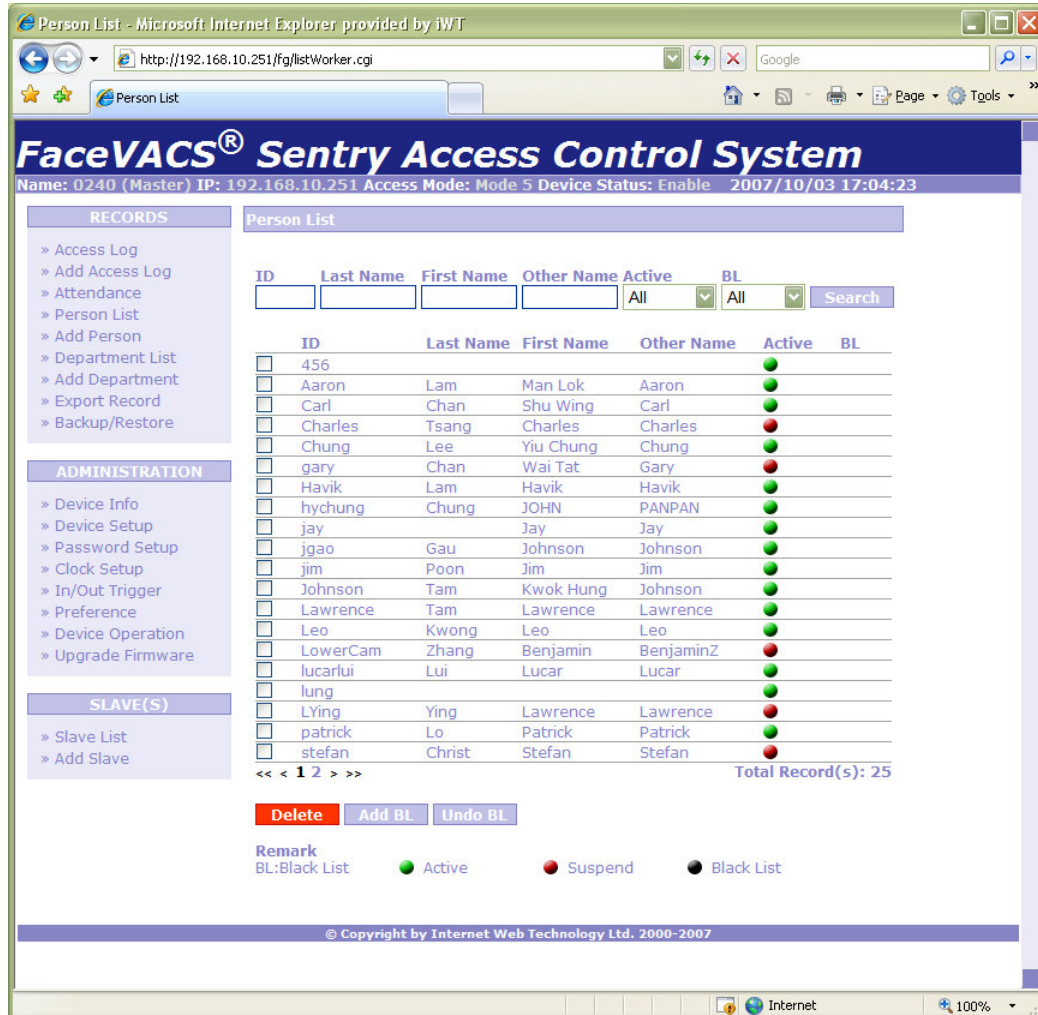
1. Fill in the unique *Person ID*
2. Optional fill in *Card ID* (require if this person will swipe card daily)
3. Select the *Department* that belong to person (if no department selected, when person swipes card in front of the device, the device will display *No Right* and this record doesn't count as attendance record)
4. Suspend Status is useful if you want to temporarily stop a user from getting into your business premises, and you may want to resume his Access Right later on
5. Choose webcam position according to person height
6. Fill in the *Personal Threshold* to override the Global FaceVACS® Threshold (refer to **Special Cards and Global FaceVACS® Threshold**) for this person
7. You can also add a schedule status for this person
8. Press "*Insert*" button to add person into the system



### View/Edit Person Record

You can view list of person records using the procedure illustrated as follows:

Click *Records* -> *Person List* on the left side of the FaceVACS® Sentry web page. After clicked, you will enter this page:



The screenshot shows the 'Person List' page of the FaceVACS® Sentry Access Control System. The browser window title is 'Person List - Microsoft Internet Explorer provided by iWT'. The address bar shows 'http://192.168.10.251/fq/listWorker.cgi'. The page header includes the system name 'FaceVACS® Sentry Access Control System' and status information: 'Name: 0240 (Master) IP: 192.168.10.251 Access Mode: Mode 5 Device Status: Enable 2007/10/03 17:04:23'.

The left sidebar contains three main sections: 'RECORDS', 'ADMINISTRATION', and 'SLAVE(S)'. The 'RECORDS' section is expanded, showing options like 'Access Log', 'Add Access Log', 'Attendance', 'Person List', 'Add Person', 'Department List', 'Add Department', 'Export Record', and 'Backup/Restore'. The 'ADMINISTRATION' section includes 'Device Info', 'Device Setup', 'Password Setup', 'Clock Setup', 'In/Out Trigger', 'Preference', 'Device Operation', and 'Upgrade Firmware'. The 'SLAVE(S)' section includes 'Slave List' and 'Add Slave'.

The main content area is titled 'Person List' and displays a table of person records. The table has columns for 'ID', 'Last Name', 'First Name', 'Other Name', 'Active', and 'BL'. Below the table are navigation controls: '<< < 1 2 > >>' and 'Total Record(s): 25'. There are also buttons for 'Delete', 'Add BL', and 'Undo BL'. A legend at the bottom indicates the status of the records: 'Remark', 'BL:Black List', 'Active' (green dot), 'Suspend' (red dot), and 'Black List' (black dot).

ID	Last Name	First Name	Other Name	Active	BL
<input type="checkbox"/>	456				
<input type="checkbox"/>	Aaron	Lam	Man Lok	Aaron	Active
<input type="checkbox"/>	Carl	Chan	Shu Wing	Carl	Active
<input type="checkbox"/>	Charles	Tsang	Charles	Charles	Suspend
<input type="checkbox"/>	Chung	Lee	Yiu Chung	Chung	Active
<input type="checkbox"/>	gary	Chan	Wai Tat	Gary	Suspend
<input type="checkbox"/>	Havik	Lam	Havik	Havik	Active
<input type="checkbox"/>	hychung	Chung	JOHN	PANPAN	Active
<input type="checkbox"/>	jay		Jay	Jay	Active
<input type="checkbox"/>	ygao	Gau	Johnson	Johnson	Active
<input type="checkbox"/>	jim	Poon	Jim	Jim	Active
<input type="checkbox"/>	Johnson	Tam	Kwok Hung	Johnson	Active
<input type="checkbox"/>	Lawrence	Tam	Lawrence	Lawrence	Active
<input type="checkbox"/>	Leo	Kwong	Leo	Leo	Active
<input type="checkbox"/>	LowerCam	Zhang	Benjamin	BenjaminZ	Suspend
<input type="checkbox"/>	lucarlui	Lui	Lucar	Lucar	Active
<input type="checkbox"/>	lung				Active
<input type="checkbox"/>	LYing	Ying	Lawrence	Lawrence	Suspend
<input type="checkbox"/>	patrick	Lo	Patrick	Patrick	Active
<input type="checkbox"/>	stefan	Christ	Stefan	Stefan	Suspend

In the right panel, you can view a list of persons order by *ID*. Click the *ID* of particular record to view/ edit the detail of the person. It will pop-up a dialog:

The screenshot shows a web browser window titled "Worker - Microsoft Internet Explorer provided by iWT". The address bar shows the URL "http://192.168.10.62/fq/enroll.cgi". The page content is titled "Worker" and contains a form for editing worker information. The form fields are as follows:

- Worker ID: 123
- Last Name: last (Max. 10 char.)
- First Name: first (Max. 10 char.)
- Other Name: other (Max. 10 char.)
- Status: ☒ Active ☐ Suspend
- Webcam Position: ☒ Upper Cam ☐ Lower Cam
- Card ID: 3061220084 (Max. 10 char.)
- Personal Threshold: (Max. 10 char.)
- Department: A dropdown menu showing "Super Group", "M001", and "M002".
- Schedule Date: (YYYY/MM/DD)
- Schedule Time: (HH:mm:ss)
- Schedule Status: ☐ Active ☐ Suspend ☐ Delete

At the bottom of the form is an "Update" button. The browser's status bar at the bottom shows "Done", "Internet", and "100%".

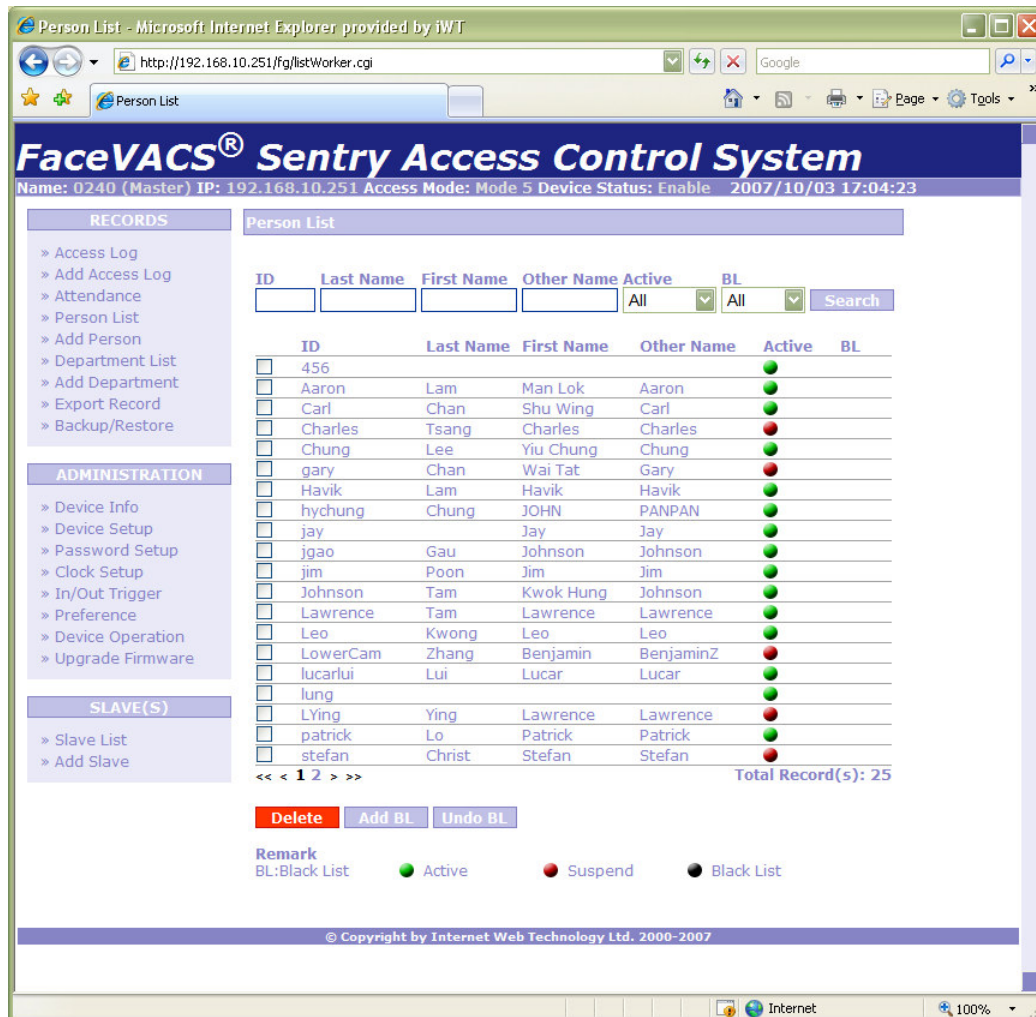
You can edit the person information (except *Person ID*) and schedule setting just like **Add Person Record section**. Press "*Update*" button if you finished your changes.



## Black List

You can black list a person using similar procedures as described above, and it is illustrated as follows:

Click *Records* -> *Person List* on the left side of the FaceVACS® Sentry web page. After clicked, you will enter this page:



In the right panel, do the following actions to black list a person:

1. Select the person ID you want to add black list by clicking the checkbox next to "ID"
2. Press "Add BL" button to black list these person ID

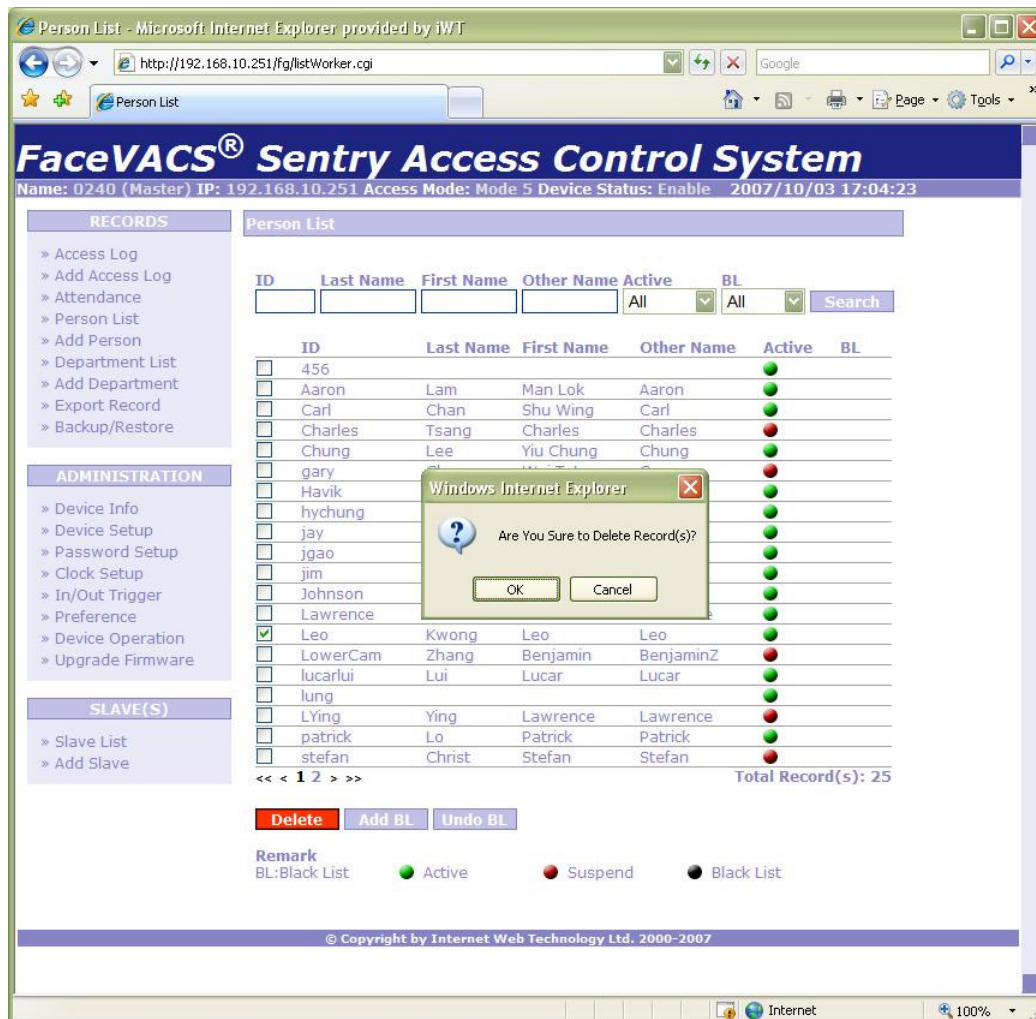
The following actions need to be taken when you remove a person from black list:

1. Select the person ID you want to remove black list by clicking the checkbox next to "ID"
2. Press "Undo BL" button to remove these person ID from black list

### Delete Person Record

You can permanently delete a user using similar procedures as described above, and it is illustrated as follows:

Click *Records -> Person List* on the left side of the FaceVACS® Sentry web page. After clicked, you will enter this page:



In the right panel, do the following action to delete person:

1. Select the person ID you want to delete by clicking the checkbox next to "ID"
2. Press "Delete" button to Delete these person ID
3. A Pop up dialog asks for confirmation of the delete person

Note:

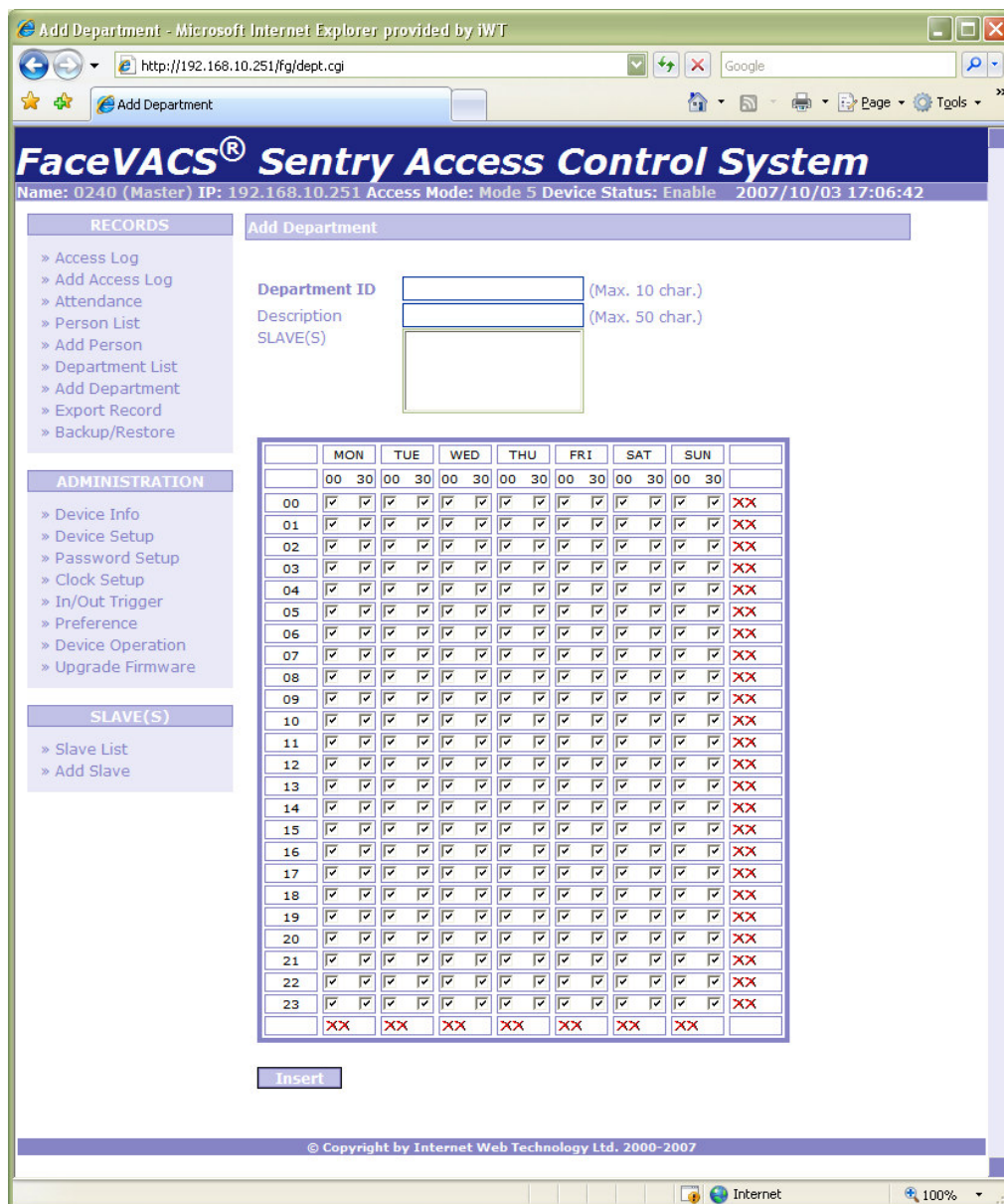
- Once an employee ID is deleted, all the information associated with the employee ID, such as Facial data and the access rights, will also be permanently deleted. You must re-enroll the employee if necessary.

## Department

### Add Department Record

Department allow to assignment different time slot with different access right. Person belong to the department should obey these rule.

To set different Access Modes, click *Records* -> *Add Department* on the left side of the FaceVACS® Sentry web page. You will enter this page:



**FaceVACS® Sentry Access Control System**  
Name: 0240 (Master) IP: 192.168.10.251 Access Mode: Mode 5 Device Status: Enable 2007/10/03 17:06:42

**RECORDS**

- » Access Log
- » Add Access Log
- » Attendance
- » Person List
- » Add Person
- » Department List
- » Add Department
- » Export Record
- » Backup/Restore

**ADMINISTRATION**

- » Device Info
- » Device Setup
- » Password Setup
- » Clock Setup
- » In/Out Trigger
- » Preference
- » Device Operation
- » Upgrade Firmware

**SLAVE(S)**

- » Slave List
- » Add Slave

**Add Department**

Department ID  (Max. 10 char.)  
Description  (Max. 50 char.)  
SLAVE(S)

	MON	TUE	WED	THU	FRI	SAT	SUN	
	00 30	00 30	00 30	00 30	00 30	00 30	00 30	
00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
02	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
03	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
04	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
05	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
06	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
07	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
08	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
09	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
	XX	XX	XX	XX	XX	XX	XX	

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In the right panel, do the following actions to add a department:

1. Type the department ID and description
2. Select the slave device(s) that have this department (if the slave doesn't belong to this department, when person belong to only this department swipes card in front of the slave, the device will display *No Right* and this record doesn't count as attendance record)

3. Select the time period (from 00:00 – 23:30 with 30 min interval, Monday to Sunday) that the persons belong to this department can access the device
4. Press “*Insert*” button to insert new department

Note:

- Avoid letting one person to join too many departments in one master (slave) FaceVACS® Sentry. It will affect the overall performance in Verification (swipe card) process. It is suggested that each person can join one or two departments only.

### **View/Edit Department Record**

To set view department's access mode, click *Records* -> *Department List* on the left side of the FaceVACS® Sentry web page. You will enter this page:

In the right panel, you can view the list of department order by department ID. In particular, there are one department with department ID “*Super Group*” which set the access right in all time by default. This department are the in-built department and can't delete using web interface.

Do the following actions to view/edit the department properties:

1. Click the *Department ID* (e.g.D0001) that you want to view/edit the detail
2. The Pop-up will show the detail of the department:

Update Department - Microsoft Internet Explorer provided by iWT

http://192.168.10.251/fg/dept.cgi

**Update Department**

**Department ID**  
 Description  (Max. 50 char.)  
 SLAVE(S)

	MON	TUE	WED	THU	FRI	SAT	SUN	
	00 30	00 30	00 30	00 30	00 30	00 30	00 30	
00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
02	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
03	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
04	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
05	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
06	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
07	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
08	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
09	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	XX
	XX	XX	XX	XX	XX	XX	XX	

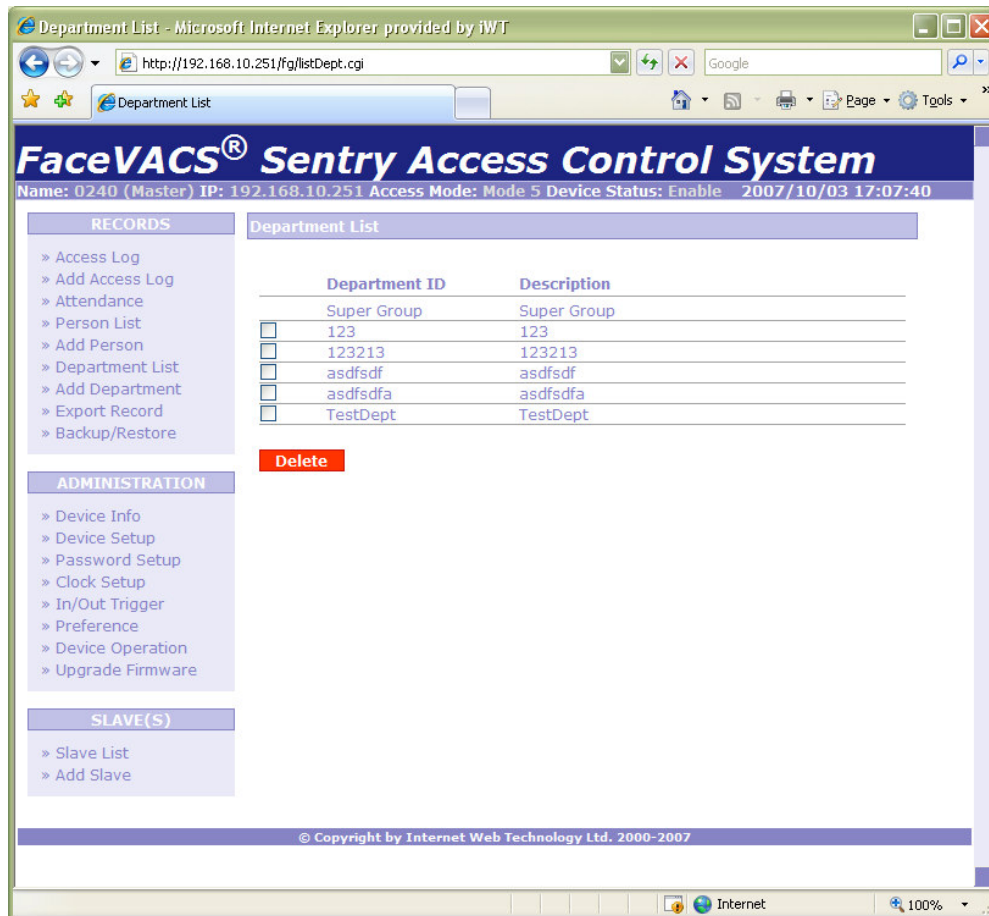
javascript:CheckCol('06',frm) Internet 100%

You can edit the department information (except *Department ID*) setting just like **Add Department Record** section. Press “*Update*” button if you finished your changes.



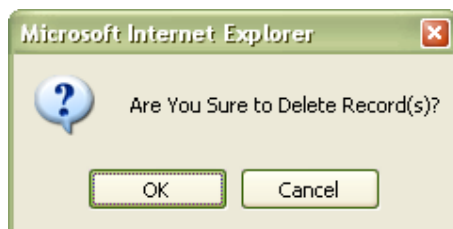
### Delete Department Record

To delete department record, click *Records -> Department List* on the left side of the FaceVACS® Sentry web page. You will enter this page:



In the right panel, do the following action to delete department (except default department "Super Group"):

1. Select the department ID you want to delete by clicking the checkbox next to "Department ID"
2. Press "Delete" button to Delete these department ID
3. A Pop up dialog asks for confirmation of the delete department:



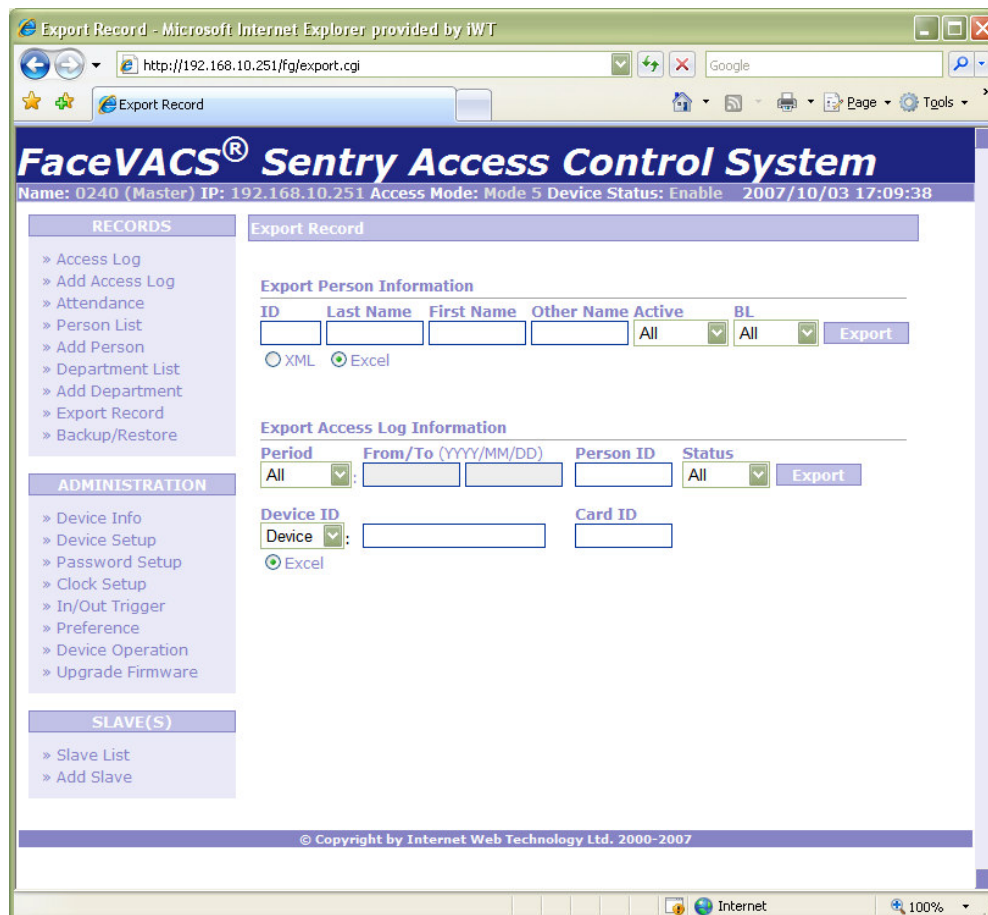
**Note:**

- Once a department ID is deleted, all the information associated with the department ID, such as person to department relationship data, will also be permanently deleted. You must re-assign the person to another department if necessary.

## Reports

### Export Person Record

Click on the link **Export Record** in the left panel, you can enter this page:-



The screenshot shows a web browser window titled "Export Record - Microsoft Internet Explorer provided by iWT". The address bar shows "http://192.168.10.251/fg/export.cgi". The page header displays "FaceVACS® Sentry Access Control System" and system information: "Name: 0240 (Master) IP: 192.168.10.251 Access Mode: Mode 5 Device Status: Enable 2007/10/03 17:09:38".

The left sidebar contains three main sections:
 

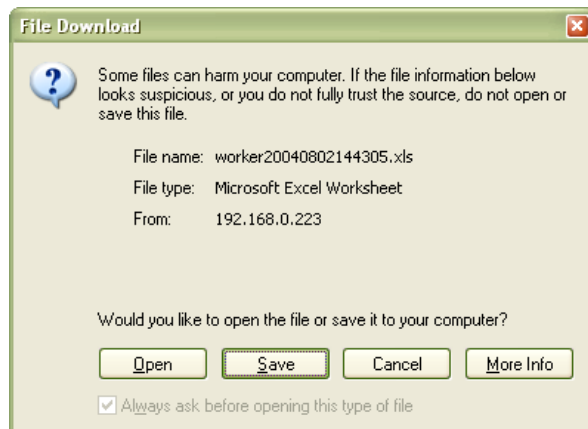
- RECORDS**: Access Log, Add Access Log, Attendance, Person List, Add Person, Department List, Add Department, Export Record (selected), Backup/Restore.
- ADMINISTRATION**: Device Info, Device Setup, Password Setup, Clock Setup, In/Out Trigger, Preference, Device Operation, Upgrade Firmware.
- SLAVE(S)**: Slave List, Add Slave.

The main content area is titled "Export Record" and contains two sections:
 

- Export Person Information**: Fields for ID, Last Name, First Name, Other Name, Active (dropdown), and BL (dropdown). Below these are radio buttons for XML and Excel (selected). An "Export" button is present.
- Export Access Log Information**: Fields for Period (dropdown), From/To (YYYY/MM/DD), Person ID, and Status (dropdown). An "Export" button is present.

At the bottom, there are fields for Device ID (with a dropdown) and Card ID, and a radio button for Excel (selected). The footer shows "© Copyright by Internet Web Technology Ltd. 2000-2007".

This page shows the export person information and access log information with searching criteria. After clicked "Export" button under *Export Person Information*, the dialog will pop up:



The screenshot shows a "File Download" dialog box with a warning icon. The text inside reads: "Some files can harm your computer. If the file information below looks suspicious, or you do not fully trust the source, do not open or save this file."

The file information displayed is:
 

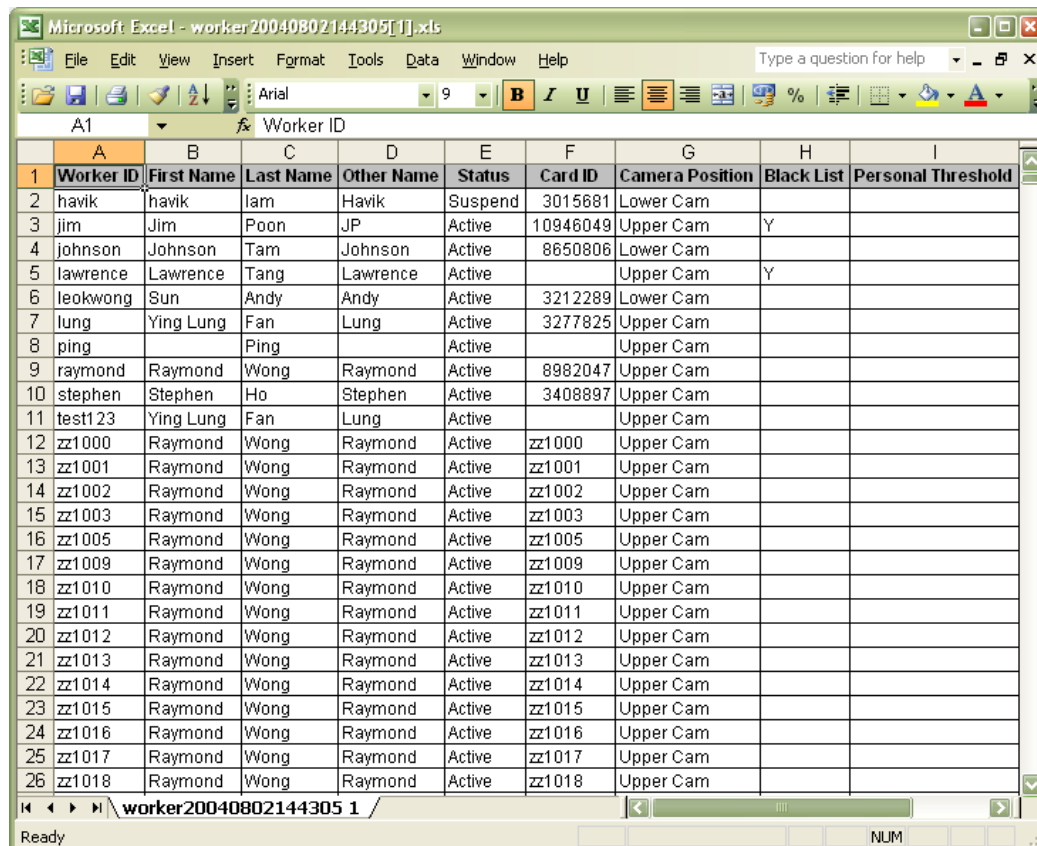
- File name: worker20040802144305.xls
- File type: Microsoft Excel Worksheet
- From: 192.168.0.223

Below the information, it asks: "Would you like to open the file or save it to your computer?". There are four buttons: "Open", "Save", "Cancel", and "More Info". At the bottom, there is a checkbox labeled "Always ask before opening this type of file" which is checked.



It will ask for saving the exported information to file. You can then download XML/Excel for the exported information to your local harddisk.

The example export person information is showed as following:



The screenshot shows a Microsoft Excel window titled "worker20040802144305[1].xls". The table contains the following data:

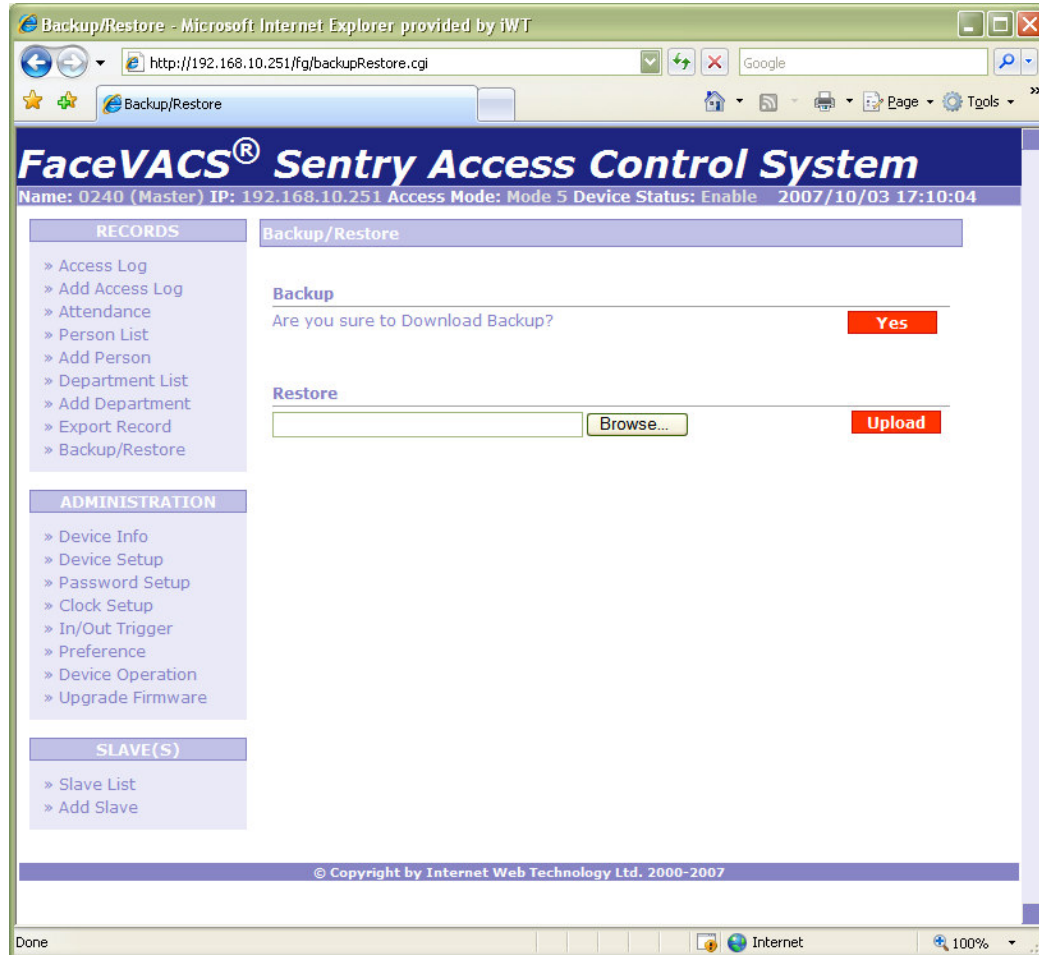
	A	B	C	D	E	F	G	H	I
	Worker ID	First Name	Last Name	Other Name	Status	Card ID	Camera Position	Black List	Personal Threshold
2	havik	havik	Iam	Havik	Suspend	3015681	Lower Cam		
3	jim	Jim	Poon	JP	Active	10946049	Upper Cam	Y	
4	johnson	Johnson	Tam	Johnson	Active	8650806	Lower Cam		
5	lawrence	Lawrence	Tang	Lawrence	Active		Upper Cam	Y	
6	leokwong	Sun	Andy	Andy	Active	3212289	Lower Cam		
7	lung	Ying Lung	Fan	Lung	Active	3277825	Upper Cam		
8	ping		Ping		Active		Upper Cam		
9	raymond	Raymond	Wong	Raymond	Active	8982047	Upper Cam		
10	stephen	Stephen	Ho	Stephen	Active	3408897	Upper Cam		
11	test123	Ying Lung	Fan	Lung	Active		Upper Cam		
12	zz1000	Raymond	Wong	Raymond	Active	zz1000	Upper Cam		
13	zz1001	Raymond	Wong	Raymond	Active	zz1001	Upper Cam		
14	zz1002	Raymond	Wong	Raymond	Active	zz1002	Upper Cam		
15	zz1003	Raymond	Wong	Raymond	Active	zz1003	Upper Cam		
16	zz1005	Raymond	Wong	Raymond	Active	zz1005	Upper Cam		
17	zz1009	Raymond	Wong	Raymond	Active	zz1009	Upper Cam		
18	zz1010	Raymond	Wong	Raymond	Active	zz1010	Upper Cam		
19	zz1011	Raymond	Wong	Raymond	Active	zz1011	Upper Cam		
20	zz1012	Raymond	Wong	Raymond	Active	zz1012	Upper Cam		
21	zz1013	Raymond	Wong	Raymond	Active	zz1013	Upper Cam		
22	zz1014	Raymond	Wong	Raymond	Active	zz1014	Upper Cam		
23	zz1015	Raymond	Wong	Raymond	Active	zz1015	Upper Cam		
24	zz1016	Raymond	Wong	Raymond	Active	zz1016	Upper Cam		
25	zz1017	Raymond	Wong	Raymond	Active	zz1017	Upper Cam		
26	zz1018	Raymond	Wong	Raymond	Active	zz1018	Upper Cam		

### Export Access Record

Export Access Record function is similar to Export Person Record, except that you need to clicked "Export" button under *Export Access Log Information* instead of *Export Person Information*

## Backup & Restore

To prevent the data loss, FaceVACS® Sentry also provided the pages for backup and restores the device's internal data. Click on the link **Backup/Restore** in the left panel, you can enter this page:-



To backup, click Yes button and save the .DAT file to your local harddisk. To restore, click Browse button to select the file you want to upload. Then click Upload button to finish the restore process.

## Managing Your Slave FaceVACS® Sentry

FaceVACS® Sentry provides a great architecture that can synchronize all required access control data between one FaceVACS® Sentry master and slave(s) group. Administrator/User only needs to do few steps in order to register the slave to particular master. After register, master and slave will auto synchronize their data and status without and user involvement.

You should login to the web based system according to section “**Configuring Your FaceVACS® Sentry**” before view/edit the records.

**Make FaceVACS® Sentry as Slave device**

To make the device as slave, you should click *Administration* -> *Device Setup* on the left side of the FaceVACS® Sentry web page. You will enter this page:

The screenshot shows a web browser window titled "Device Setup - Microsoft Internet Explorer provided by iWT". The address bar shows "http://192.168.10.251/fg/dSetting.cgi". The page header displays "FaceVACS® Sentry Access Control System" and "Name: 0240 (Master) IP: 192.168.10.251 Access Mode: Mode 5 Device Status: Enable 2007/10/03 12:26:06".

The left sidebar contains two main sections: "RECORDS" and "ADMINISTRATION".

- RECORDS**
  - » Access Log
  - » Add Access Log
  - » Attendance
  - » Person List
  - » Add Person
  - » Department List
  - » Add Department
  - » Export Record
  - » Backup/Restore
- ADMINISTRATION**
  - » Device Info
  - » Device Setup
  - » Password Setup
  - » Clock Setup
  - » In/Out Trigger
  - » Preference
  - » Device Operation
  - » Upgrade Firmware

The main content area is titled "Device Setup" and contains the following fields and options:

- Device ID**: 0240 (Max. 10 char.)
- Internet Address**: [Empty field]
- Master/Slave**: ☒ Master Device ☐ Slave Device
- IP Address**: ☒ 192.168.10.251
- DNS IP**: 192.168.0.1
- Gateway IP**: 192.168.0.254
- Subnet Mask**: 255.255.255.0
- Time Server Address**: [Empty field]
- Device Status**: ☒ Enable ☐ Disable
- Card Type**: ☒ 3 Bytes ☐ 4 Bytes ☐ HEX

An "Update" button is located below the "Card Type" options.

At the bottom of the page, there is a footer: "© Copyright by Internet Web Technology Ltd. 2000-2007".

Select the *Slave Device* in *Master/Slave* radio button and then press update. It will then reboot and become a slave device.

This page appears in the section **Setting the Device Configuration and IP Address**. Please refer to that section for the detail operation.

## Join Slave to Master

### Add Slave Record in Master

To make the device support master/slave configuration, you should add slave device IP address or hostname to the master device. To add slave, click *Slave(s)* -> *Add Slave* on the left side of the FaceVACS® Sentry web page. You will enter this page:

Device - Microsoft Internet Explorer provided by iWT

http://192.168.10.251/fg/device.cgi

Google

Device

**FaceVACS® Sentry Access Control System**

Name: 0240 (Master) IP: 192.168.10.251 Access Mode: Mode 5 Device Status: Enable 2007/10/03 17:11:16

**RECORDS**

- » Access Log
- » Add Access Log
- » Attendance
- » Person List
- » Add Person
- » Department List
- » Add Department
- » Export Record
- » Backup/Restore

**ADMINISTRATION**

- » Device Info
- » Device Setup
- » Password Setup
- » Clock Setup
- » In/Out Trigger
- » Preference
- » Device Operation
- » Upgrade Firmware

**SLAVE(S)**

- » Slave List
- » Add Slave

**Device**

Device ID  (Max. 10 char.)

Device URL  (Max. 50 char.)

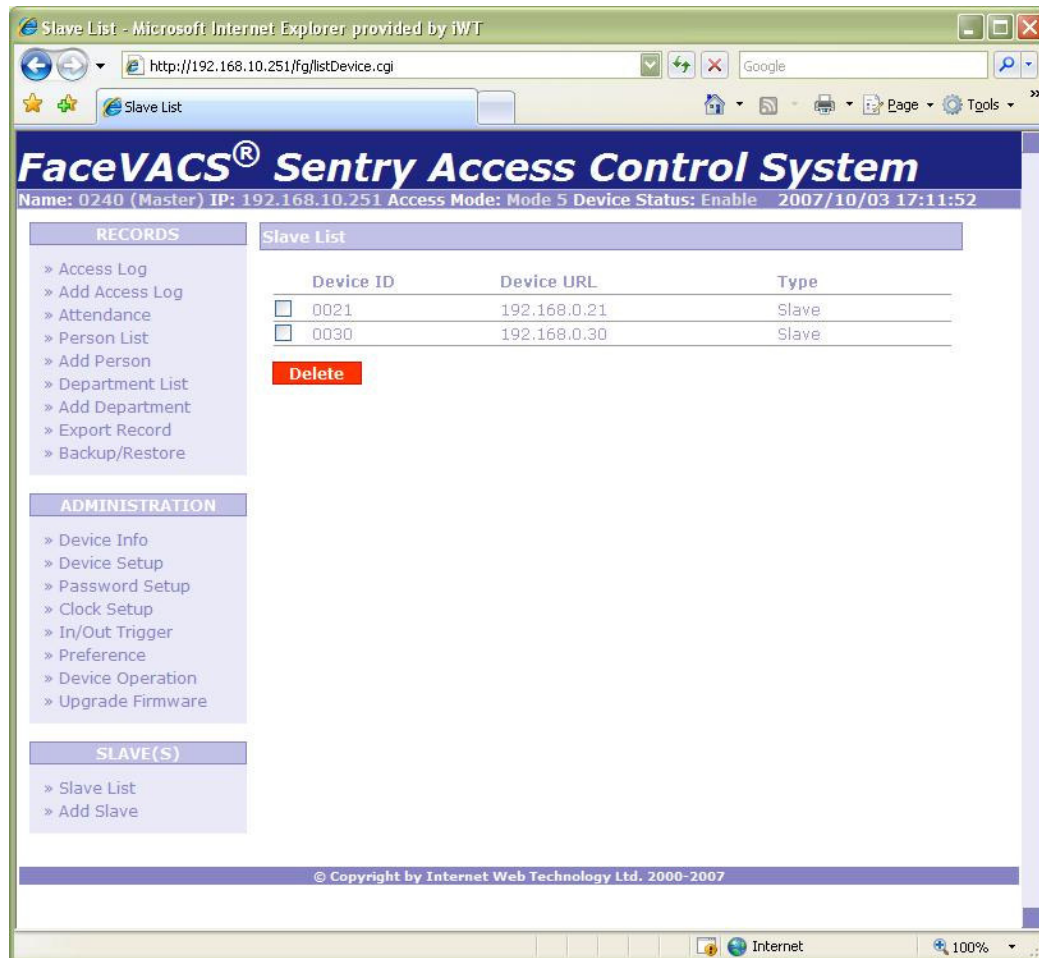
Insert

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Type the device ID and device URL (IP address/hostname) and click insert add the slave to this master/slave group. After adding the slave device, all the necessary information of the master will be synchronized to the slave.

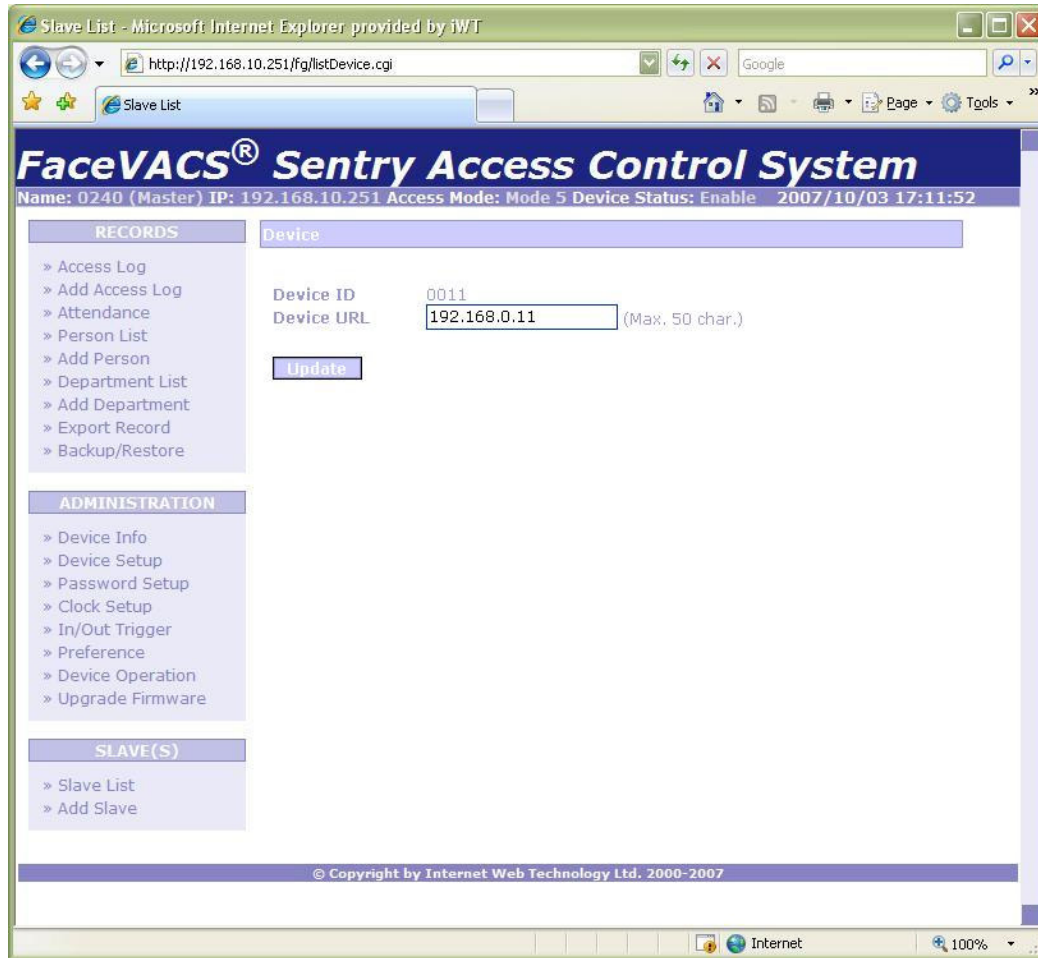
**View/Edit Slave Record in Master**

To view/edit slave, click *Slave(s)* -> *Slave List* on the left side of the FaceVACS® Sentry web page. You will enter this page:



In the right panel, you can view the detail list of Slave order by device ID. Do the following actions to view/edit the department properties:

1. Click the *Device ID* (e.g.0021) that you want to view/edit the detail
2. it will redirect to another pages:

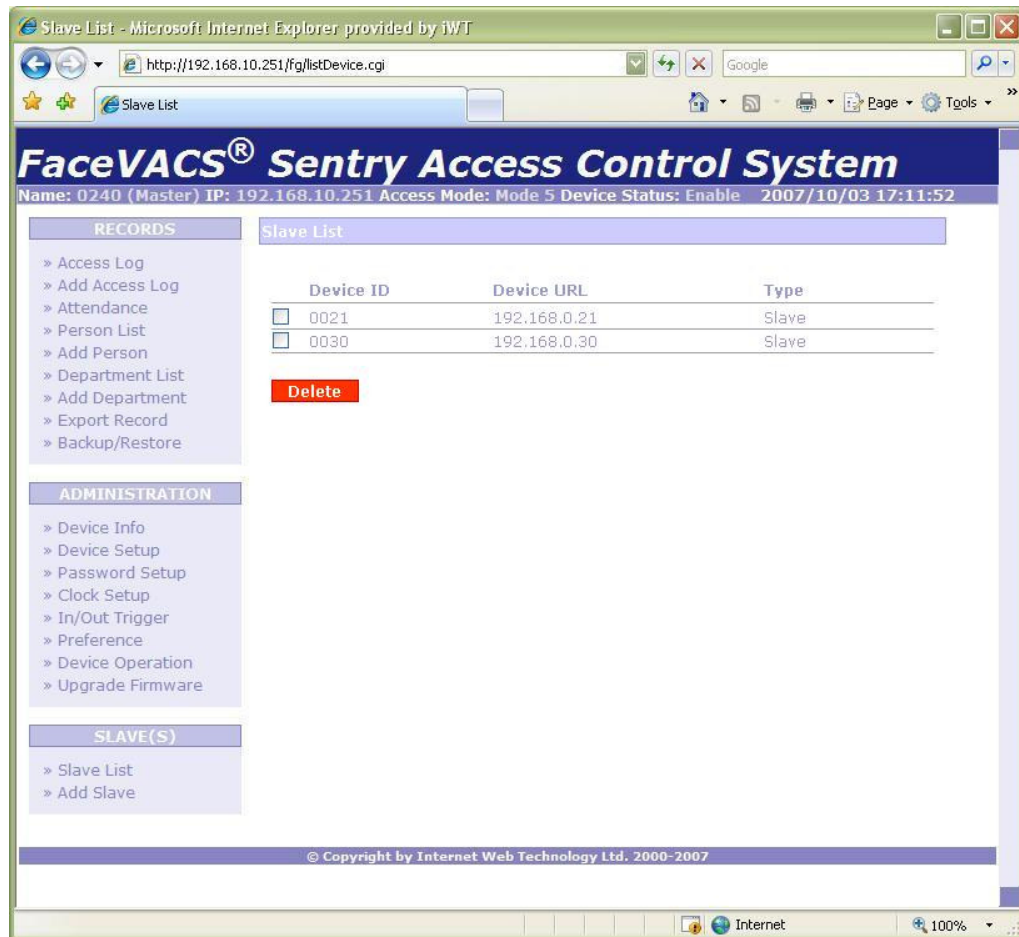


You can change the Device URL in this page. Press “*Update*” button if you finished your changes.



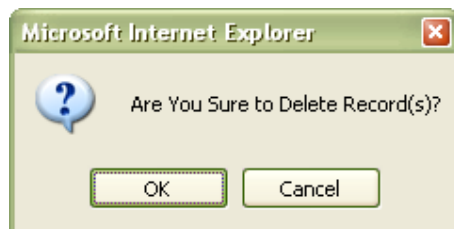
**Delete Slave Record in Master**

To delete slave record, click *Slave(s)* -> *Slave List* on the left side of the FaceVACS® Sentry web page. You will enter this page:



In the right panel, do the following action to delete slave:

4. Select the device ID you want to delete by clicking the checkbox next to "Device ID"
5. Press "Delete" button to Delete these device ID
6. A Pop up dialog asks for confirmation of the delete slave:



## Daily FaceVACS® Sentry Operation

Daily Operation in front of FaceVACS® Sentry includes the enrollment process and verification process. It is a user friendly operation and person only needs to show their smart card in front of FaceVACS® Sentry to finish all processes.

Enrollment process means that the physical procedure to register the photo into device and make the photo related to particular person. Before the enrollment process, users/administrators should add the person record (and also the smart card ID) using web interface.

Verification process means that recording daily in / out records with smart card and Cognitec FaceVACS® Technology. Person obtains the valid access record in FaceVACS® Sentry (and can pass through the border) should swipe their smart card and show their face in front of FaceVACS® Sentry.

## Enrollment


Enrollment process is divided into 2 parts:

- enter the employee personal particulars and smart card serial number via Internet browser
- face image capture in front of the camera of FaceVACS® Sentry device

During the enrollment process, a person's face image is captured, and the information of the image is extracted and stored in the internal database for later verification.

During the process, face image is captured for feature extraction and analysis within 5 seconds time. If the quality of all the frames captured is not good enough, you will be asked take photo again.

After firmware version 2.3.0, enrollment process can be done in Slave device. All the enrolled data and image will be synchronized to master and other slaves automatically after the enrollment process.

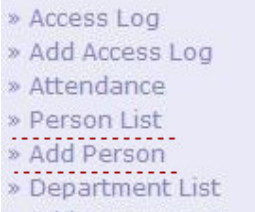
Step Description	Screenshot / LCD Text
1. Launch Internet browser and enter username password	Refer to " <b>Configuring Your FaceVACS® Sentry</b> "
2. Click "Add Person" in the left side of the web page	 Refer to " <b>Exam Your FaceVACS® Sentry Record</b> " -> <b>Person</b> -> <b>Add Person</b>
3. Input Person particulars, the serial number of smart card assigned and add record	Refer to " <b>Exam Your FaceVACS® Sentry Record</b> " -> <b>Person</b> -> <b>Add Person</b>
4. Come to FaceVACS® Sentry with Administrator's smart card	
5. Stand in front of FaceVACS® Sentry and look at the camera. Present the Administrator's card	
6. Then it will ask for the presentation of employee smart card	Enrollment Person Card
7. Afterward, it will start the facial enrollment process	1st Image
	2nd Image
8. Enrollment successful	OK
Enrollment Fail	Fail
9. Return to Standby mode automatically (refer to picture below)	01/01 10:17 Show Card



Picture: Standby Mode

### Auto Enrollment

Auto Enrollment (Mode 5) process is nearly the same with Enrollment process except it does not need the admin card present.

Step Description	Screenshot / LCD Text
1. Launch Internet browser and enter username password	Refer to " <b>Configuring Your FaceVACS® Sentry</b> "
2. Click "Add Person" in the left side of the web page	 Refer to " <b>Exam Your FaceVACS® Sentry Record</b> " -> <b>Person</b> -> <b>Add Person</b>
3. Input Person particulars, the serial number of smart card assigned and add record	Refer to " <b>Exam Your FaceVACS® Sentry Record</b> " -> <b>Person</b> -> <b>Add Person</b>
4. Stand in front of FaceVACS® Sentry and look at the camera. Present employee smart card	
5. Afterward, it will start the facial enrollment process	1st Image
	2nd Image
If the smart card show in point 4 is invalid card	Invalid ID Fail
6. Enrollment success	OK
Enrollment fail	Fail
9. Return to Standby mode automatically (refer to picture below)	01/01 10:17 Show Card

**Verification**

The device uses the enrolled facial information to identify the person. The verification process is very simple and straightforward, and is illustrated in the following steps:-

Description	LCD Display
1. While in Standby Mode, present the smart card	01/01 10:17 Show Card
2. Glance over the camera and hold for 1 second (refer to picture below)	
3. If you are authenticated, the device will open the door, and will return to the Standby Mode.	OK
If you can't authenticate, the device will return to the Standby Mode.	Unauthorized
4. Return to Standby mode automatically	01/01 10:17 Show Card



Picture: Capturing Mode