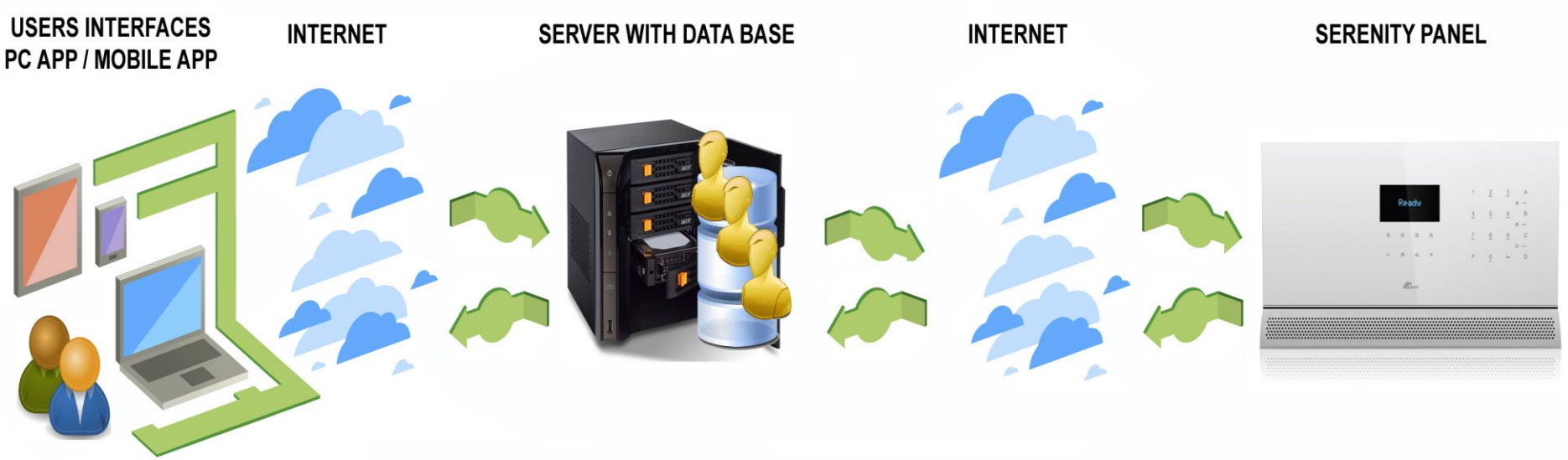
Serenity's Web & Mobile Application Concept

Communication Concept



Users can monitore and send commands to Serenity from PC, Tablet or Smartphone

All commands are sent through internet to the server.
The server host Users and Panels Databases.
Connection and Integration between the server and the Serenity is performed during the first installation of the panel (see chapter “Installation”)

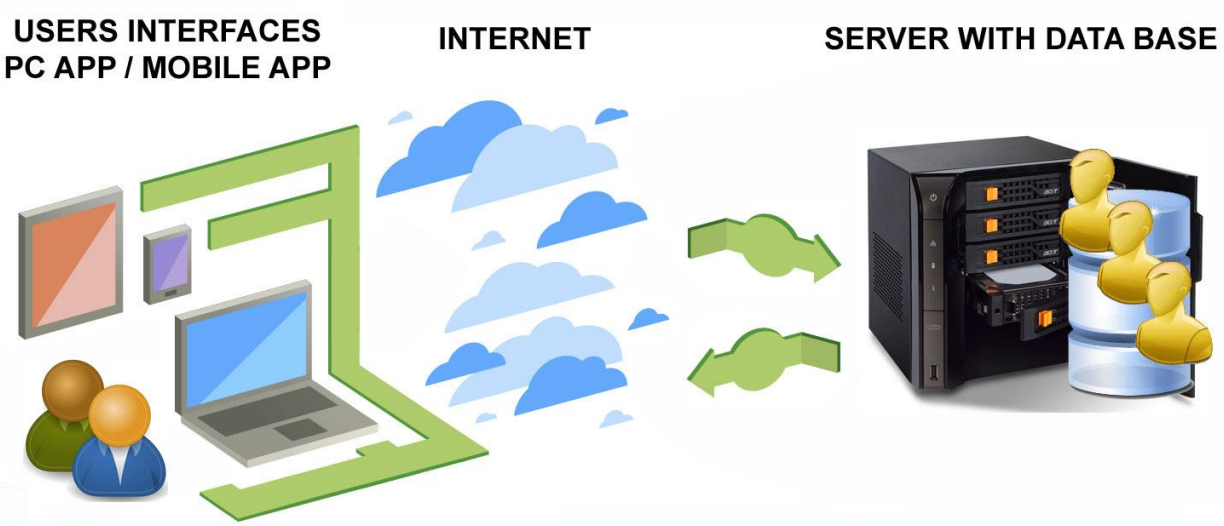
Serenity receive commands from the server and acknowledge it.

User Registration

Your MAC Address = 0021596EEAAB56
Your Panel Serial (S/N): 6504196C8

The Serenity Panel is supplied with label on it and on the box.

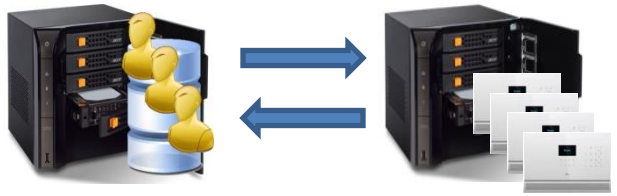
This label indicates the Unique Serial number (S/N) and the Mac Address of the panel.



The user register his Serenity in the Data Base (using computer, Smartphone or tablet).

For example: Registration on the website
http://www.thecrowcloud.com

The Serenity is registered on the Server.
The user is registered in the Data Base.



Interconnection between
panels data base and users database.

User Registration form – Step 1

The user goes on website registration (Ex: thecrowcloud.com)

Your Name:

First | Last

Your Email:

@yahoo.com

Create Password: | Confirm Password:

Your Country:

Mobile Phone:

+972XXXXXXXXX

International format
Used for SMS

Your Panel Serial Number (S/N): | Your Panel MAC Address:

Your MAC Address = 0021596EEAAB56
Your Panel Serial (S/N): 6504196C8

→ Label on Serenity

☐ I confirm conformity of all infos.....

Create User Now!

User Registration form – Step 2

Your Name:

Smith | John

Your Email:

johnsmith@yahoo.com

Create Password: ******* Confirm Password: *******

Your Country:

Israel

Mobile Phone:

+972541234567 International format Used for SMS

Your Panel Serial Number (S/N): 6504196C8 Your Panel MAC Address: 0021596EEAAB56

Your MAC Address = 0021596EEAAB56
Your Panel Serial (S/N): 6504196C8 → Label on Serenity

X I confirm conformity of all infos.....

Create User Now!

The user fill the form and submit it to the server by clicking on “Create User Now!”

The server receives the request and send email or SMS to the Mobile phone number for verification

The user receives Email or SMS with code

User Registration form – Step 3 Final

Please enter the code you received :

1458 Confirm!

The user is now registered and its mobile phone number is verified.

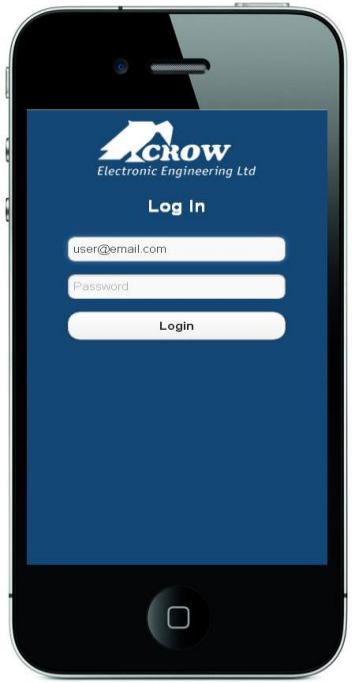
The user receives email notification with his credentials.

Panel is registered in Panels' Database
User is registered in Users' Database
Mobile phone will be used for SMS verification (for support access authorization)

Mobile Application “Serenity Connect”

The mobile application is available for i-phone and Android

Stretch website for Blackberry and others



Available on the App Store

Google play

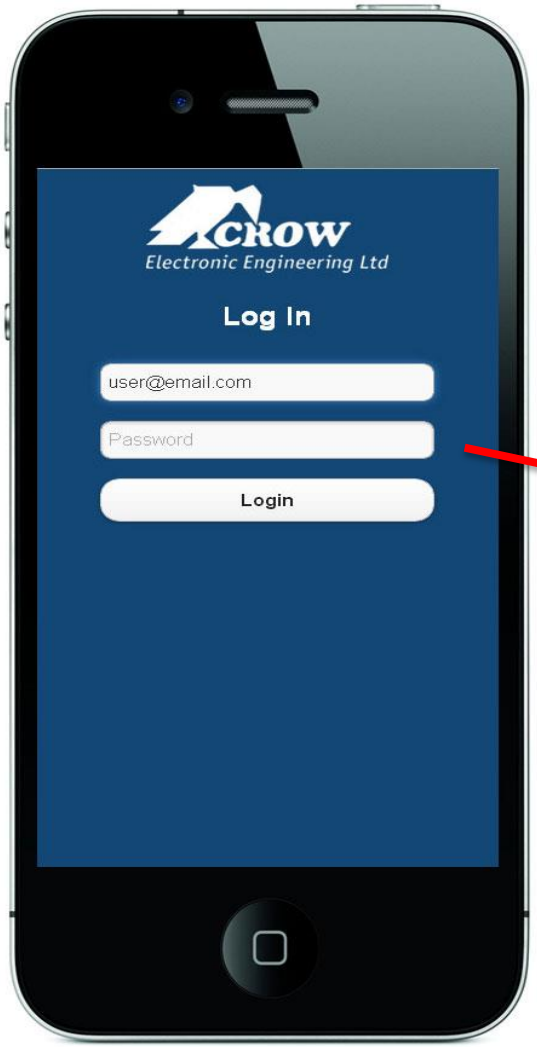
www.thecrowcloud.com

Mobile Application “Serenity Connect”

- **Search & Download the application from the Store**
- **Link to available stores on “thecrowgroup.com”**
- **The application is completely free**
- **The Application icon is automatically added to the home screen**
- **Only Data – No communication charges**

Serenity

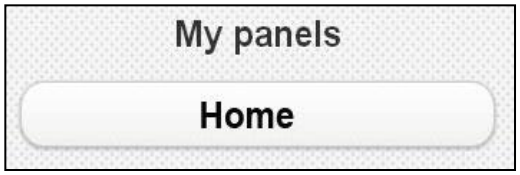
Log In Screen



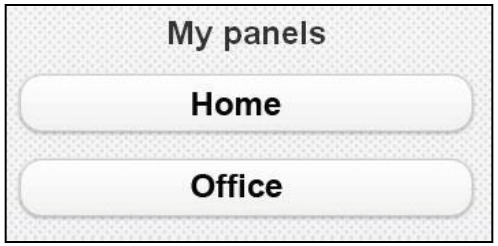
- **Launch the application**
- **Fill the registered user email and password**
- **Information can be saved for future connection**
  (no need to fill the form every time)

Choose your active panel

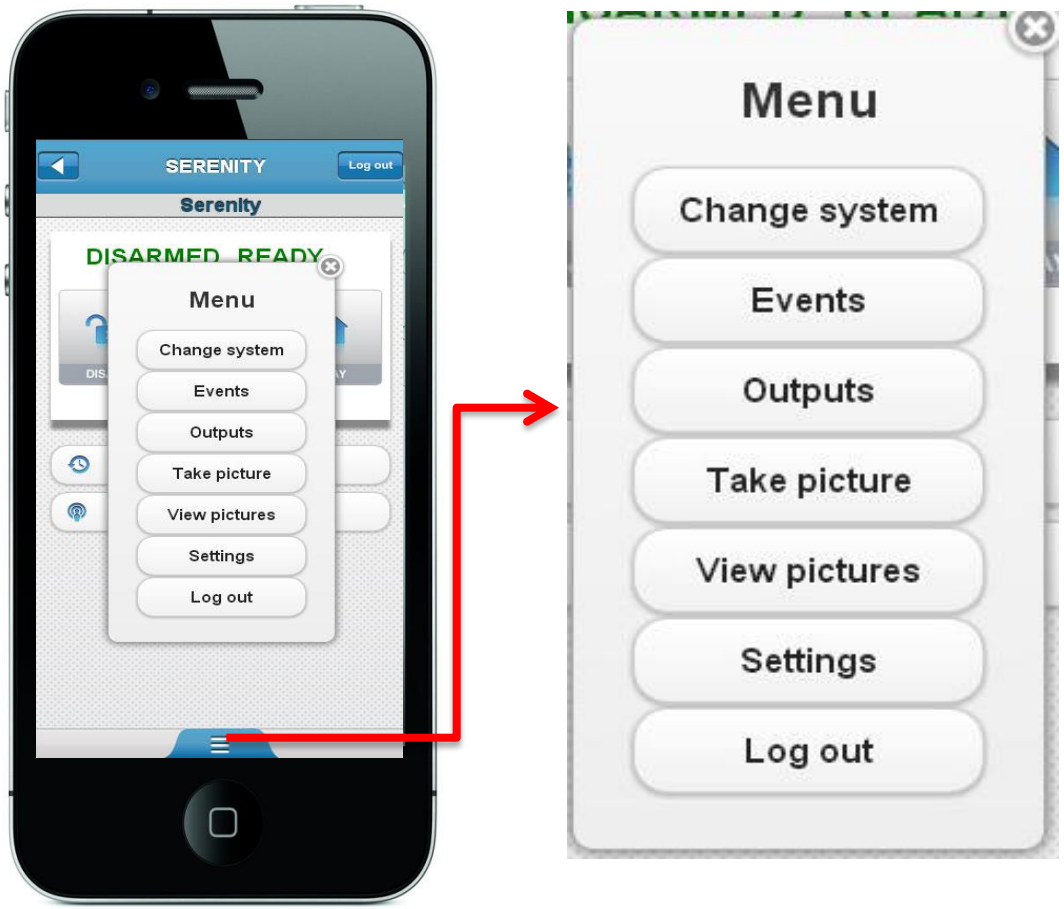
- **The application loading Serenity panel(s) linked to the user account**
- **If only 1 panel is linked to the user account the screen will switch directly the panel features**
- **If more than 1 panel are linked to the user account, the user will need to click on the desired one.**



OR



Quick Menu



Press on the Menu Key to:

Switch between linked panels (home, office…)

Check latest events

See and Operate on active Outputs (Activate/Deactivate)

Take picture from connected Pircam(s)

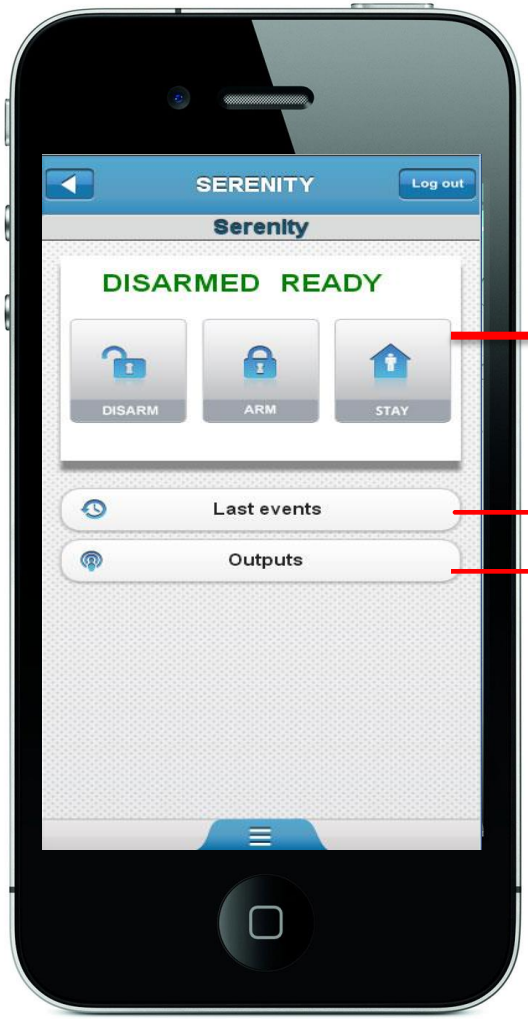
View and Search for stored Alarm pictures

Access to Panel & Users Info (Panel name and change password)

Log Out from the application

System Status

Disarmed Ready



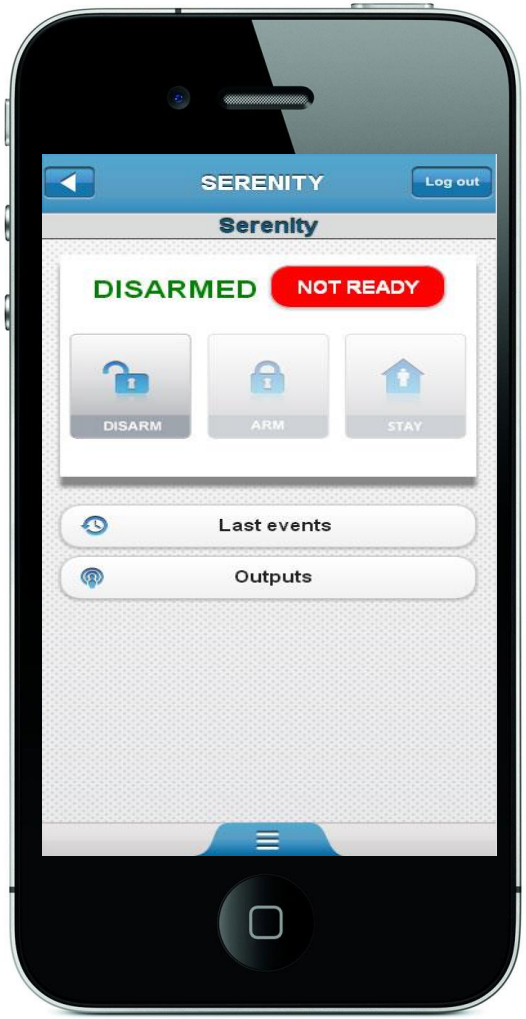
If all required zones for arming are closed and no troubles detected, the System is ready to be totally or partially armed

See the last 200 events stored in the panel
(see "events" section)

Outputs List
Option to Activate/Deactivate Outputs
(see "outputs" section)

System Status

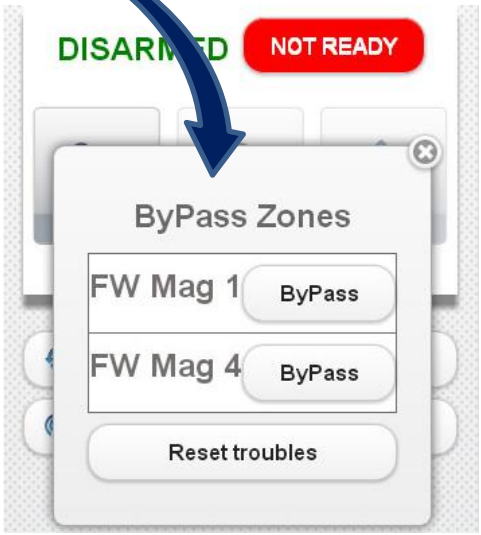
Disarmed Not Ready



If required zones are opens or in case of trouble, the Area is not ready for arming.

Press on NOT READY **to get info**

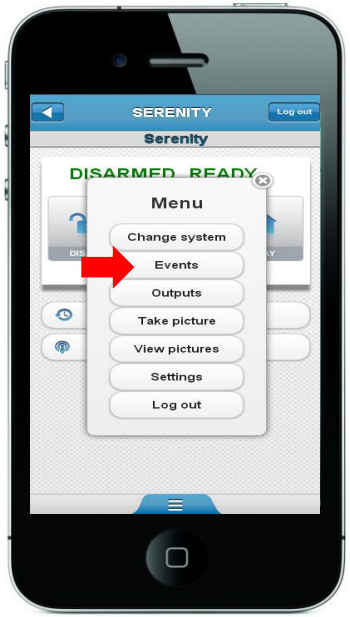
and option to bypass zones & Reset Troubles



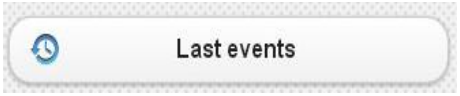
Arming (Total or Partial)

The Serenity™ can be totally or partially armed from the mobile application by simply clicking on the desired icon

Events Logs



OR



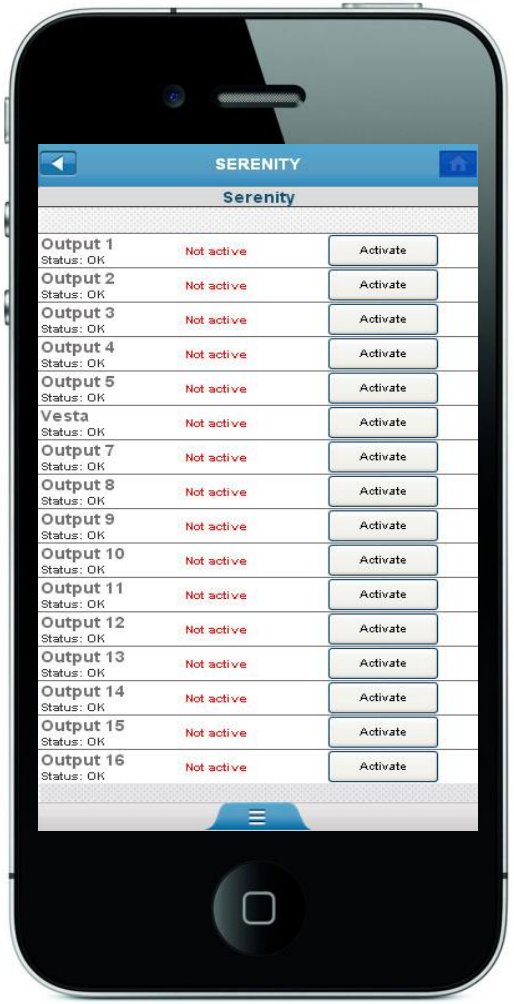
From the Welcome Screen

- See the last 200 events stored in the panel
- Apply filter: “Troubles” or “All Events”
- Events are fully dated
- Names of Zones and Users are displayed if configured in Serenity Panel
- 1 event display at once
- Move between events with “Next” / “Previous”
- Home button to go back to welcome screen

Outputs

OR

From the Welcome Screen



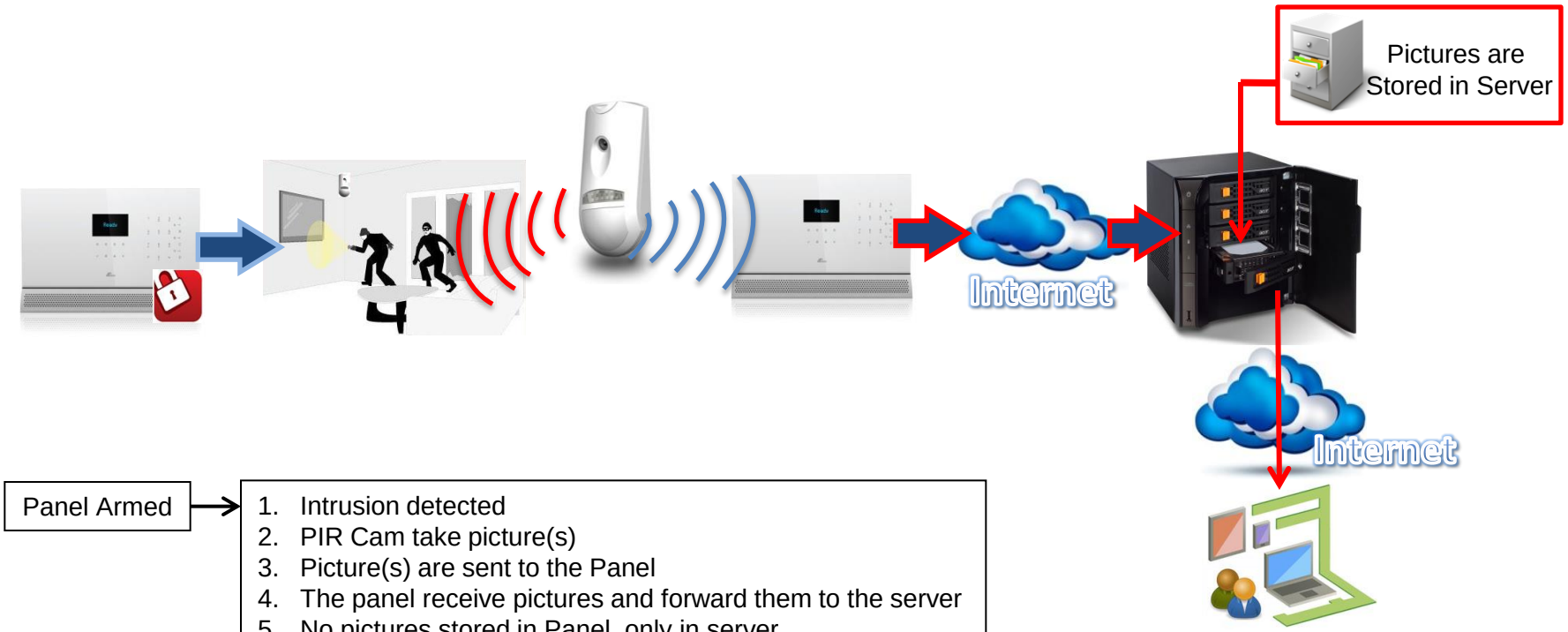
- **See all Outputs**
- **Activate/Deactivate Outputs and receive real-time status**

- **Names of Outputs are displayed if configured in Serenity Panel**
- **Home button to go back to welcome screen**

Take Real Time Picture

Select "Take Picture" From the Menu → Select the target PIRCAM → The requested picture will be displayed in 30 seconds.

Picture transmission in case of alarm



Panel Armed →

1. Intrusion detected
2. PIR Cam take picture(s)
3. Picture(s) are sent to the Panel
4. The panel receive pictures and forward them to the server
5. No pictures stored in Panel, only in server.

Users receive email notification with picture in attachment.
Picture can be stored on user's device

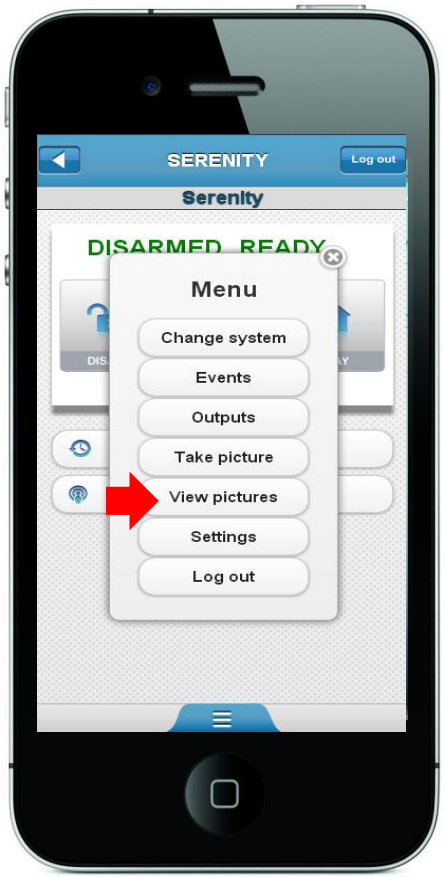
View Stored Pictures from Alarms

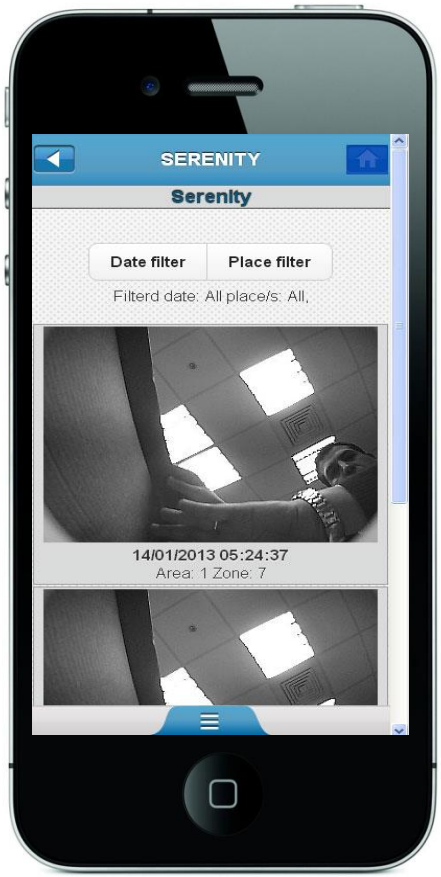
Select "View Picture" From the Menu

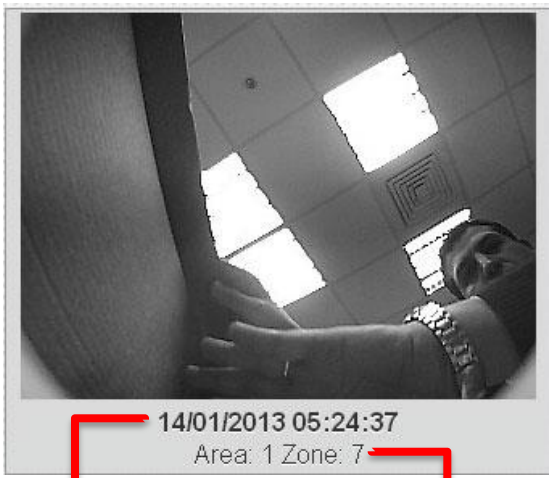
Latest Pictures are displayed

Click on picture To enlarge it

Pictures are fully detailed



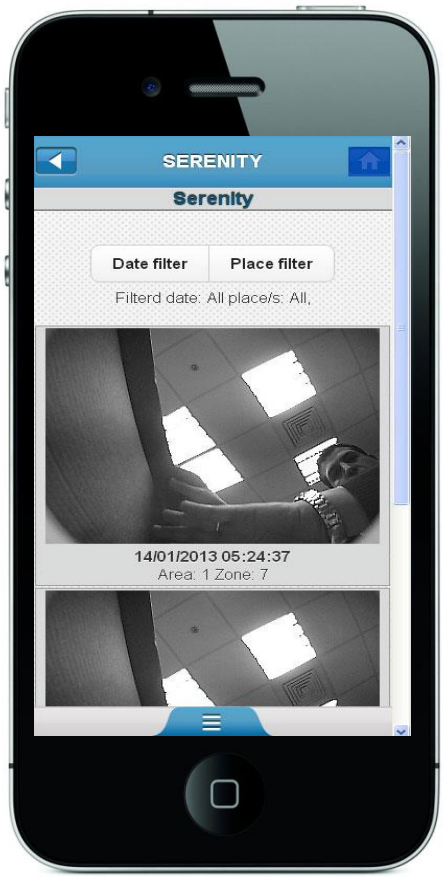




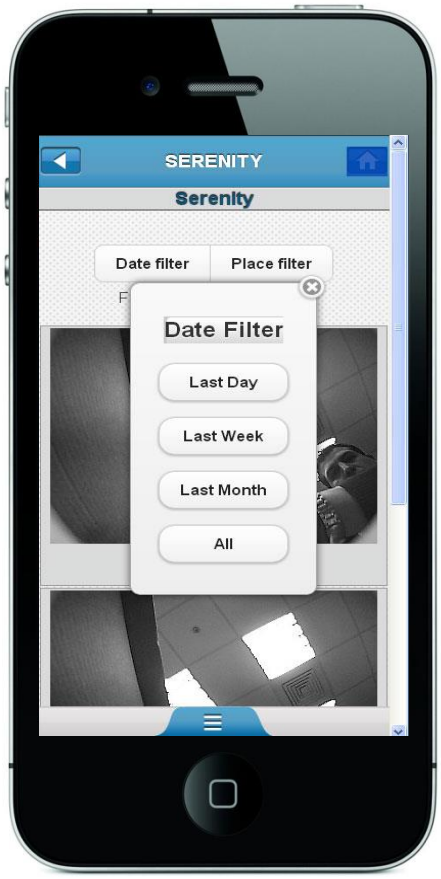
Date & Time

Location

Filters on Stored Pictures from Alarms

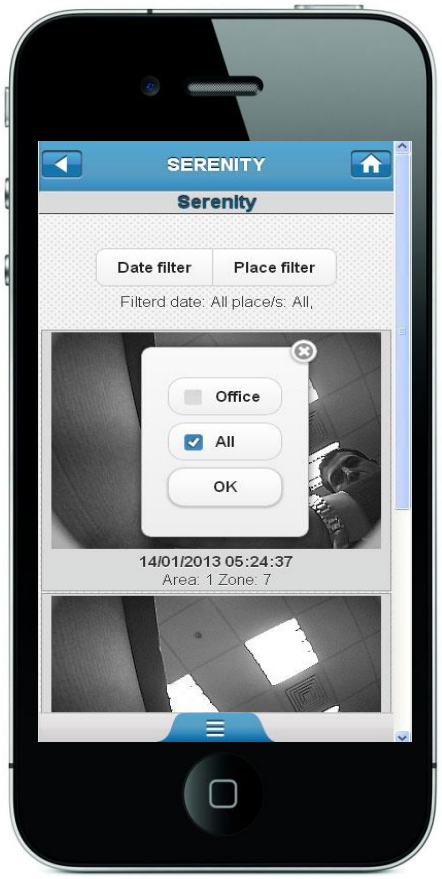


Click on desired filter



Apply Filter pictures by Date

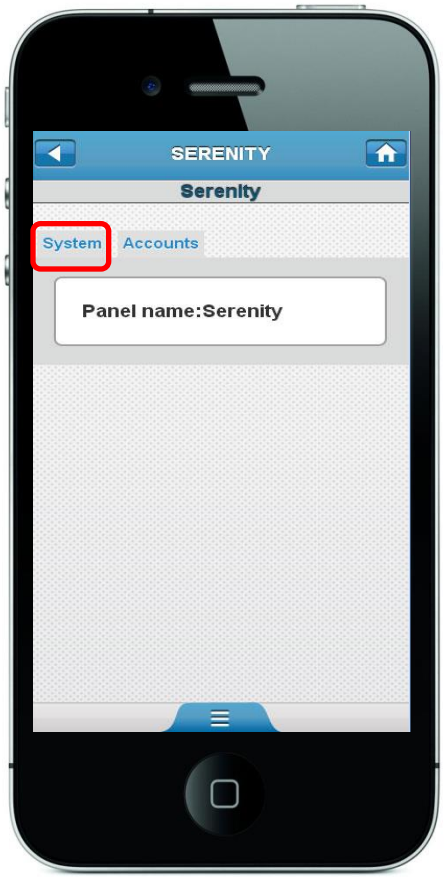
OR



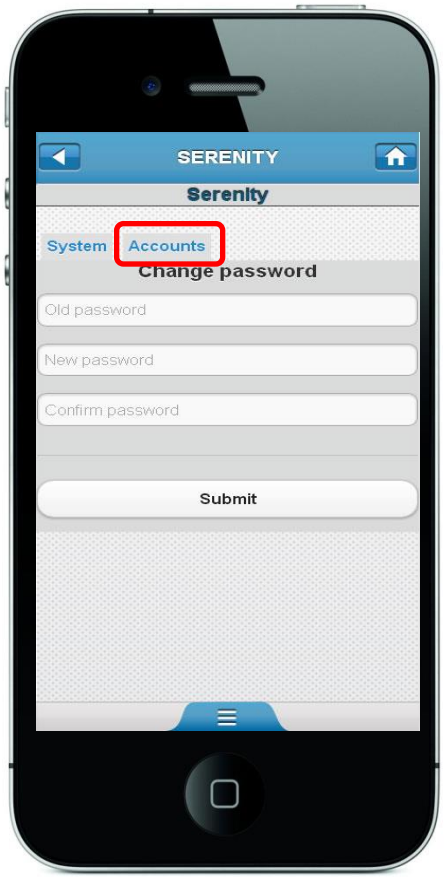
Apply Filter pictures by Place

Panel & Application basic Settings

Select "Settings" From the Menu



Display the current Panel name



Change User Password
(in Mobile Application only)