



**REVOFACE**

FACE RECOGNITION  
ACCESS CONTROL

Made To Handle All Environments

RF-100 / RF-100M



User Manual

XID REVOFace

Facial Recognition Access Control System

Release 2.3

## About This Manual

This document introduces the user interface and menu operations of XID REVOFace. For the installation please refer to *REVOFace Installation Guide*.

### CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.  
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

### **Regulatory Information**

#### **Federal Communication Commission Notice**

FCC Identifier: R9UXID-RF100

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance to this equipment would void the user's authority to operate this device.

#### **EC R&TTE directive:**

We, hereby declare that the above named module is in conformity to all the essential requirements of Directive 1999/5/EC. The Conformity Assessment procedure referred to Article 10 and detailed in Annex [III] or [IV] of Directive 1999/5/EC has been followed with involvement of the following notified body:

TIMCO ENGINEERING, INC., P.O BOX 370, NEW BERRY, FLORIDA 32669.

Identification mark: 1177 (Notified Body number)

**CE 1177**

The technical documentation relevant to the above equipment is held at:  
XID TECHNOLOGIES PTE. LTD.  
42 MACTAGGART ROAD  
#07-01, MACTAGGART BUILDING  
SINGAPORES 368086

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## 1 Product Overview

XID REVOFace is a state of the art biometric solution for face recognition based access control, powered by an innovative, patent pending illumination method that guarantees consistent image capture in any lighting environment from pitch black darkness to the brightest sunlight. It can be configured in any of the following combinations depending upon user requirements.

- Pin and Face verification access
- Card and Face verification access
- Face identification access

The highly flexible architecture allows for a centralized database, remote configuration management, user administration, verification monitoring and event viewing from clients specifically designed for this purpose.

### REVOface Wall-Mount Unit



## 2 REVOFace Main Application

Working with REVOFace is simple and intuitive.

### 2.1 Main Screen

Date/Time – Display current system date/time

Door Bell – Trigger Door Bell

Identification – Start Identification of user (Refer to [Section 2.2](#))

KeyPad – Display keypad for entering card number or administration password

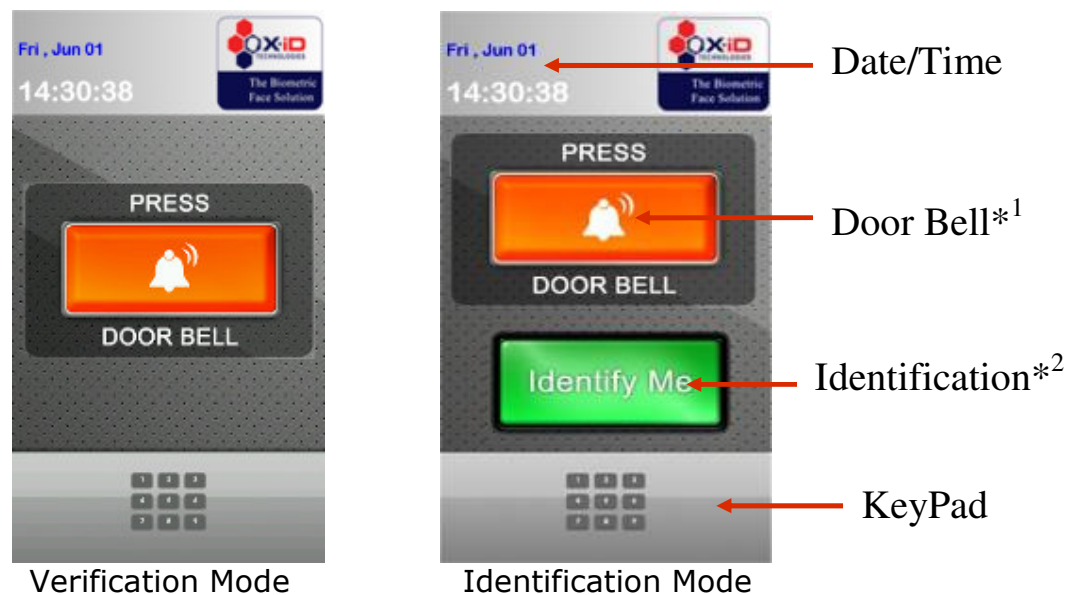


Figure 6

*\*<sup>1</sup>Devices with Video Intercom features enabled will be triggered to start calling video intercom when doorbell button is pressed. Proceed to [Section 5](#) for more information about Video Intercom.*

*\*<sup>2</sup>Devices operating under Verification mode will not have this button. Proceed to [Section 2.2](#) for more information about operation mode.*

## 2.2 Access control mode & characteristics

Two access control modes: Verification (1-1) and Identification (1-N). They serve different business requirements and have certain characteristics in terms of the way of access, processing performance and security level.

### 2.2.1 User Verification Mode (1-1)

REVOFace can be configured to operate under User Verification Mode. In this mode device


- Require the presence of a Card or input of a PIN from keypad
- Determine whether system has profile corresponding to the provided Card/PIN
- Verify if user is the one who has done the enrolment
- Display access result and trigger door action
- 



### 2.2.2 User Identification Mode (1-N)

REVOFace can be configured to operate under User Verification Mode. In this mode device always try to


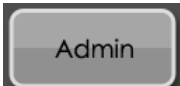





- Require user action (press  button) to start Identification process
- Search through system to identify if user belongs to any one of the profile enrolled
- Display access result and trigger door action
- 

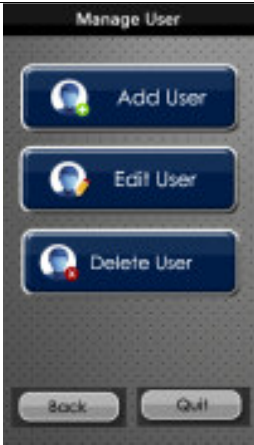
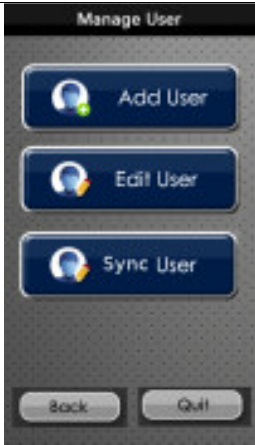


## 2.3 Administration

In device administration features are included in standard REVOFace devices.

<p>Administration menu can be access by,</p> <ul style="list-style-type: none"> <li>• Touch  at the bottom of device main screen</li> <li>• Choose  and key in 4-digit administration password (default as 1234)</li> </ul>	 
<p>Under administration menu there are,</p> <ul style="list-style-type: none"> <li>• Manage User</li> <li>• Device Info</li> <li>• Setting</li> <li>• Shut Down</li> </ul>	

### 2.3.1 Manage User

<p>Manage User menu includes,</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Add User</li> <li><input type="checkbox"/> Delete User (Only Applicable for Standalone Device) – Figure 7-1</li> <li><input type="checkbox"/> Edit User                         <ul style="list-style-type: none"> <li>.1 ID&amp;PASSWORD</li> <li>.2 EDIT PHOTO</li> </ul> </li> <li><input type="checkbox"/> Sync User (Only Applicable for Device connected with <a href="#">REVOFace Central Management System</a>) – Figure 7-2</li> </ul>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Figure 7-1</p> </div> <div style="text-align: center;">  <p>Figure 7-2</p> </div> </div>
---	---

### 2.3.1.1 Add User

The device will now be admin menu if the entered password was correct.

Tap the Add User button to add new user and tap on the camera button in the add user screen start face capture for enrollment.

*Tap here*



Figure 8



Figure 9

Face is captured and eyes are detected and displayed with the eyes marked with green dots. If eyes are marked correctly, tap on the 'Yes' button to continue with the enrollment. If not tap on the 'No' button to take another picture.

Once the 'Yes' button is tapped, the card number entry screen will be shown. Tap the card as shown in **Figure 10** to enter the card number for this use. You can also tap on the keypad button and enter the card number manually.

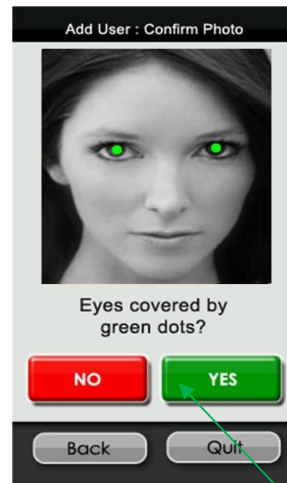


Figure 10



Figure 11

Tap on the 'Continue' button to complete the enrollment.

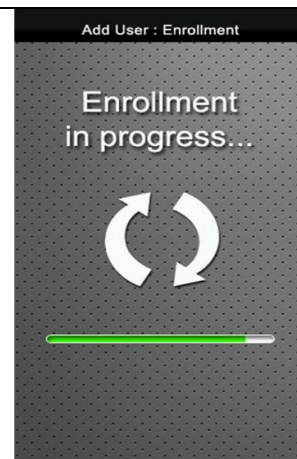


Figure 12

### 2.3.1.2 Delete User

From the administration menu, tap on the "Edit User" button. The user search screen is displayed. Tap or type in the required users' card number to edit the user, or tap on 'Browse All User' to search for the user.



Figure 13

If 'Browse All Users' was selected, then the enrolled users are displayed 1 by 1. Go to the next or previous user by tapping on the forward or back buttons. Once the required user is found, tap in the 'Continue' button.



Figure 14

The user menu is displayed. Tap on 'Delete User' to delete the user.



Figure 15

A confirmation screen is displayed. Tap on 'Yes' to confirm deletion of the user. The user will now be deleted from the database.

The successful delete screen will be displayed. Tap on 'Done' to go back to the administrator menu.

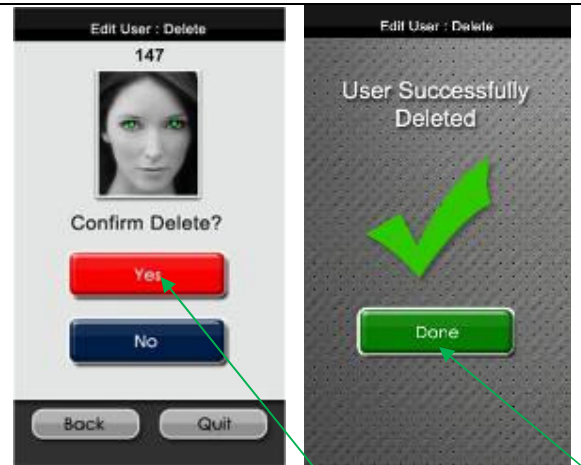


Figure 16

### 2.3.1.3 Edit User

From the administration menu, tap on the "Edit User" button. The user search screen is displayed. Tap or type in the required users' card number to edit the user, or tap on 'Browse All User' to search for the user.



Figure 17

*Tap Here*

If 'Browse All Users' was selected, then the enrolled users are displayed 1 by 1. Go to the next or previous user by tapping on the forward or back buttons.

Once the required user is found, tap in the 'Continue' button.

The user menu is displayed. Tap on 'Manage Photos' to manage the photo for user.



Figure 18



Figure 19

*Tap Here*

A manage photo screen is displayed. There are two buttons for adding and deleting photo for user.

#### For Adding Photo:

Tap on 'Add' to add more photos for user and tap on the camera button in the edit user screen start face capture for adding more photos.



Figure 20



Figure 21

*Tap Here*

Face is captured and eyes are detected and displayed with the eyes marked with green dots. If eyes are marked correctly, tap on the 'Yes' button to continue with adding photo. If not, tap on the 'No' button to take another picture.

Once the 'Yes' button is tapped, the photo successfully added screen will be displayed. Tap on 'Done' to go back to the user menu.



Figure 22

### For Deleting Photo:

In Manage Photos Menu, tap 'Forward' button to select photo you want to delete and tap on 'Delete' to delete it.

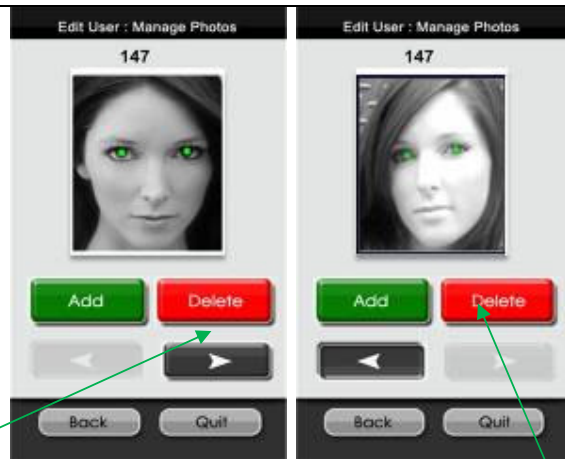


Figure 23

Figure 24 Tap Here

A confirmation screen is displayed. Tap on 'Yes' to confirm deletion of the photo. That photo will now be deleted from the database.

The successful delete screen will be displayed. Tap on 'Done' to go back to manage photos menu.



Figure 25

Figure 25

Figure 25

## ID & PASSWORD

### For Changing User ID:

From the administration menu, tap on the "Edit User" button. The user search screen is displayed. Tap or type in the required users' card number to edit the user, or tap on 'Browse All User' to search for the user.



Figure 26

If 'Browse All Users' was selected, then the enrolled users are displayed 1 by 1. Go to the next or previous user by tapping on the forward or back buttons.

Once the required user is found, tap in the 'Continue' button.

The user menu is displayed. Tap on 'ID & Password' to change ID card number for user.

*Tap Here*



Figure 27



Figure 28 *Tap Here*

The ID & Password Screen is displayed. Tap on 'Keypad' to enter new number for user and tap on 'OK' in the keypad.

The successful changed screen will be displayed. Tap on 'Done' to go back to edit user menu.

*Tap Here*

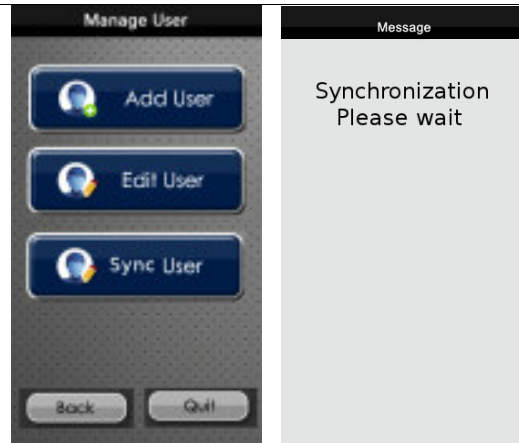


Figure 29

### 2.3.1.4 Sync User

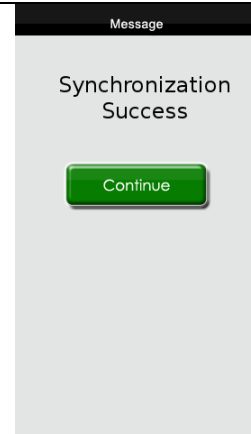
After selecting 'Sync User' from 'Manage User' menu, device will try to do user enrolment data synchronization on Central Management System and REVOFace device to keep both updated.

By default, device will automatically do this once per day without any action from user.



Screen will show 'Synchronization Success' when the synchronization has ended. 'Continue' button will take you back to the 'Manage User' menu.

Your new enrolment data are now copied to Central Management System!



### 2.3.2 Device Info

From the admin menu, tap on the 'Settings' button to go to the settings screen. On the settings screen, tap on 'Device Info' to show device information.

*Tap Here*



*Tap Here*

### 2.3.3 Setting

Refer to [Section 2.4](#) for information about System Setting.

### 2.3.4 Shut Down

Tap on the 'Shutdown' button in administration screen to shut down the device.

You will be asked to confirm that you want to shutdown the device. Tap on the 'Yes' button to shut down the system. Taping on the 'NO' button will go back to the administration screen.

*Tap Here*



## 2.4 System Setting

### 2.4.1 Change Password

Tap on the "Settings" button in the administration screen to go to the settings screen. Tap on 'Change Password'. You will be asked to enter the current password. Enter the current password and tap on 'OK'.

*Tap Here*



Figure 30



Figure 31

*Tap Here*

You will now be asked to enter the new password. Enter the new password and then tap on 'OK'.

You will be asked to confirm the new password. Key in the new password and tap on 'OK'.

*Tap Here*



Figure 32



Figure 33

*Tap Here*

The 'password changed' page will be shown. Tap on the 'Done' button to go back to the administration screen.



Figure 34

*Tap Here*

## 2.4.2 Set date and time

From the administration screen, tap on the 'Settings' button to go to the settings menu screen.

Tap on the 'Set date and time' button. The current date and time is displayed. Tap on 'Change Date' to change the system date.

*Tap Here*



Figure 35



Figure 36

Enter the new date and tap on the 'OK' button. The new date will be set. Tap on 'Continue' to go back to the System Date and Time screen.

You can change the system time similarly from the System Date and Time screen by tapping on the 'Change Time' button.



Figure 37 *Tap Here*



Figure 38

### 2.4.3 LAN Configuration

From the administration screen, tap on the 'Settings' button to go to the settings menu screen.

Tap on the 'LAN Configuration' button. There are two Configurations in current LAN Configuration such as 'DHCP' and 'STATIC IP'.

**For 'STATIC IP':**

Tap on 'STATIC IP' to change the LAN configuration.

*Tap Here*



Figure 39



Figure 40

You will be asked to enter the IP Address. Enter the IP Address and tap on 'NEXT'.

You will now be asked to enter the Gateway Address. Enter the Gateway Address and then tap on 'NEXT'.

*Tap Here*



Figure 41

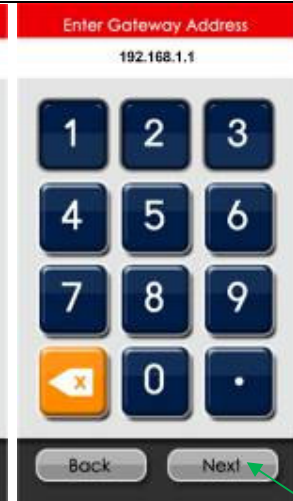


Figure 42

*Tap Here*

You will be asked to enter the Subnet Mask address. Key in the address and tap on 'NEXT'.

The new LAN Configuration will be set. Tap on 'Continue' to go back to the LAN Configuration screen.

*Tap Here*



Figure 43



Figure 44

*Tap Here*

**For 'DHCP':**

Tap on 'DHCP' to change the LAN configuration. The new LAN Configuration will be set and tap on 'Continue' to go back to the LAN Configuration screen.

*Tap Here*

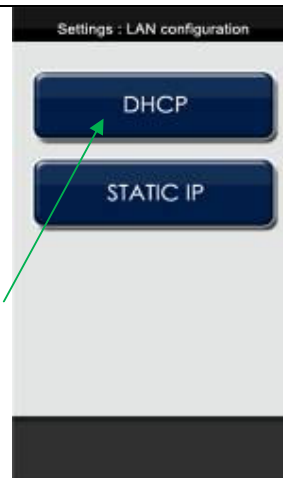


Figure 45



Figure 46

## 2.4.4 Preference

### 2.4.4.1 Introduction





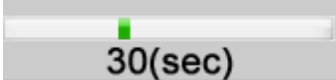
Preference menu allow system administrator to adjust device behaviour in varies ways including activating/deactivating functions and increasing/decreasing parameters in functions.

Some devices may not have all the functions listed due to different configuration of devices.



Figure 47

### 2.4.4.2 Graphical User Interface

Function is disabled	
Function is enabled	
Decrease specific function parameter	
Increase specific function parameter	
Current value of the function parameter	

**2.4.4.3 Specification**

<b>Clear Log Files Automatically</b>	REVOFace will or will not clear log files automatically when disk free space is less than 10% of all
<b>Door Sensor Security Alarm</b>	REVOFace will or will not trigger alarm when door is kept opened for too long
<b>Screen Saver Time</b>	How long will Screen Saver wait for being activated when there's no user action (Including any motion detected by 2.4.4.6 Motion Detection function if enabled)
<b>Door Open Time</b>	How long will REVOFace keep the door opened after every successful authentication
<b>Door Normally Closed</b>	Configure REVOFace to operate with fail-secure lock instead of fail-safe lock
<b>Enable Motion Detection</b>	REVOFace will or will not exit screen saver when any motion in front of device is detected by motion detection sensor
<b>Enable Card/PIN Only Mode</b>	REVOFace will or will not skip face recognition process for enrolled user with correct Card/PIN
<b>Display Doorbell</b>	Display doorbell in the main page

## **3 Web Based Administration**

### **3.1 Operating Environment Setup**

XID REVOFace can be administered from any modern standards complaint web browser. Recommended browsers are:

Firefox 10 and above

Google Chrome

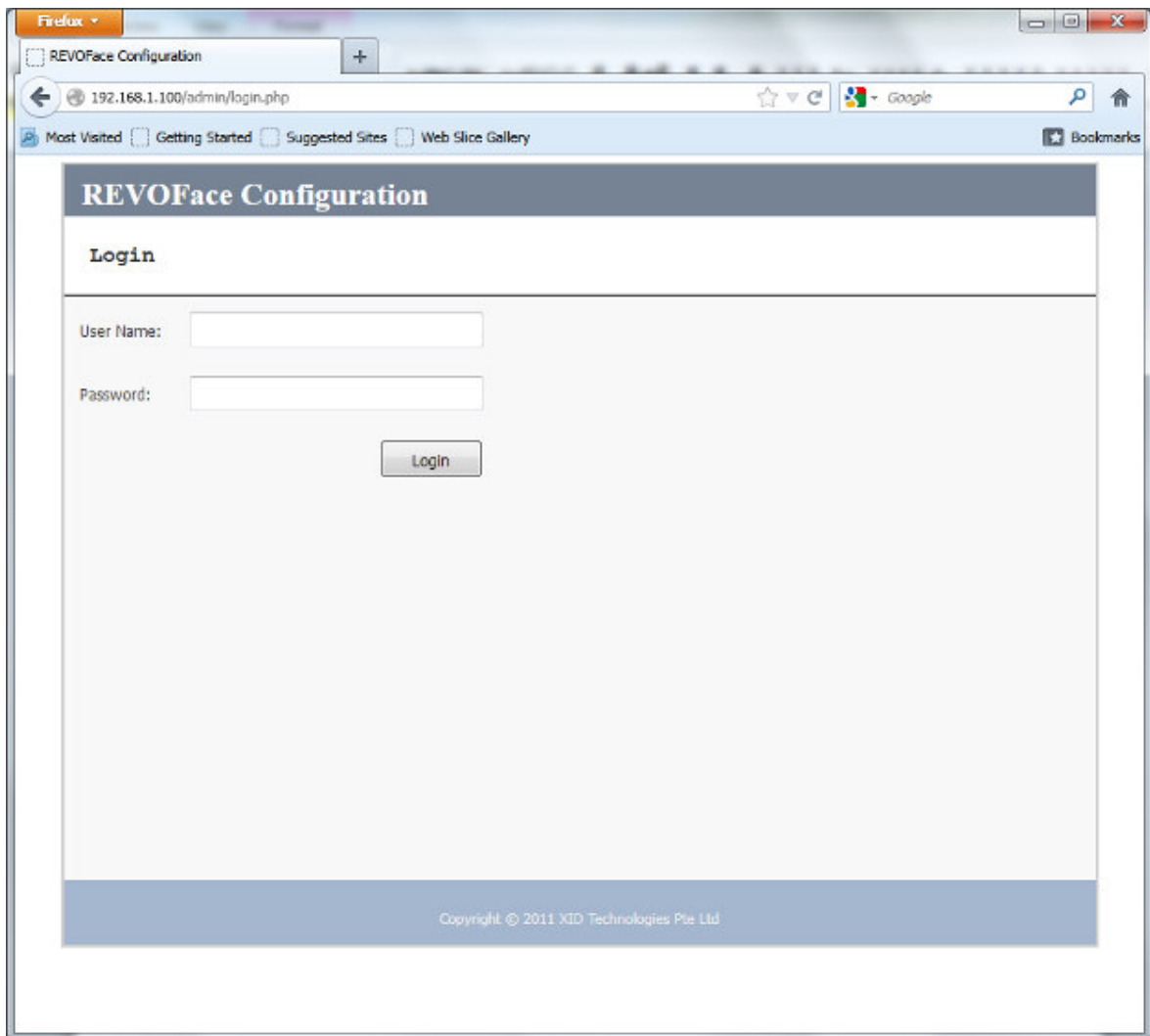
Internet Explorer 9 and above

Safari 5 and above

## 3.2 Walk through of Functionalities

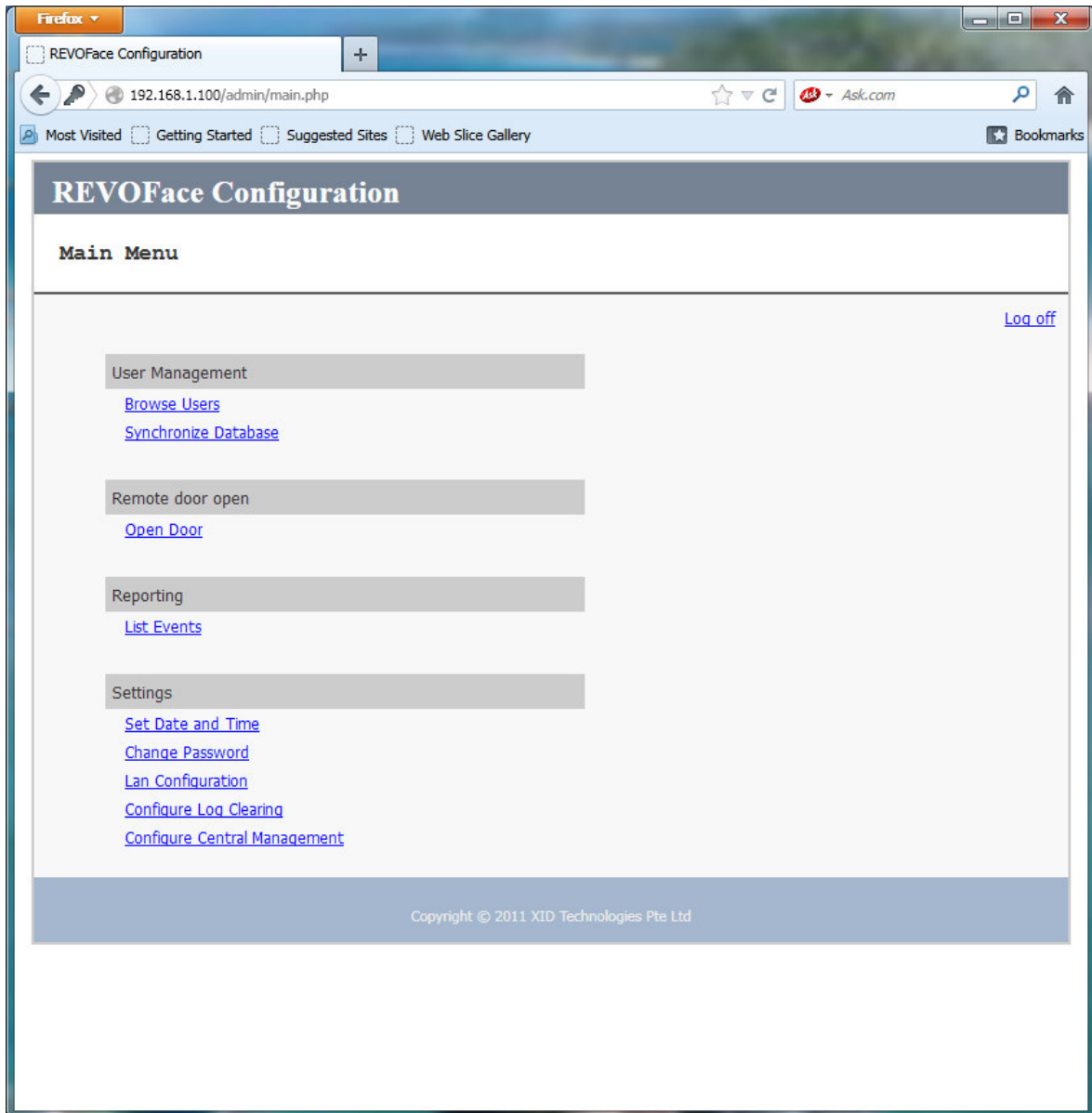
### 3.2.1 Login Page

Use any browser and go to <http://<REVOFace ip address>/> to access the web based administration. The login page is displayed as below.



### 3.2.2 Main Menu

Enter the username (Default: WMUUserName) and password (Default: 1234). You will then see the main menu as shown below.



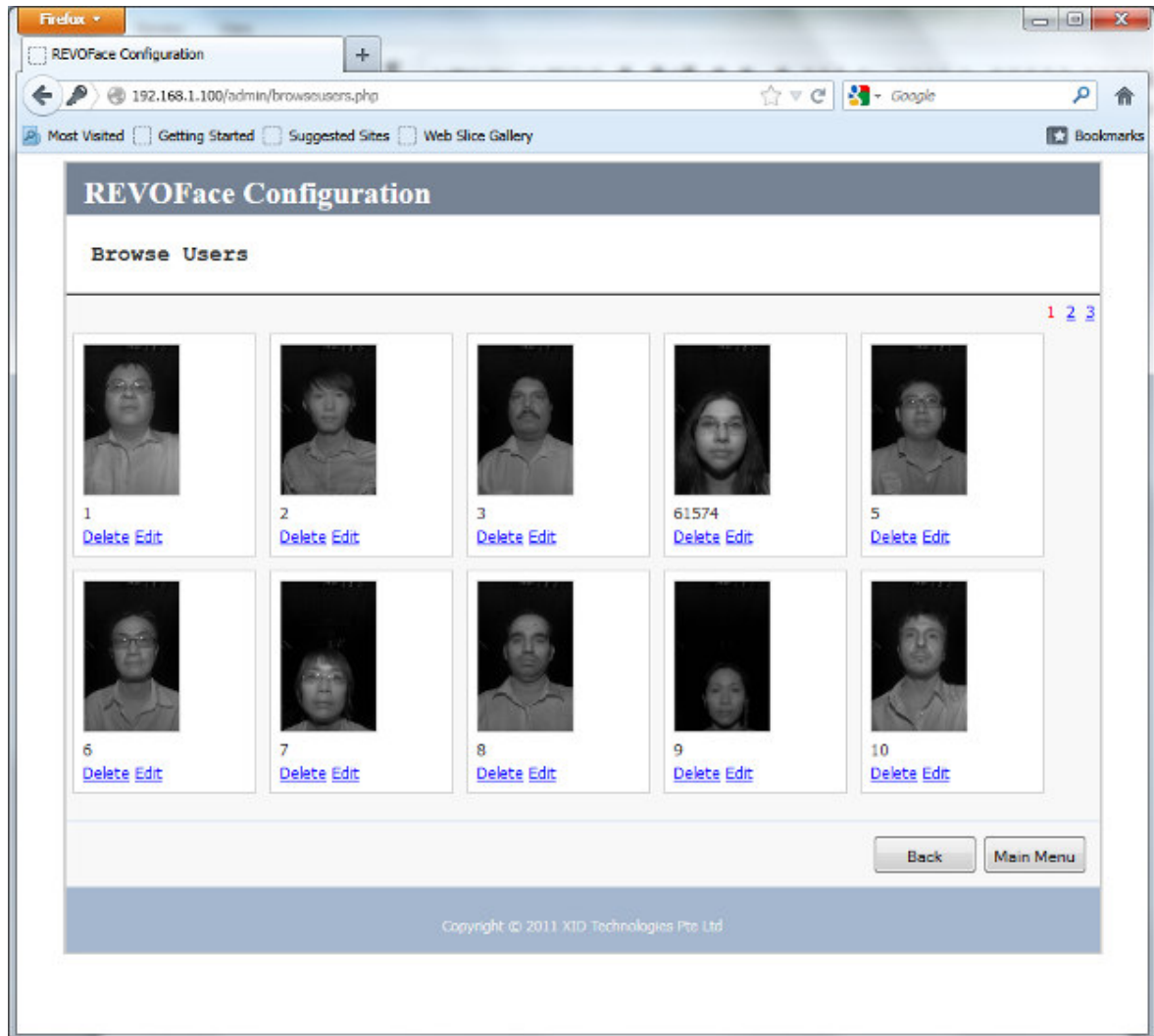
## MAIN MENU

- **Browse Users:** To list all users and edit or delete users.
- **Edit user:** To edit the user information from Browse Users.
- **Delete user:** To delete user and his/her photo from Browse Users.
- **Synchronize Database:** To synchronize database and setup automatic synchronization.
  
- **Open Door:** To remotely open door.
- **List Event:** To export events of the day by saving the file
- **Set Date and Time:** Set new data and time
- **Change password:** Change the admin password
- **Lan Configuration:** Configure lan settings
- **Configure Log Clearing:** Clear the Log files
- **Configure Central Management:** Set Configuration for central management

The following sections describe these operations.

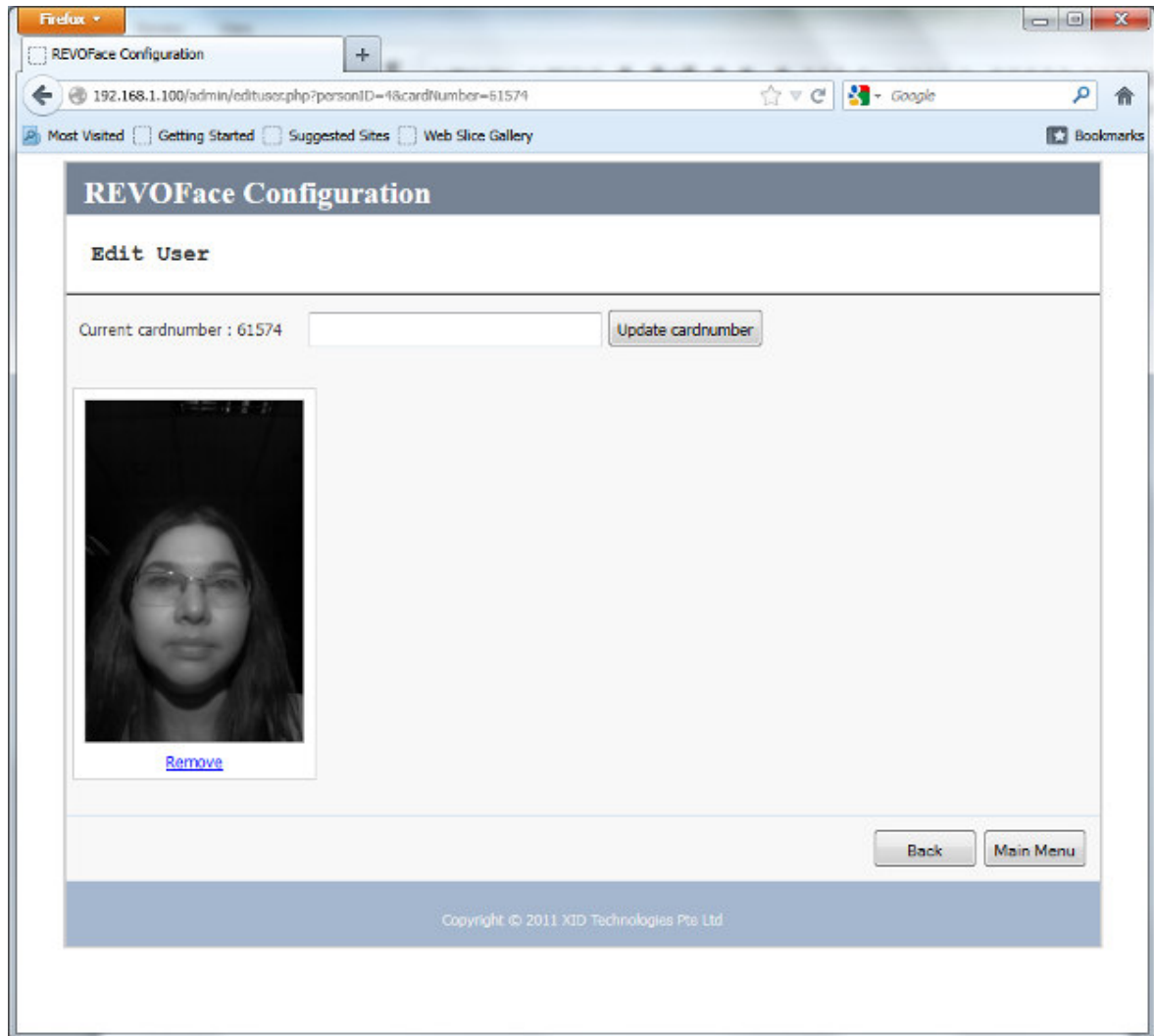
### 3.2.3 Browse Users

Lists all users enrolled in the system.

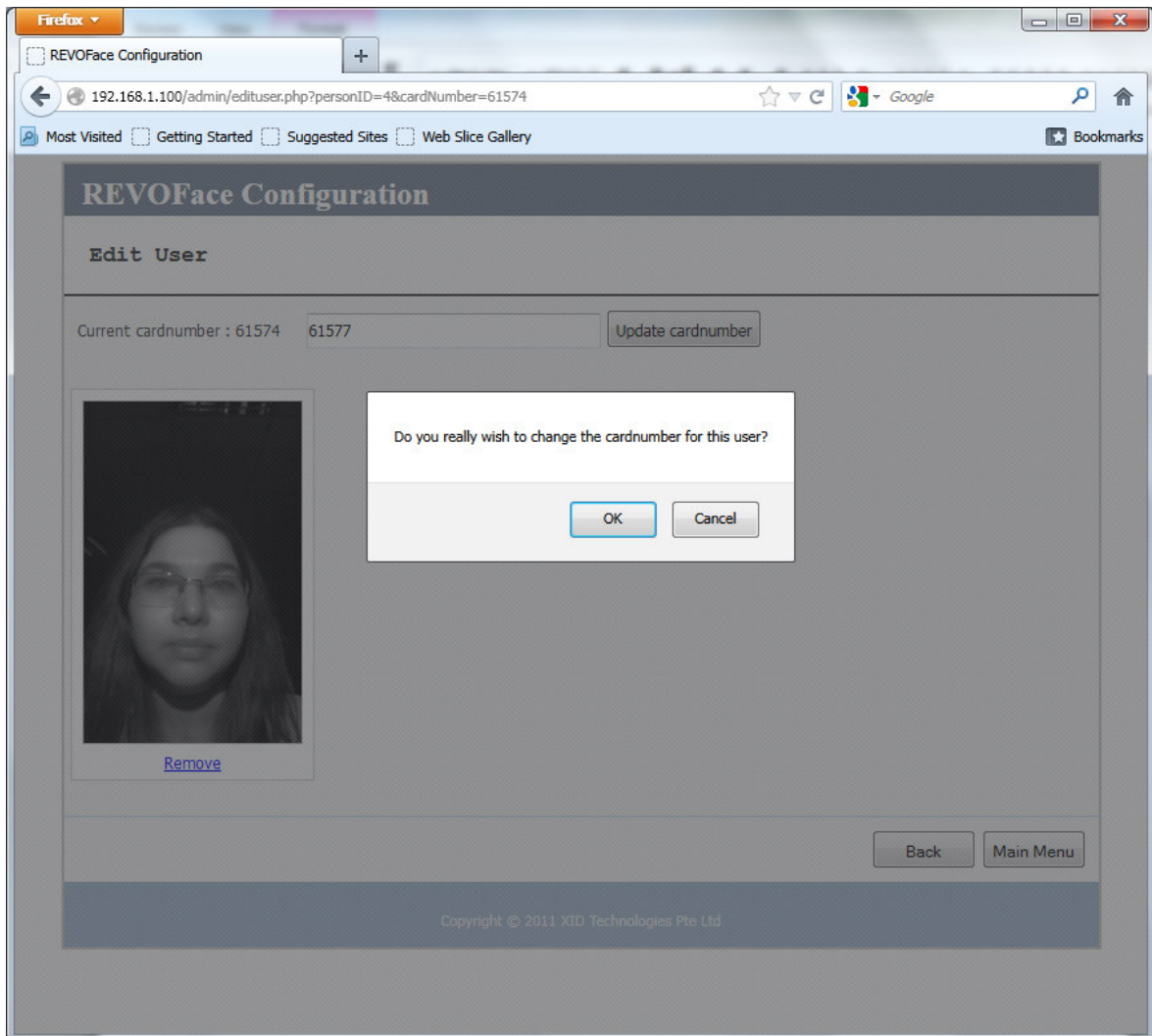


### 3.2.4 Edit User

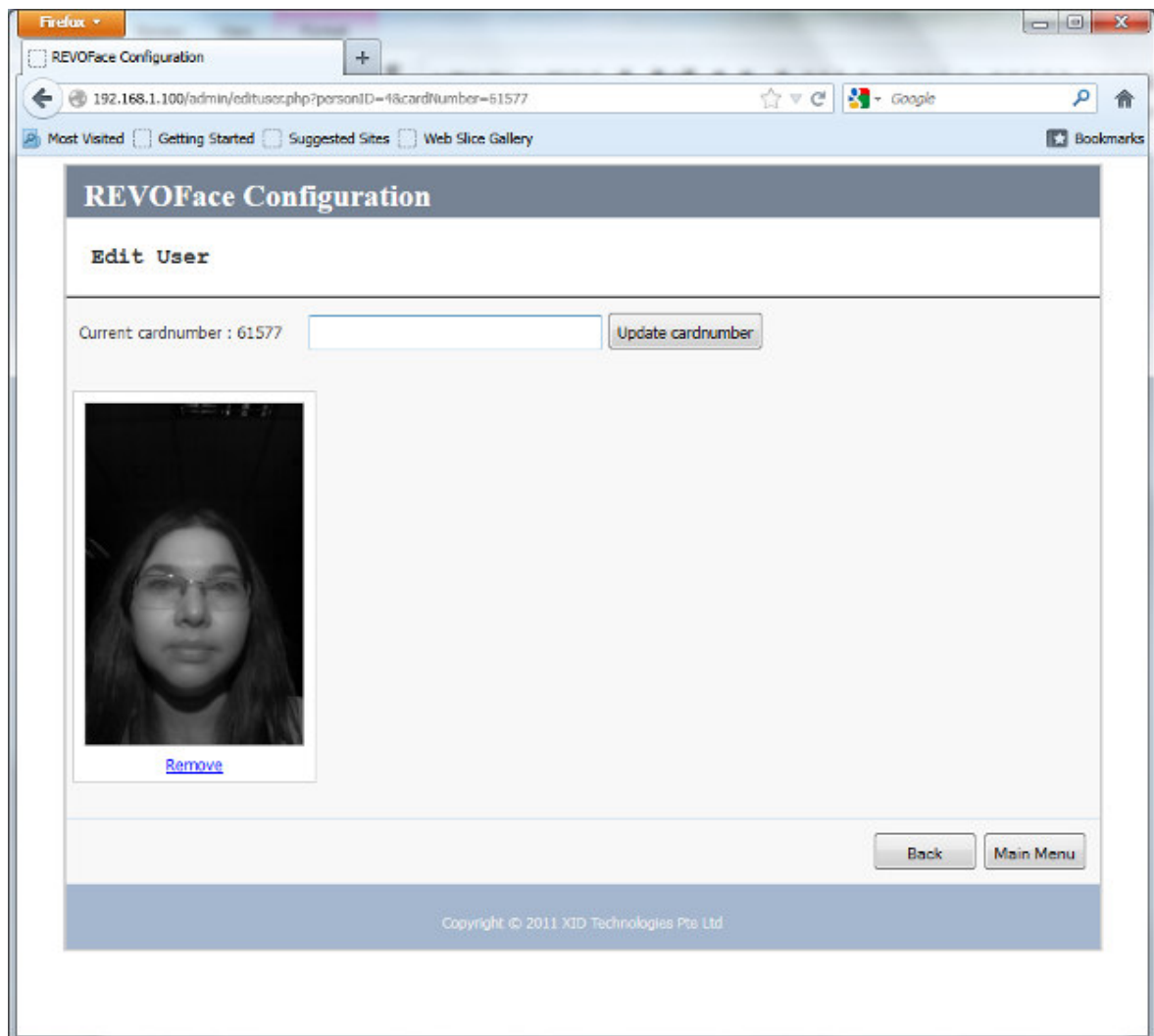
From the list of users in the browse users page, you can edit users by clicking on the corresponding links for the required user.



You can change the users card number by entering the new card number and clicking on 'Update cardnumber'. Click 'OK' on the confirmation to change the cardnumber.

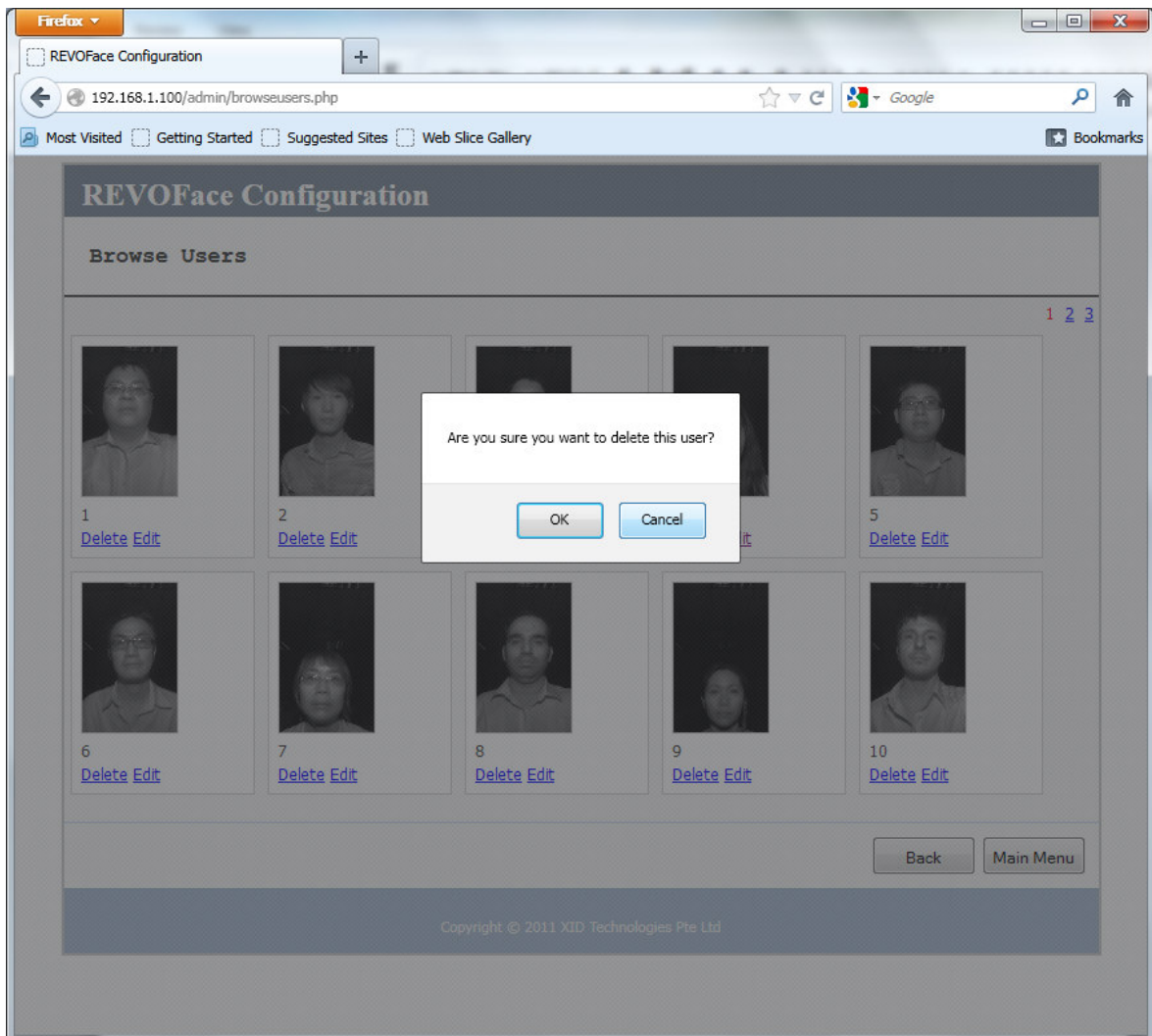


The card number is now changed to the new card number. You can also delete pictures for this user from this page by clicking on the Remove links.



### 3.2.5 Delete user

From the list of users from the browse user page, you can delete users by clicking on the corresponding links for the required user. You will be asked for a confirmation for deleting the user. Clicking on 'OK' to confirm will delete the user from the system.



### 3.2.6 Synchronize Database

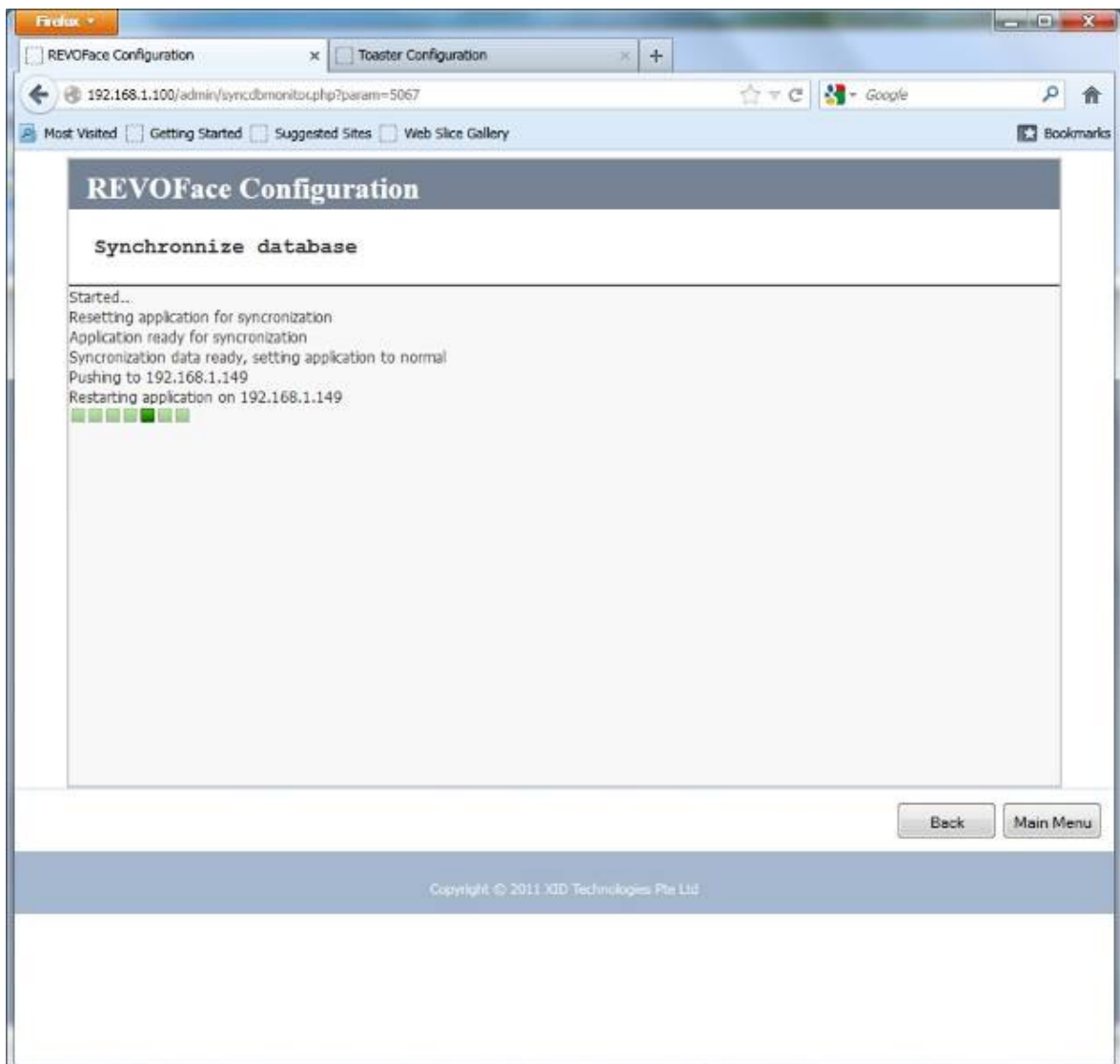
Click “Synchronize Database” to push the contents of the user database from this unit to multiple other units and to set up an automatic synchronization schedule. REVOFace can be configured to synchronize the database with other units once a day. For immediate synchronization use the “Synchronize now” button.

The screenshot shows a web browser window with the address bar displaying '192.168.1.100/admin/syncdb.php'. The page content is titled 'REVOFace Configuration' and 'Synchronnize database'. It features a text input field labeled 'Push database to : (Enter ipaddress seperated by comma)' containing the IP address '192.168.1.149'. Below this is a 'Synchronize now' button. Further down, there is a checkbox labeled 'Automatically push database every day at' followed by a time input field '(Time in HH:MM)'. At the bottom of the form are 'Enable' and 'Disable' buttons. The footer of the page includes 'Back' and 'Main Menu' buttons and a copyright notice: 'Copyright © 2011 XID Technologies Pte Ltd'.

To setup automatic synchronization, enter the time when the unit should push the database to the other units and click on "Enable". Now, every day at the set time, the unit will automatically push the database to the other units.

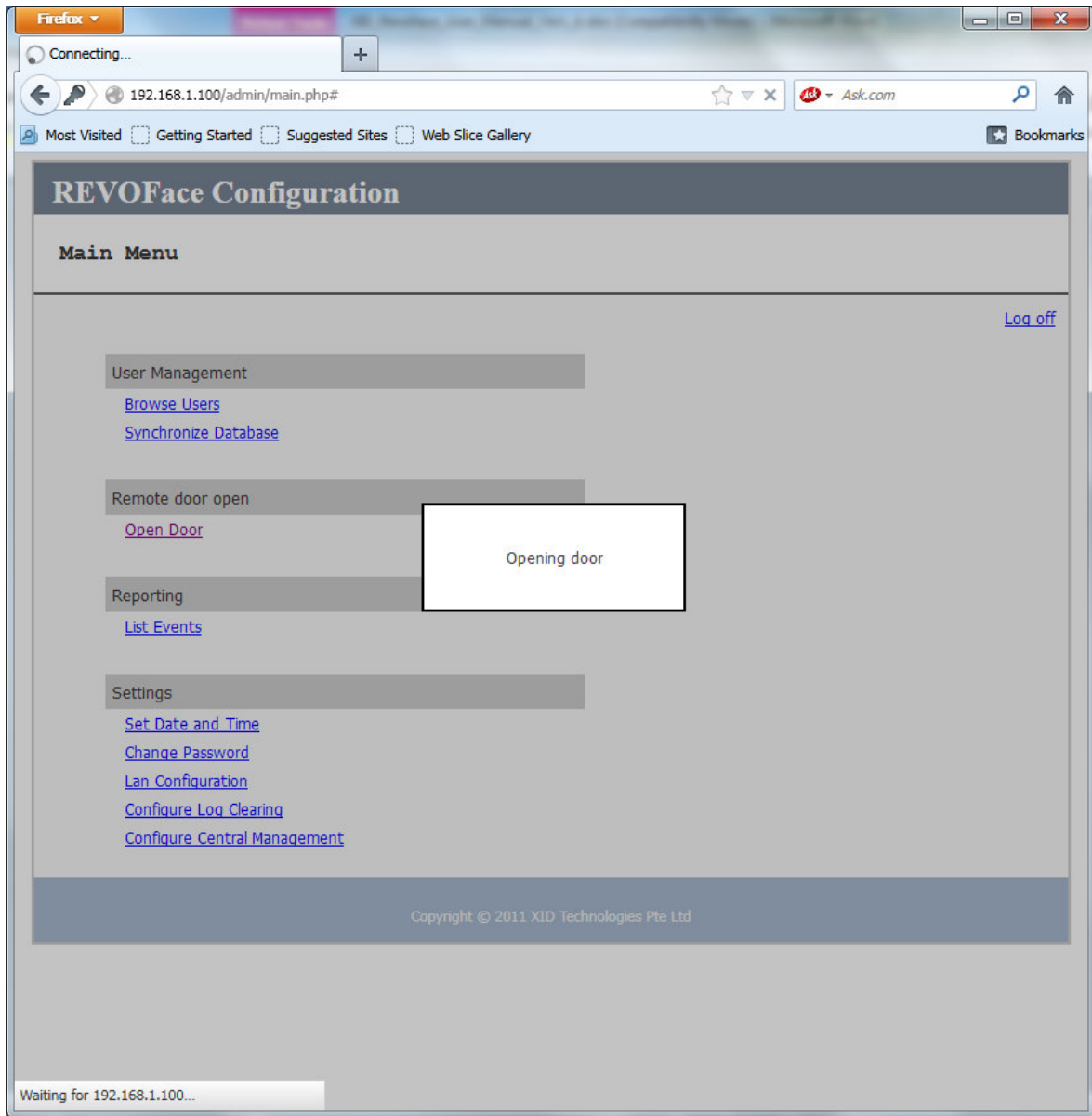
In cases where the synchronization needs to be done urgently, the manual method shown below can be used to do an instant synchronization.

Click on the 'Synchronize now' button. The database will be pushed to all the devices one by one.



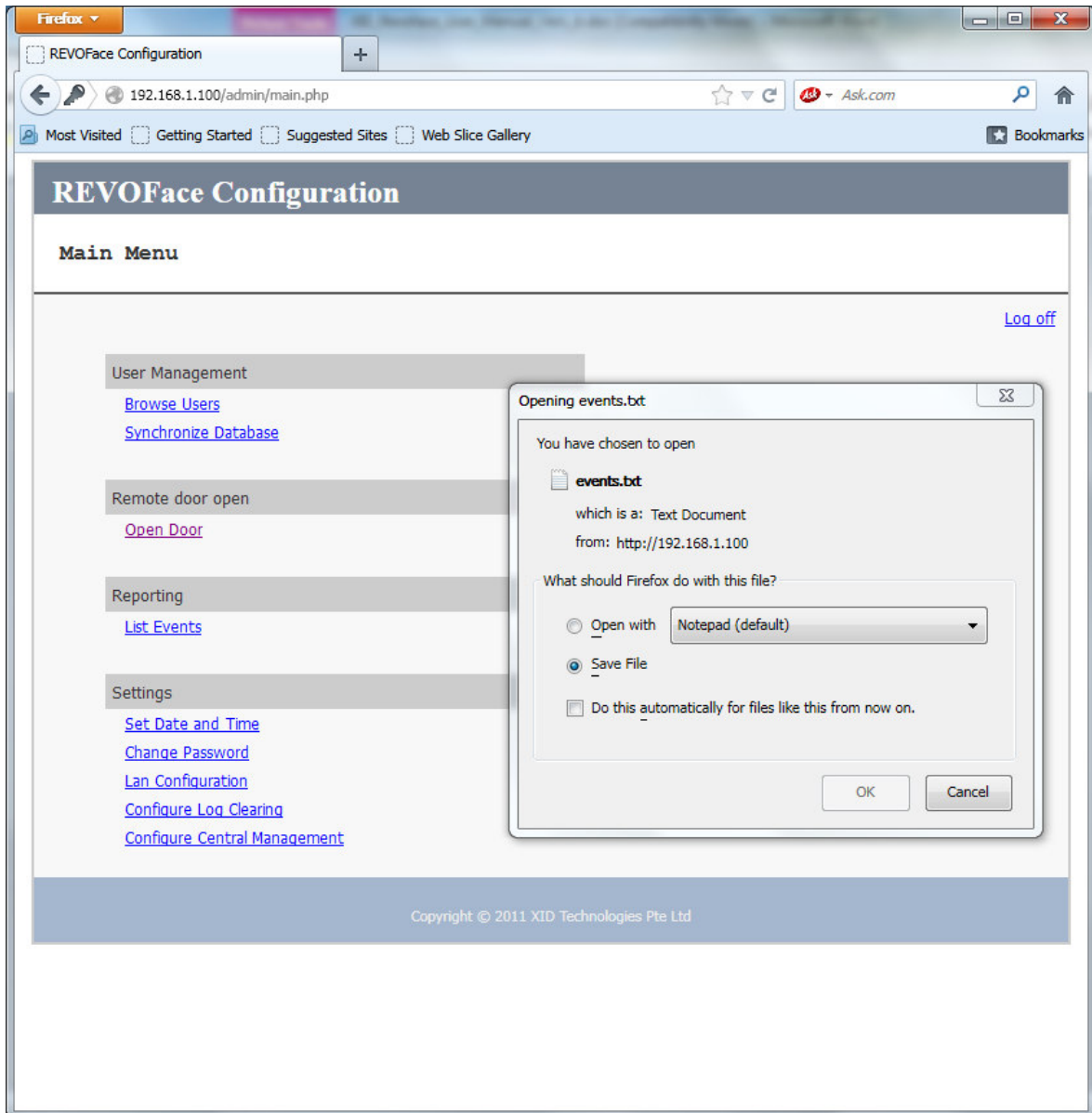
### 3.2.7 Remote Door Open

To open the door, click on the "Open Door" button. The door connected to the unit will be opened.



### 3.2.8 List Event

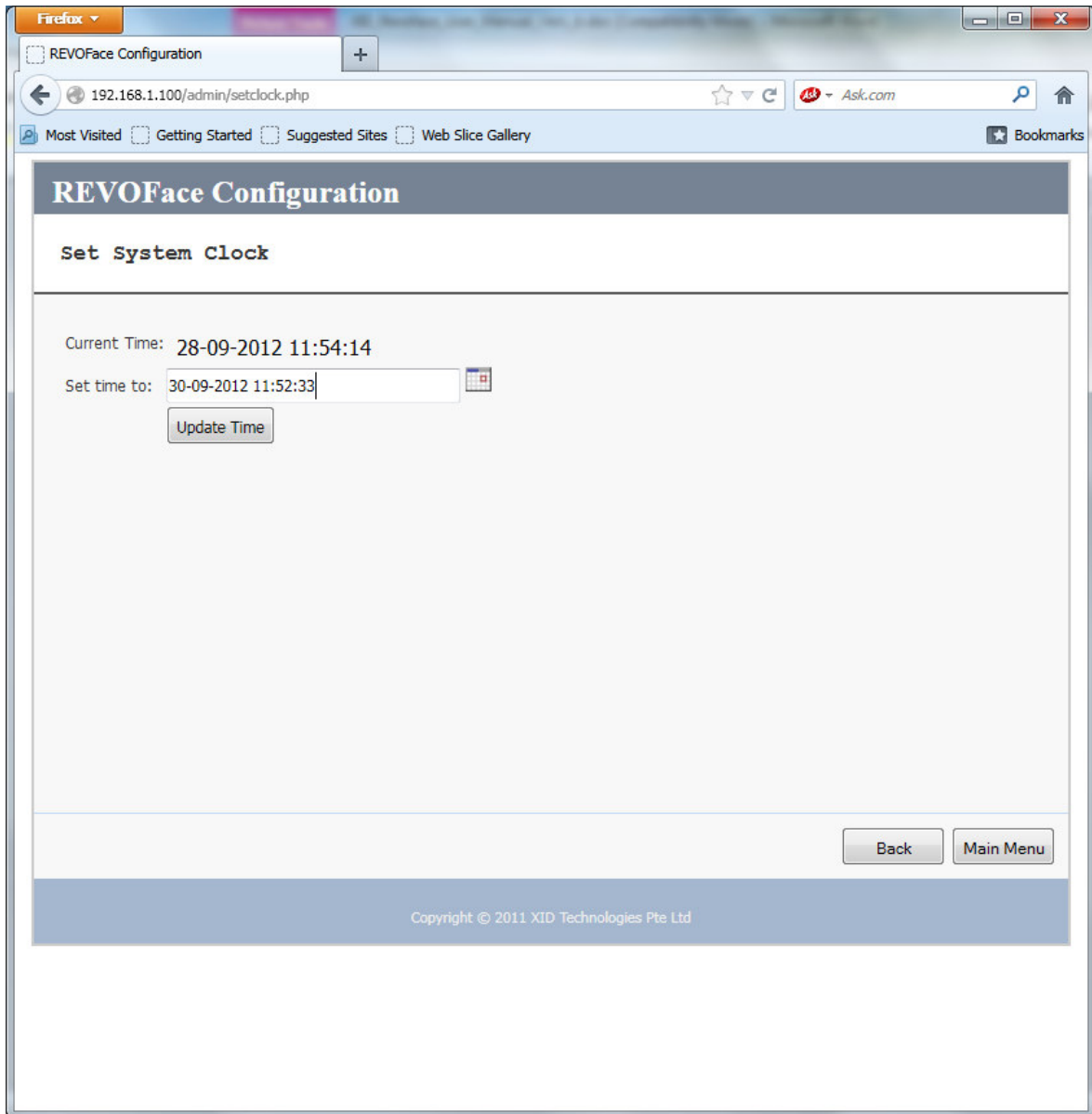
Click the List Events to export and save the access events as csv text file.



### 3.2.9 Set Date and Time

From the main menu, click Set Date and Time to set the new date and time.

Select the new date from the Calendar button and enter the new time in the time setting box. Then click on 'Update Time' button. The date and time will be changed as new date and time.

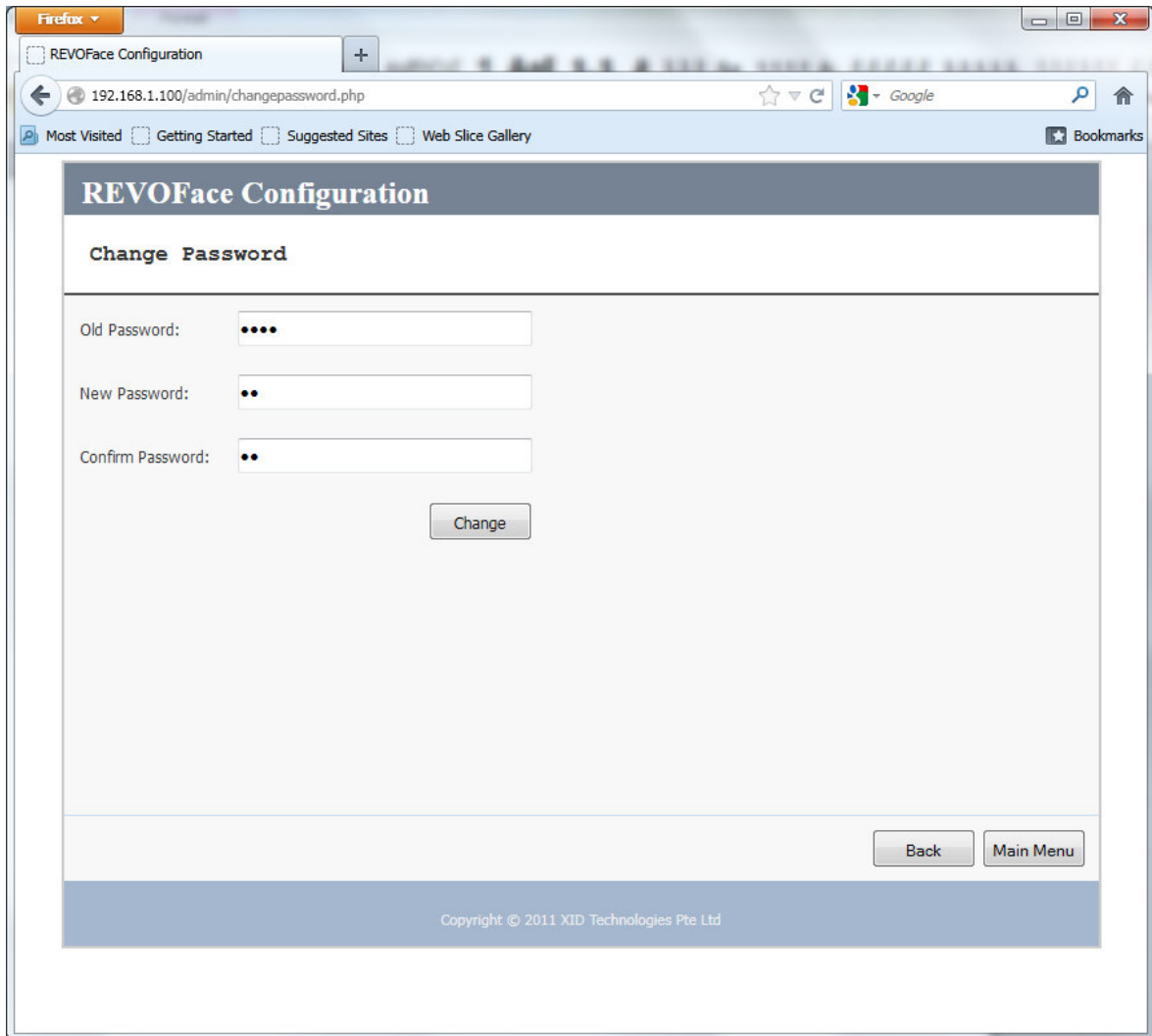


The screenshot shows a web browser window with the address bar displaying '192.168.1.100/admin/setclock.php'. The page title is 'REVOFace Configuration'. The main content area is titled 'Set System Clock'. It displays the 'Current Time' as '28-09-2012 11:54:14'. Below this, there is a 'Set time to:' label followed by a text input field containing '30-09-2012 11:52:33' and a calendar icon. An 'Update Time' button is positioned below the input field. At the bottom right of the main content area, there are 'Back' and 'Main Menu' buttons. The footer of the page contains the text 'Copyright © 2011 XID Technologies Pte Ltd'.

### 3.2.10 Change password

From the main menu, click Change Password to change the admin password.

Enter the old password, the new password and confirm the new password and click on 'Change'. The admin password will be changed to the new password.



The screenshot shows a web browser window with the title 'REVOFace Configuration'. The address bar displays '192.168.1.100/admin/changepassword.php'. The page content includes a header 'REVOFace Configuration' and a sub-header 'Change Password'. Below the sub-header, there are three input fields: 'Old Password:' with four black dots, 'New Password:' with two black dots, and 'Confirm Password:' with two black dots. A 'Change' button is positioned below these fields. At the bottom right of the page, there are 'Back' and 'Main Menu' buttons. The footer contains the text 'Copyright © 2011 XID Technologies Pte Ltd'.

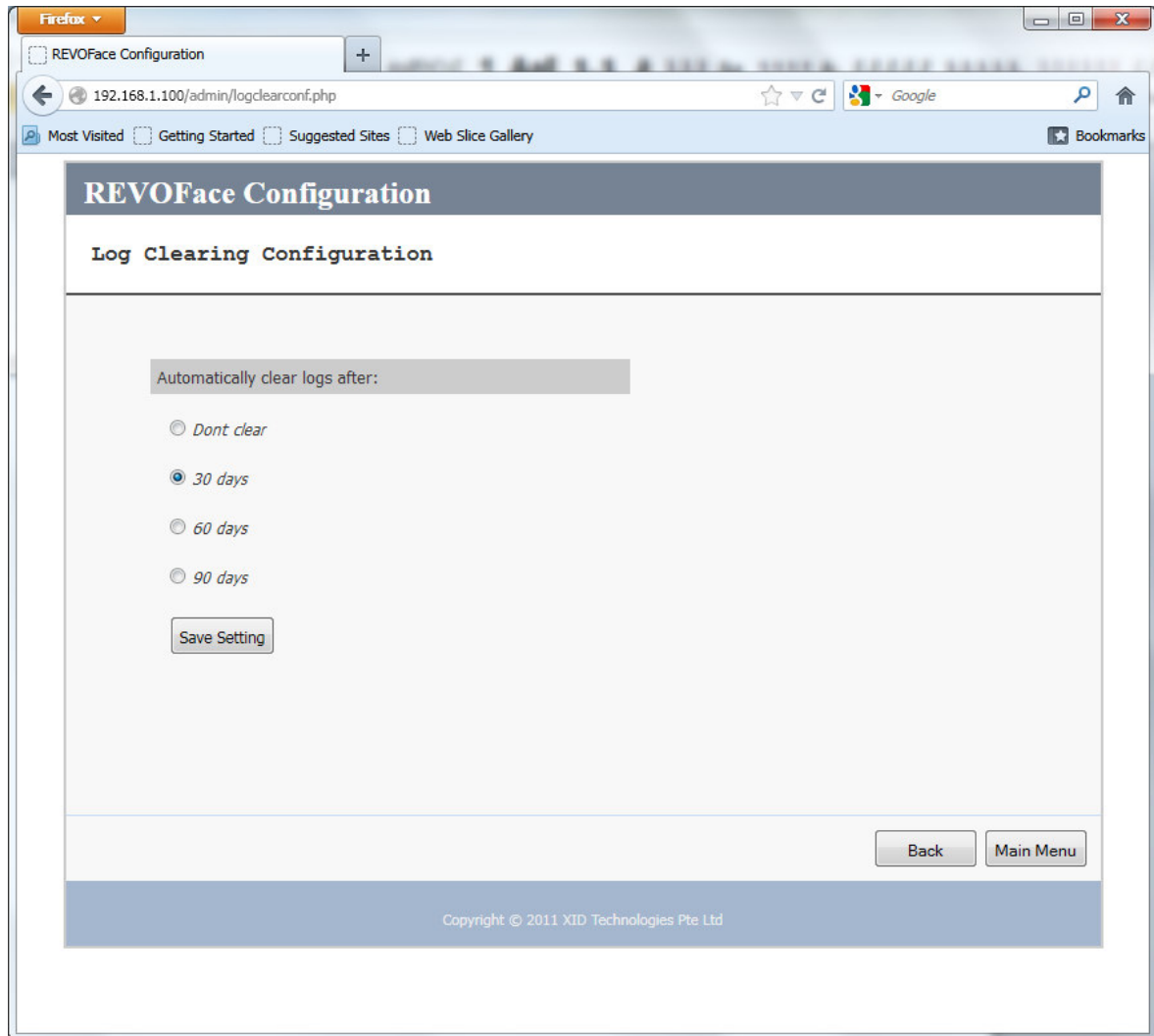
### 3.2.11 Lan Configuration

To setup the device on the network click on the Lan Configuration link. You can then select DHCP or Static IP. It is recommended to setup the device with a static IP address.

The screenshot shows a web browser window with the title 'REVOFace Configuration'. The address bar shows the URL '192.168.1.100/admin/lanconfig.php'. The page content includes a header 'REVOFace Configuration' and a sub-header 'Lan Configuration'. There are two radio buttons for network configuration: 'DHCP' (unselected) and 'Static IP' (selected). Below the 'Static IP' option, there are three text input fields: 'IP Address' with the value '192.168.1.100', 'Subnet Mask' with the value '255.255.255.0', and 'Gateway' with the value '192.168.1.1'. A 'Save Setting' button is located below these fields. At the bottom right of the page, there are two buttons: 'Back' and 'Main Menu'. The footer of the page contains the text 'Copyright © 2011 XID Technologies Pte Ltd'.

### 3.2.12 Configure Log Clearing

From the main menu, click 'Configure Log Clearing' to clear the log files.



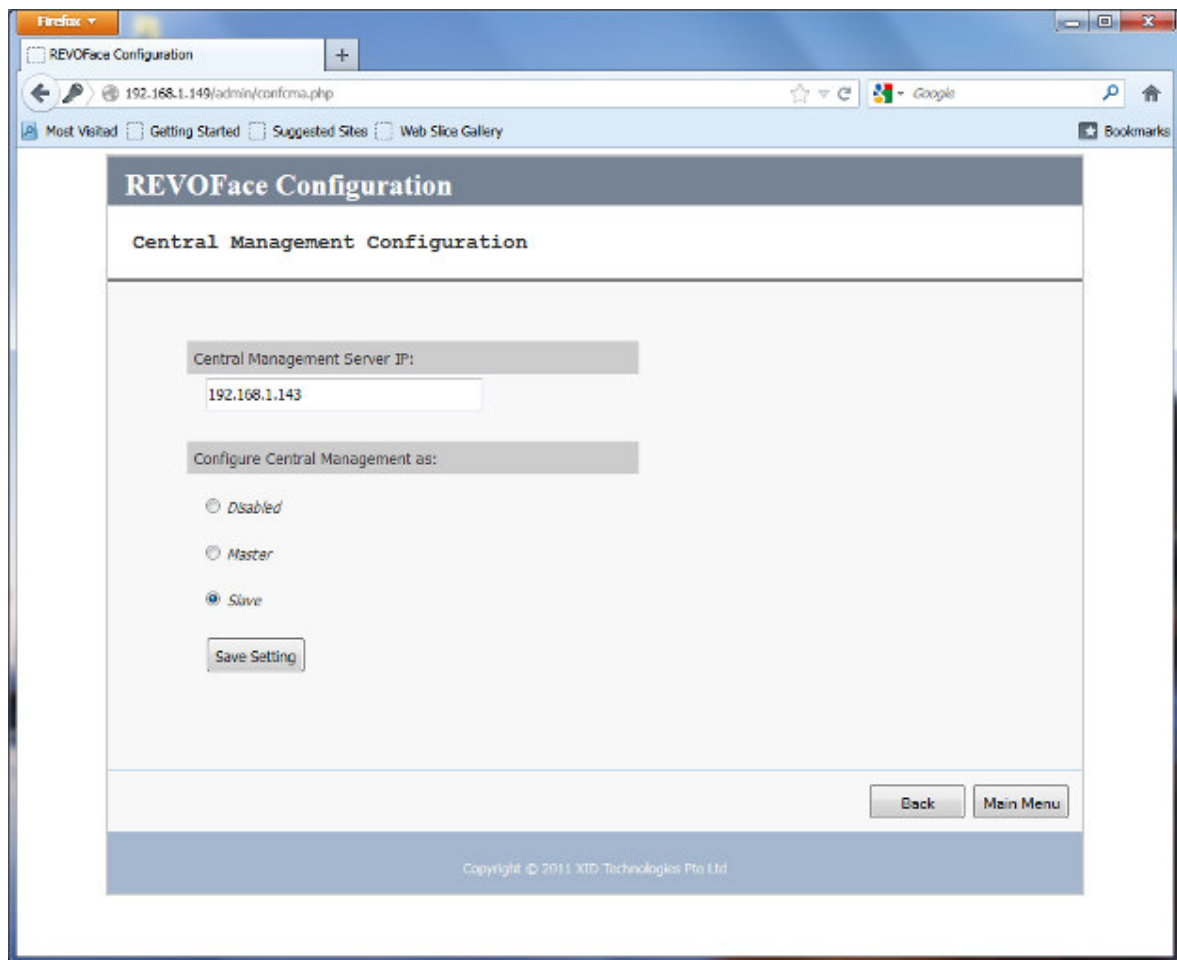
### 3.2.13 Configure Central Management

From the main menu, click 'Configure Central Management' to set the configuration as Central Management for Master device.

The screenshot shows a web browser window with the address bar displaying '192.168.1.100/admin/confcma.php'. The page content is titled 'REVOFace Configuration' and 'Central Management Configuration'. The form includes a text field for 'Central Management Server IP' containing '192.168.1.143'. Below this, the 'Configure Central Management as:' section has three radio button options: 'Disabled', 'Master' (which is selected), and 'Slave'. A 'Save Setting' button is positioned below the radio buttons. At the bottom right of the form area, there are 'Back' and 'Main Menu' buttons. The footer of the page states 'Copyright © 2011 XID Technologies Pte Ltd'.

For the Slave Device:

From the main menu of Slave, click 'Configure Central Management' to set the configuration as Central Management.



The screenshot shows a web browser window with the address bar displaying '192.168.1.149/admin/confmsa.php'. The page title is 'REVOFace Configuration'. The main heading is 'Central Management Configuration'. Below this, there is a section for 'Central Management Server IP:' with a text input field containing '192.168.1.143'. Underneath, there is a section for 'Configure Central Management as:' with three radio button options: 'Disabled', 'Master', and 'Slave'. The 'Slave' option is selected. A 'Save Setting' button is located below the radio buttons. At the bottom right of the form area, there are 'Back' and 'Main Menu' buttons. The footer of the page contains the text 'Copyright © 2011 XID Technologies Pte Ltd'.

## **4 Central Management System**

Central management allows a setup with multiple REVOFace devices to be managed from a central location and includes a central database where user and event data are collated. Functions the central management allows include

- Synchronize user data between the master REVOFace and the central database.
- Push user data from central database to all slave REVOFace devices.
- Transmit access event data from all devices to central database.
- Manage user profiles.
- View access events of all REVOFace devices.
- Generate reports.

### **4.1 Requirements for centralized administration**

Centralized administration requires the following components.

1 REVOFace setup as a master.

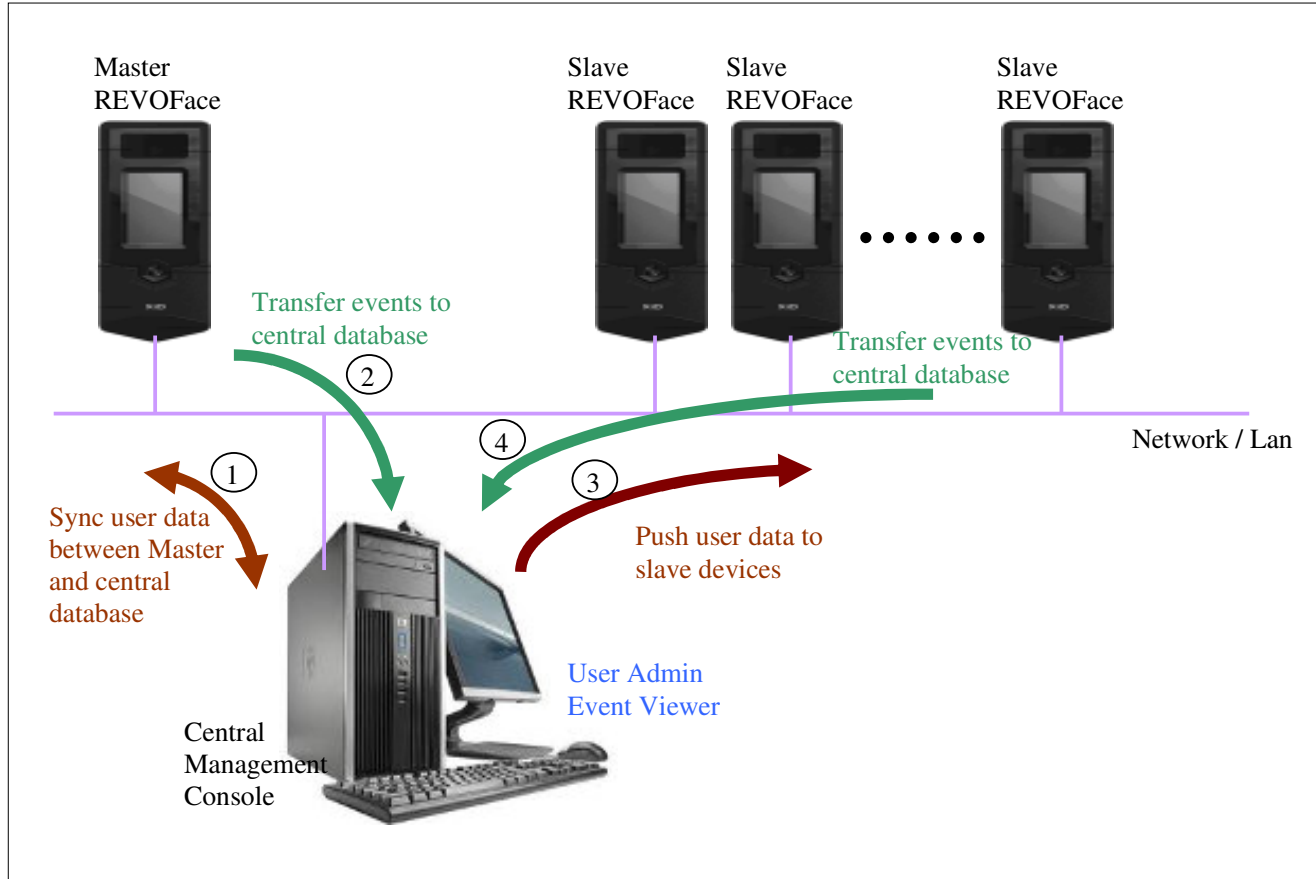
1 or more REVOFace devices setup as slaves.

1 Server PC running windows XP/Vista/Windows 7 or any windows server operating system.

All REVOFace devices and server PC networked.

## 4.2 Central Management Architecture

Typical Central management architecture is as shown below.



The main interactions are:

- **Synchronize user data between the master REVOFace and central database.** Synchronization happens once every hour. Users are enrolled in the master REVOFace. Other user details are added in the user administration console.
- **Push user data from central database to all slave REVOFace devices.** Push is initiated once every hour.
- **Transfer access events from master REVOFace to the central database.**
- **Transfer access events from all slave REVOFace devices to central database.** This enables combined access records to be obtained from the central management event viewer.

### 4.3 User Administration

User administration happens in 2 places. All users are enrolled in the master REVOFace. Other user details like the user's name, designation etc are added in the central management user administrator application. A screen shot of the user administrator is shown below.

**User Administrator**

Please Edit User Details

**Registered Images**

Image Index: 1, Total Images: 1

**User Details**

Card Number	777
Staff ID	777
First Name	Carmelo
Last Name	Pistorio
Company	XID
Job Title	Chairman & CEO
Nationality	Italy
WP number	777
Current Project	
Current Trade	
Card Expiry Date	1/1/2014
User Profile	ID and Face

**Search Criteria**

Search Records Show All

**Edit Profile**

Security System Users Entry Point

**BackUp**

Backup Restore Import

**Print Staff Report**

The main functions of the user administrator are.

- **Add / Edit user details.** By default the users First Name, Last name, Company, Job Title, Card expiry date, cardnumber and staff ID are the data stored for each user. Other fields can be added or some fields removed by configuration.
- **View and delete user pictures.**
- **Search for users based on card number, name etc.**

The screenshot displays the 'User Administrator' web application. The interface is divided into several sections:

- Header:** Features the 'OXID TECHNOLOGIES' logo on the left, the title 'User Administrator' in the center, and the 'REVOFACE' logo on the right.
- Section Header:** A grey bar at the top of the main content area reads 'Please Edit User Details'.
- Registered Images:** On the left, there is a thumbnail of a user's face. Below it are navigation buttons: '<<', '<', '>', and '>>'. At the bottom of this section is a 'Delete' button.
- User Details Table:** A central table displays the following information:
 

User Details	
Card Number	777
Staff ID	777
First Name	Carmelo
Last Name	Pistorio
Company	XID
Job Title	Chairman & CEO
Nationality	Italy
WP number	777
Current Project	
Current Trade	
Card Expiry Date	1/1/2014
User Profile	ID and Face

 Below the table are buttons for 'Create', 'Modify', and 'Delete', followed by another set of navigation buttons: '<<', '<', '>', and '>>'.
- Search and Action Panel:** On the right side, there are several functional blocks:
  - Search Criteria:** Includes dropdown menus and buttons for 'Search Records' and 'Show All'.
  - Edit Profile:** Contains buttons for 'Security', 'System Users', and 'Entry Point'.
  - BackUp:** Contains buttons for 'Backup', 'Restore', and 'Import'.
  - Print Staff Report:** A single button at the bottom of this panel.

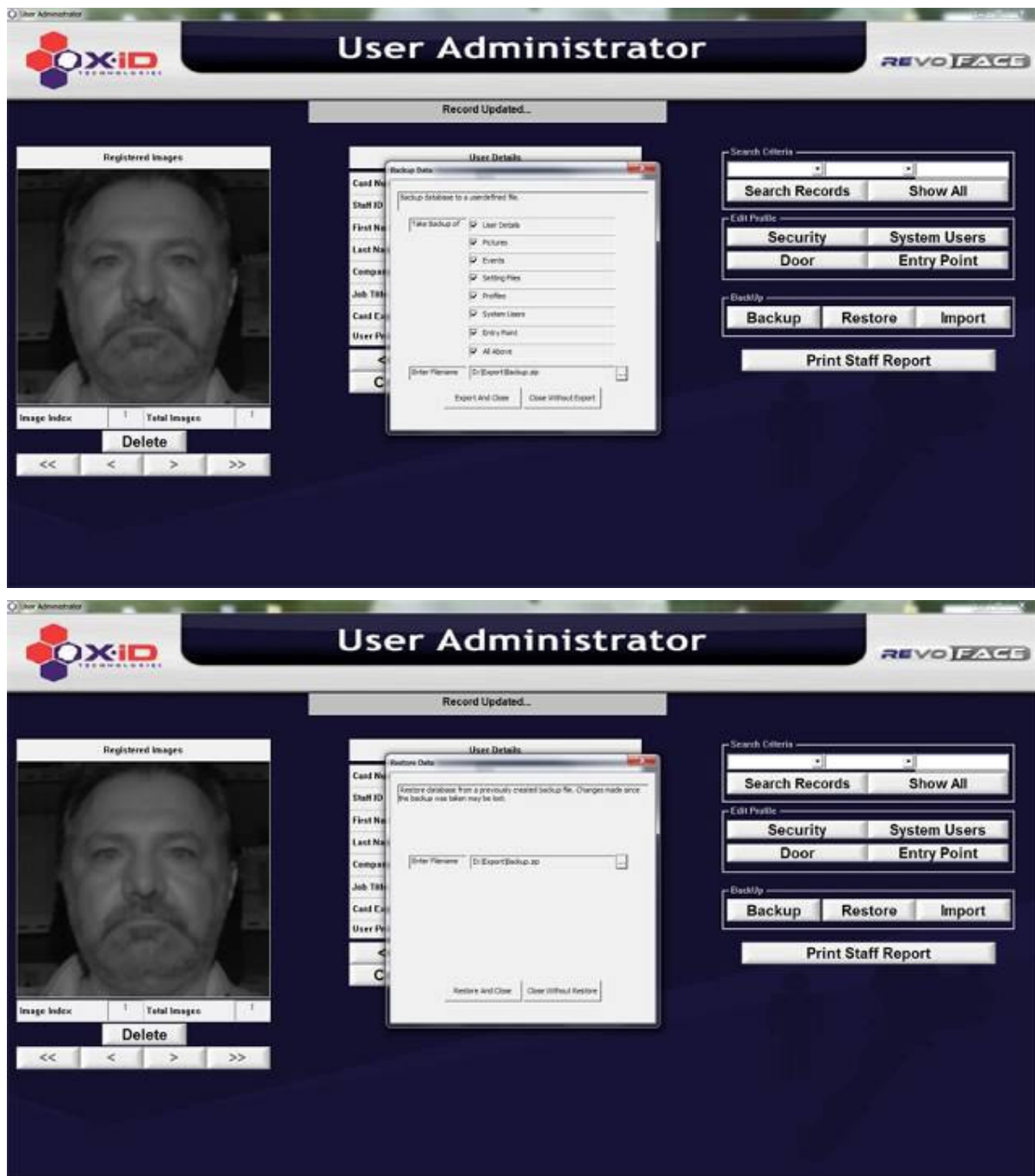
- **Delete users.**
- **Edit user profiles.**



- **Assign names to entry points.**














- **Backup and restore central database.**



- **Print staff report listing all enrolled users.**

XID Print Preview

Print Next Page Prev Page Two Page Zoom In Zoom Out Close

 <b>Staff List</b>						
S/No	Pass Number	Company	First Name	Last name	Picture	Staff ID
1	321					
2	2566					
3	1729					
4	6666					
5	6135					
6	0204					
7	3831					
8	123456					
9	3089883363					
10	3089878648					

Page 1/3, Dated Mon 18 Feb

## 4.4 Event Viewer

Event viewer is used to view and search access event records. It displays events from the central database and can generate reports based on the access events.

**Event Viewer**

Auto Refresh Clear Advance Search Show Records From 9/17/2012 To 9/25/2012 Search Advanced Search...

Entry Point	Access Type	Access Result	Person Name	Person Surname	Access Date	Top score
MILAR Door	Valid Mount Entry	Access Granted	test	test	2012/09/20 10:44:42	1.000000
MILAR Door	Valid Mount Entry	Access Granted	Carmelo	Petaro	2012/09/20 10:32:29	1.000000
MILAR Door	Valid Mount Entry	Access Granted	Carmelo	Petaro	2012/09/20 10:32:28	1.000000
MILAR Door	Valid Mount Entry	Access Granted	Carmelo	Petaro	2012/09/20 10:32:12	1.000000
MILAR Door	Valid Mount Entry	Access Granted	Carmelo	Petaro	2012/09/20 10:32:07	1.000000
MILAR Door	Valid Mount Entry	Access Granted	Carmelo	Petaro	2012/09/20 10:32:02	1.000000
MILAR Door	Valid Mount Entry	Access Granted	Carmelo	Petaro	2012/09/20 10:30:57	1.000000
MILAR Door	Valid Mount Entry	Access Granted	Carmelo	Petaro	2012/09/20 10:30:52	1.000000
MILAR Door	Valid Mount Entry	Access Granted	Carmelo	Petaro	2012/09/20 10:30:47	1.000000
MILAR Door	Valid Mount Entry	Access Granted	Carmelo	Petaro	2012/09/20 10:30:38	1.000000
MILAR Door	Valid Mount Entry	Access Granted	Carmelo	Petaro	2012/09/20 10:30:33	1.000000
MILAR Door	Valid Mount Entry	Access Granted	Carmelo	Petaro	2012/09/20 10:30:28	1.000000

<< < Page 1/1 > >>

**Live Picture**

**Original Picture**

**Event Details**

Date: 2012/09/20 10:11:25

Entry Point: MILAR Door

Access Result: Access Granted

Overridden: No

Report Generation

Generate

**User Details**

Card Number: 111

Staff ID: 111

Name: Carmelo

Surname: Petaro

Company: SOD

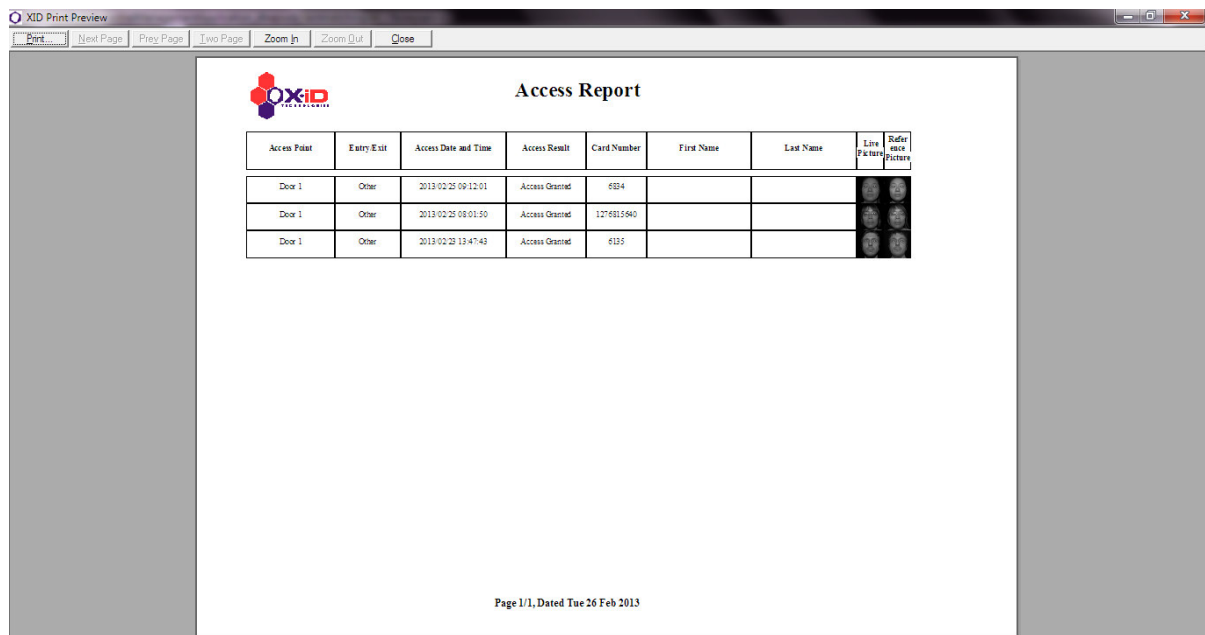
Job Title: Chairman & CEO

The main functions of the event viewer are,

- **Display access events**
- **Search access events based on time, user, entry point**



- **Display live picture along with enrolled picture for selected access event.**





## 4.5 Event Viewer Reports

Event viewer generates the following reports.

Detailed Access Report

Report containing all accesses both granted and denied across the system.

Detailed Access XID Technologies Pte Ltd				
SNo	Name	Access Date	Company	Staff ID
1	Ni Lar	18/10/2012 17:51:07	XID	3
2	Ni Lar	18/10/2012 15:11:54	XID	3
3	Ni Lar	18/10/2012 15:11:49	XID	3
4	Ni Lar	18/10/2012 14:23:00	XID	3
5	Ni Lar	18/10/2012 09:43:43	XID	3
6	Ni Lar	18/10/2012 09:43:38	XID	3
7	Ni Lar	18/10/2012 09:39:41	XID	3
8	Ni Lar	18/10/2012 09:39:34	XID	3
9	Ni Lar	18/10/2012 09:35:55	XID	3
10	Ni Lar	18/10/2012 09:35:50	XID	3
11	Ni Lar	17/10/2012 15:13:52	XID	3
12	Ni Lar	17/10/2012 15:13:48	XID	3
13	Ni Lar	17/10/2012 14:57:42	XID	3
14	Ni Lar	17/10/2012 14:57:31	XID	3
15	Ni Lar	17/10/2012 14:57:25	XID	3
16	Ni Lar	19/10/2012 09:58:31	XID	3

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### Time Of Arrival

Report containing the time of arrival (first entry of day) of each user across the system.

Time Of Arrival			
XID Technologies Pte Ltd			
SNo	Name	Access Date	Company
1	Ni Lar	17/10/2012 14:57:25	XID
2	Ni Lar	18/10/2012 09:35:50	XID
3	Ni Lar	19/10/2012 09:58:31	XID

---

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### Time Of Departure

Report containing the time of departure (last exit of day) of each user across the system.

Time Of Departure			
XID Technologies Pte Ltd			
SNo	Name	Access Date	Company
1	Ni Lar	17/10/2012 15:13:52	XID
2	Ni Lar	18/10/2012 17:51:07	XID
3	Ni Lar	19/10/2012 09:58:31	XID

---

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## Number Of Entries

Report containing the number of entries per user for a day.

Number Of Entries					
XID Technologies Pte Ltd					
SNo	Name	Access Date	Count	Company	Duration
1	Ni Lar	17/10/2012 15:13:52	5	XID	00:16
2	Ni Lar	18/10/2012 17:51:07	10	XID	08:15
3	Ni Lar	19/10/2012 09:58:31	1	XID	08:15

---

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## Attendance During Day

Attendance report for users.

Attendance During Day						
XID Technologies Pte Ltd						
SNo	Name	Entry Date	Entry Time	Exit Date	Exit Time	Company
1	Ni Lar	17/10/2012	14:57:25	17/10/2012	15:13:52	XID
2	Ni Lar	18/10/2012	09:35:50	18/10/2012	17:51:07	XID
3	Ni Lar	19/10/2012	09:38:31	19/10/2012	09:58:31	XID

---

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## Daily Entry Exit Report

Entry exit details for a user over a period of time.

Daily Entry Exit Report					
XID Technologies Pte Ltd					
SNo	Name	Entry Date	Exit Date	Count	Company
1	Ni Lar	17/10/2012 14:57:25	17/10/2012 15:13:52	5	XID
2	Ni Lar	18/10/2012 09:37:50	18/10/2012 17:51:07	10	XID
3	Ni Lar	19/10/2012 09:58:31	19/10/2012 09:58:31	1	XID

---

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### Entry Exit Count Report

Report with counts of number of entries and number of exits per day.

<b>Daily Entry Exit Report</b>					
<b>XID Technologies Pte Ltd</b>					
<b>SNo</b>	<b>Name</b>	<b>Entry Date</b>	<b>Exit Date</b>	<b>Count</b>	<b>Company</b>
1	Ni Lar	17/10/2012 14:57:25	17/10/2012 15:13:52	5	XID
2	Ni Lar	18/10/2012 09:37:50	18/10/2012 17:51:07	10	XID
3	Ni Lar	19/10/2012 09:58:31	19/10/2012 09:58:31	1	XID

---

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## Detailed Entry Exit Report

Report with entry exit details, including access denied events.

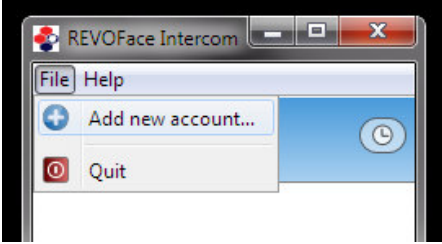
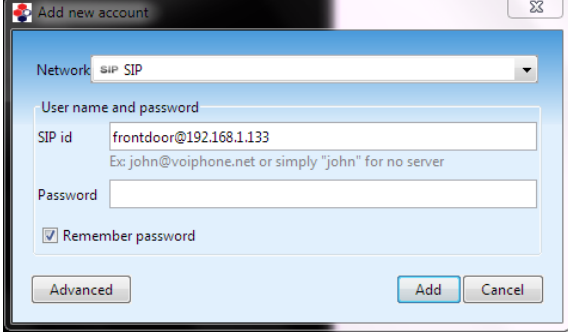
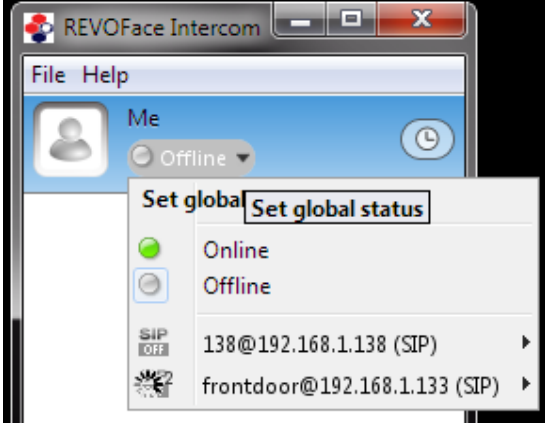
Detailed Entry Exit Report								
XID Technologies Pte Ltd								
SNo	Name	Entry Date	Entry Time	Exit Date	Exit Time	Number of	Company	Duration
1	Carmelo	28/09/2012	18:30:28	28/09/2012	18:31:25	11	XID	00:00
2	Ni Lar	27/09/2012	09:40:47	27/09/2012	17:14:35	6	XID	07:33
3	Ni Lar	28/09/2012	11:48:29	28/09/2012	14:18:42	3	XID	02:30
4	Ni Lar	01/10/2012	10:57:00	01/10/2012	18:00:47	4	XID	07:03
5	Ni Lar	02/10/2012	15:01:02	02/10/2012	15:29:44	5	XID	00:28
6	Ni Lar	03/10/2012	09:51:15	03/10/2012	09:51:30	2	XID	00:00
7	Ni Lar	04/10/2012	13:57:49	04/10/2012	16:00:08	8	XID	02:02
8	Ni Lar	05/10/2012	09:48:13	05/10/2012	09:49:08	3	XID	00:00
9	Ni Lar	08/10/2012	09:26:47	08/10/2012	12:04:40	5	XID	02:37
10	Ni Lar	12/10/2012	09:56:53	12/10/2012	17:59:30	28	XID	08:02
11	Ni Lar	15/10/2012	09:31:56	15/10/2012	17:37:30	14	XID	08:05
12	Ni Lar	16/10/2012	09:49:09	16/10/2012	10:09:08	5	XID	00:19
13	Ni Lar	17/10/2012	14:57:25	17/10/2012	15:13:52	5	XID	00:16
14	Ni Lar	18/10/2012	09:35:50	18/10/2012	17:51:07	10	XID	08:15
15	Ni Lar	19/10/2012	09:58:31	19/10/2012	16:38:02	8	XID	06:39
16	Paul	27/09/2012	18:01:04	27/09/2012	18:01:04	1	XID	00:00
17	Raja	27/09/2012	17:57:09	27/09/2012	17:57:09	1	XID	00:00
18	test	27/09/2012	16:59:25	27/09/2012	16:59:25	1	test	00:00
19	test	28/09/2012	18:44:42	28/09/2012	18:44:42	1	test	00:00
20	test	02/10/2012	15:55:48	02/10/2012	15:55:53	2	test	00:00
21	test	10/10/2012	19:09:07	10/10/2012	19:09:07	1	test	00:00
22	test	11/10/2012	15:50:15	11/10/2012	15:50:29	3	test	00:00
23	test	12/10/2012	09:43:53	12/10/2012	09:43:53	1	test	00:00
24	test	13/10/2012	12:12:19	13/10/2012	12:12:31	2	test	00:00

## 5 Video Intercom Facility

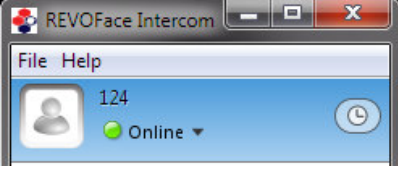


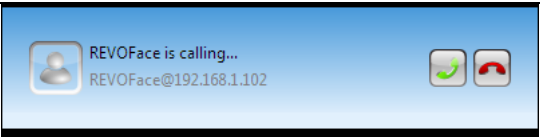


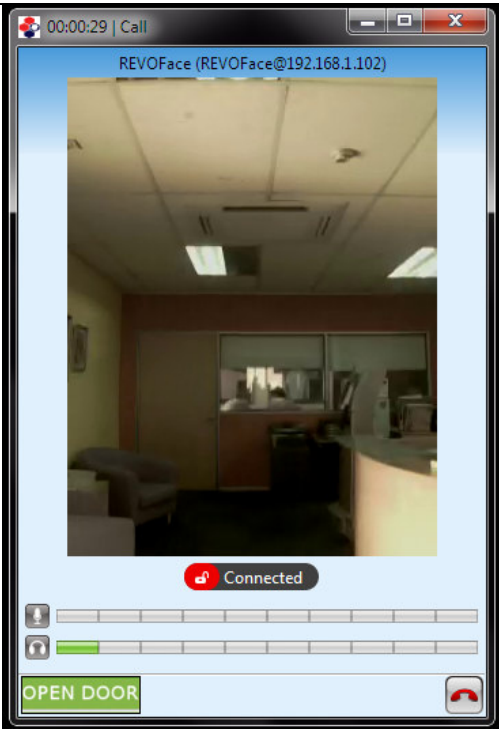


REVOFace Intercom is developed based on well-known open source application Jitsi ([www.jitsi.org](http://www.jitsi.org)). It has been further modified from the original software to make it even simpler to use with extensively clean graphical user interface.

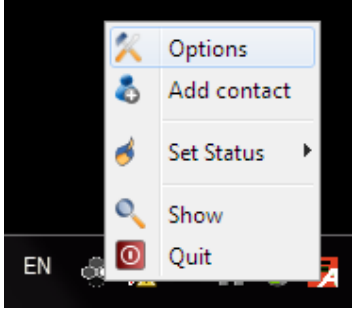

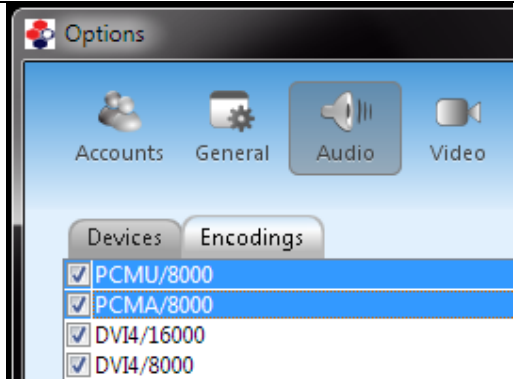
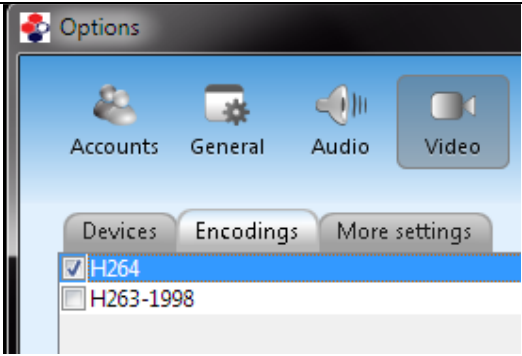
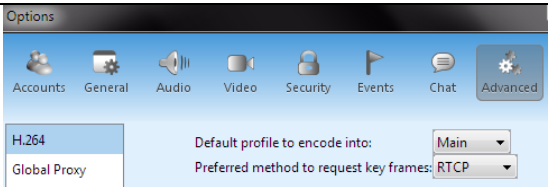
## 5.1 Configuring your account information

<p>Select &lt;Add new account&gt; option under application &lt;File&gt; menu</p>	
<p>Enter SIP id following format of ACCNAME@192.168.1.XXX</p> <p>ACCNAME can be any user-defined names for differentiating different devices/connections (if any).</p> <p>192.168.1.XXX is the IP address of the REVOFace device. It does not have to be in this format, depends on your local area network setting.</p>	
<p>Application will automatically start trying to connect to the Device though the IP address entered</p> <p>Account status will turns from &lt;offline&gt; to &lt;online&gt; when one or more than one accounts have successful connection</p>	

## 5.2 Video intercom and door remote control

<p>Status panel shows 'Online' when</p> <p>At least one account configured has been activated and,</p> <p>The network connection between REVOFace Intercom software and the specific REVOFace device has been established</p>	
<p>A window like this will pop-up when doorbell was pressed from REVOFace device</p> <p>Select  to pick up the call or  to hang up the call</p>	
<p>After picking up the call, video intercom connection will be established by showing this window</p> <p>Video frame is in the middle of the screen and any Audio volume changes are reflected by the green bar below.</p> <p>Click on  to open the door remotely</p> <p>Click on  to hang up the call</p>	

### 5.3 Advance configuration of your media (Optional)

<p>1. Right click on the REVOFace Icon at the Windows Notification Icon area and choose 'Option'</p>	
<p>2. Select 'Audio' tap from the Top Menu 3. Select your appropriate Audio System and test with your microphone. Try to speak something to your microphone. The green bar should reflect your volume changes if your audio system is setup properly.</p>	
<p>4. Switch to 'Encodings' tap under 'Audio' 5. Make sure PCMU/8000 and PCMA/8000 are activated</p>	
<p>6. Switch to 'Video' tap from the Top Menu 7. Switch to 'Encodings' tap 8. Make sure H264 are activated</p>	
<p>9. Switch to 'Advance' tap from the Top Menu 10. Configure settings under H.264 as shown</p>	

## 6 Additional Instructions

Here are some additional guidelines about how to use REVOFace.

### 6.1 User Position from device

The person to be enrolled or verified should be positioned in front of the camera. He/she should be between 35 and 65 cm length away from the camera and look straight at the camera as shown in **Figure 1**.

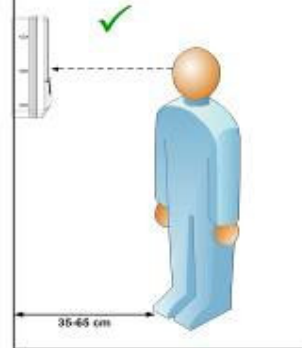


Figure 1

### 6.2 User facial expression

The user has to pose with a neutral facial expression and look straight at the screen during enrollment and verification. **Figure 2** shows the right and wrong ways to pose and the circle point to see during verification.



Figure 2

### 6.3 User posture

The user must be properly positioned and looking straight at the camera during enrollment and verification. **Figure 3** shows correct and incorrect postures.



Figure 3

### 6.4 Usage of touch screen

The REVOFace device is operated by the touch screen. For best response, touch the screen with one of your fingertips see as shown in **Figure 4**. Touching the screen with your nails is not recommended.

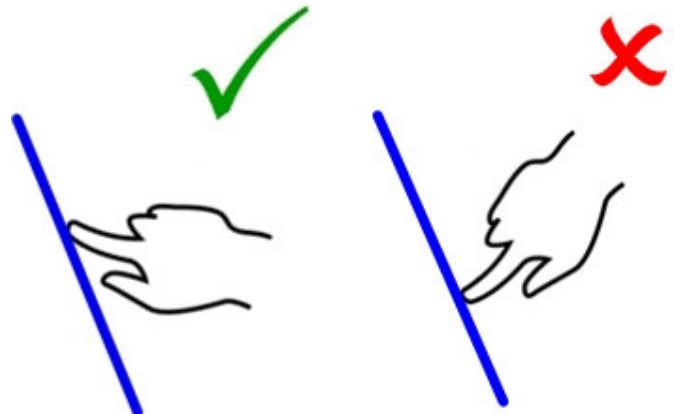


Figure 4

## 6.5 Points to see during enrolment and verification

The user has to look at the camera\* of REVOFace device for correct processing of enrollment and verification.

\*Camera of REVOFace located below the LCD screen.



*Figure 5*