# **Snappy Video Management Server**

Standard 2019 Version: 1.0.000

## **Operation Manual**



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## **Chapter 1: Introduction**

Snappy VMS is a powerful tool to surveillance your industry, organization, Etc., Its can manage your multi brand recorders in single application. It includes variety of application for effective distributed management. It is the administration interface for all parts of system.

#### 1.1 SVMS Operator

Snappy VMS operator is a Complete control Application of Snappy VMS which is used to configure recorder, cameras & to see Live view , Playback , Alarms, etc.,

#### 1.2 SVMS Alarm Receiver

Snappy VMS Alarm Receiver is the application that receives the alarm from the recorders connected to the VMS Server. This application has to run in order to receive the alarm. it manages the alarm & Event maintenance.

#### 1.3 SVMS Alarm Sender

Snappy VMS Alarm Sender is the application that sends the alarms to the ONLINE web services.

#### 1.4 SVMS DB Setup

Snappy VMS DB Setup tool is used to create Database required for Snappy VMS Server.

#### 1.5 SVMS Settings

Snappy VMS Settings tool is used to create required Configuration files that is required for Snappy VMS Server & its components.

## Chapter 2: Login

After installation of Snappy VMS product, **Snappy VMS** shortcuts will be created on the desktop.



- > Double click the **SVMS Operator** shortcut to run the application.
- > Open the Login page of application and default Username is 'admin' and Password is 'admin'.
- > Enter the username, password and then click the **Login** button.

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SAGODY Video Management Server		,
	Username	Login to your account
	Password	Enter Password
		Login
	© Snappy	VMS - Standard 2019 V1.0.000 - All rights reserved

## Chapter 3: Snappy VMS Standard 2019 Features

Snappy VMS having following user friendly features available. They are,

#### 3.1 Live View





- > Just play Recorders and cameras Drag And Drop to view.
- > **Drag** and **Drop** the video from one to another position.
- > To take **snapshot** from live video, hover the live click **o c** icon.
- ▶ If you want to see playback from live view, Click < 😪 😘 😘 😘 5,10,30,59 minutes Play back files
- Easy to change stream type main stream and sub stream, Hover view Click [] icon.
- Can change view 1, 4, 9, 16, 25, 36 Click
- Scan no signal cameras, click **G** icon on top right.
- > If you want to change login user without Exit the application, click [] icon on top right.
- Can Toggle view, click con on top right.
- Spot out or additional view, click + icon on top right.
- > If Click Spot out icon, open additional view in the secondary monitor when you have dual monitor.
- Click next, previous button easy to play Recorders, click Live View  $\leftarrow 1/2 \rightarrow$  top center.
- Easy to navigate Main menu, live view, Playback, Logs page, Click <a>[]</a> Image: The second sec
- In live view change to group view, click s icon.

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#### 3.2 Group View

- > Multiple recorders channels can grouped, and that grouped channels can be view in this page.
- ➢ Group view have all live view function available.

#### 3.3 Logs

- Snappy VMS user can see all logs in single page, click 👩 icon top left
- Following logs available
  - 1. Alarms
  - 2. Alarm History
  - 3. Event History
  - 4. Audit History
  - 5. Web services log
  - 6. Snapshot Log
  - 7. Backup log

🛈 Snappy V	/MS - Standard 201	9 - V1.0.000	🧿 Alarms	候 Alarm History	ڃ Event History	Audit History	🙀 WebService Log	SnapShot Log	Backup Log	_ 🗗 🗙
0						Alarm				
Date	Time	Recorder Nan	ne	Reco	order IP		Alarm Source		Alarm Name	
02/12/2019	8:46:51 AM	Recorder 2		192.1	68.10.222		IPC		Video Loss	
02/12/2019	8:46:51 AM	Recorder 2		192.1	68.10.222		Recorder 2		Recording Serv	ver Online
02/12/2019	8:46:02 AM	Recorder 2		192.1	68.10.222		IPC		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 16		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 15		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		14 CAM		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 13		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 12		Video Loss	=
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 11		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 10		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 9		Video Loss	
02/12/2019	8:46:02 AM	Recorder 2		192.1	68.10.222		Recorder 2		Recording Serv	ver Online
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		Recorder -1		Recording Serv	ver Online
02/12/2019	8:45:25 AM	Recorder 2		192.1	68.10.222		IPC		Video Loss	
02/12/2019	8:45:24 AM	Recorder -1		192.1	68.10.230		CAM 16		Video Loss	
02/12/2019	8:45:24 AM	Recorder -1		192.1	68.10.230		CAM 15		Video Loss	
02/12/2019	8:45:24 AM	Recorder -1		192.1	68.10.230		14 CAM		Video Loss	
02/12/2019	8:45:24 AM	Recorder -1		192.1	68.10.230		CAM 13		Video Loss	
02/12/2019	8:45:24 AM	Recorder -1		192.1	68.10.230		CAM 12		Video Loss	
02/10/2010					co to ooo					,
Show 25 v	Records 1 - 25 of 1	00 records								€ €Prev 1 Next → →

#### 3.4 Alarms

View the latest 100 Alarms in the Alarm Window

#### 3.5 Alarm History

View the history of all alarm.

#### **3.6 Event History**

View the events log history in the Event History

#### 3.7 Audit History

view add, edit, delete log for Recorder, user, role, group and all pages audit information show in audit history

#### 3.8 Web Service Log

View the information of log sent to web Services.

#### 3.9 Snap Shot Log

> View the records of Snapshot taken in Live view, Recorder Playback and Backup Playback

#### 3.10 Back Up Log

view the Downloaded Records of Recorder Playback

#### 3.11 Playback



- Show Playback time line control in time base, Click 🕦 🕦 icon show time line 15,30,60 min
- > Time line show selected day file availability.
- To view the Playback Synchronously, Click Synchronous icon before search.
- Download recorder file, Select Camera and Click Download icon show backup and download page. Select the download file time interval (Start Date and Time and End Date and Time) and Click button.



- Can take snapshot, hover the play view, click oi icon.

## Chapter 4: Main Menu

٥							×
<b>a</b>	LiveView	Grouphier Grouphier	Fayback	Recorder Configuration	Backup Log	0.0000 Arm: 0.0000	
	SnapShot Log	Settings	Information	Account	Role	Alarm listery	
	Event history	Ander History	Web Service Log	Group Configuration			

## Chapter 5: Recorder Configuration

> Click



Recorder configuration icon in main menu

- Recorder configuration page have following functions
  - 1. Add
  - 2. Edit
  - 3. Delete

				Recorde	r Config	uration			c	) + 🖉	<b>i</b> ×
Recor	der Name	Brand	Recorder IP	User Name	HTTP Port	TCP Port	Status	Total Channel	Active Channel	<b>A</b>	
Record	der -1	Snappy	192.168.10.230	admin	80	37777	• Online	16	16	*	

Show	10	Ŷ	Records 1 - 1 of 1 re	cords
------	----	---	-----------------------	-------

#### 5.1 Recorder List

- Show List of Added Recorder
- > To navigate add, edit, delete recorder from list page
- Recorder Name, Brand, Recorder IP, User Name, HTTP and TCP ports, recorder status, Total and

Active channels, Active channel configuration, SIRA Requirement status are available.

Click (C) icon top right, Refresh list.

#### 5.2 Recorder Add

- Click + icon to navigate to recorder add page.
- Support to add following brand recorders Snappy, MxHelix, Hik vision, Uniview, Dahua and ONVIF Compatible.

|← ←Prev 1 Next → →|



A	dd Recorder Wizard		>
Recorder Name *			
Recorder IP *			
Username*			
Password *			
Brand *	Snappy	•	
TCP Port *			
HTTP Port *			
RTSP Port *			
HTTPS Port			
Channel *	Total Active		
	Save		

**Recorder Name:** Give a Name to Recorder

- **Recorder IP:** Enter the **IP** Address of the Recorder.
- **User Name:** Enter the User Name of the Recorder.
- > **Password:** Enter the Password of Recorder.
- **Brand:** Select the Brand of Recorder.
- **TCP Port:** Enter the TCP Port number of the Recorder.
- **HTTP port:** Enter the HTTP Port number of the Recorder.
- **RTSP Port:** Enter the RTSP Port number of the Recorder.
- **HTTPS Port:** Enter the HTTPS Port number of the Recorder. It is not mandatory.
- > Channel:
  - 1. **Total:** Enter the Total number of channel in Recorder.
  - 2. Active: Enter the number of active Channel in Recorder. (number of channels that are actually

connected to the recorder) .By providing correct value in active field, the unwanted channel

showing in application can be avoided.

#### 5.3 Recorder Edit

- Recorder list page Click icon top right.
- > Before click edit icon must select any recorder from list.

**Edit Recorder Wizard** x Recorder Name\* Recorder -1 Recorder IP\* Username\* admin Password \* Brand \* Snappy TCP Port\* 37777 HTTP Port\* 80 RTSP Port\* 554 HTTPS Port 443 Channel \* Total 16 16 Active Cancel Save

> Also double clicking the Recorder in the list page to navigate to edit recorder page.

#### > Advance Camera Configuration:

- 1. Click **(**) for go to advance camera configuration.
- 2. Following popup show



🙈 Ca	imera(s) - Recorder -1	×
SI.No	Camera Name	Active
1	CAM 1	
2	CAM 2	
3	3 ENTRANCE	
4	4 HALL	
5	5 UI Team Cabin	
6	6 UI Team Cabin	
7	7 TestingTeam Cabin	
8	8 Kitchen	
9	CAM 9	
10	CAM 10	Image: A state of the state
		Save

3. Here selected camera only show live view, playback, alarm, etc., all application function.

#### **5.4 Recorder Delete**

- > Click 💼 icon to delete Recorders from list.
- > Before click icon at least select one camera.

0				Recorde	r Config	uration				0	+ 🖉	ŵ 🗙
	Recorder Name	Brand	Recorder IP	User Name	HTTP Port	TCP Port	Status	Total Channel	Active Channel		۵.	
	Recorder -1	Snappy	192.168.10.230	admin	80	37777	• Online	16	16		•	
	Recorder 2	Hikvision	192.168.10.222	admin	80	8000	• Online	32	32		*	Ē

Show 10 · Records 1 - 2 of 2 records

(← ←Prev 1 Next → →

9	Recorder Configuration									0 <b>+ /</b> 🖻 🗙			
	Recorder Name	Brand	Recorder IP	User Name	HTTP Por	t TCP Port	Status	Total Channel	Active Channel	- P			
	Recorder -1	Snappy	192.168.10.230	admin	80	37777	• Online	16	16	ø			
X	Recorder 2	Hikvision	192.168.10.222	admin	80	8000	• Online	32	32	¢			
				ອະກດກອງ Are you su Yes	re want to del	ete?	×						
Sho	w 10 · Records 1 - 2	2 of 2 records							I <b>← ←</b> Prev	1	Next 🗲	<b>→</b>	

Showing popup message click yes, will delete recorder. Click no, return to list page.

#### **5.5 Recorder supported Features**

> In recorder list page click [] icon to show recorders support features in following pop up.

📄 Sup	oported Features	×
SI.No	Feature	Status
1	Live View	0
2	Playback	0
3	Backup & Download	0
4	User Management	0
5	NTP Time Synchronization	0
6	Firmware Version/ Model Information	0
7	Recorder Offline	0
8	Recorder Online	0
9	Video Loss	0
10	Video Reconnect	0
11	HDD Full if overwriting option is not enabled	0
12	HDD Fail/Error	0
		Ok

> Green Tick Icon show features is supported and Red Cross icon shows the features not supported.



#### 5.6 Recorder Active channels

In list page click icon, also navigate to camera active channel page.

## **Chapter 6: Group Configuration**

Main menu click



icon go to add, Edit, Delete groups.

#### 6.1 Group Add



 Drag and Drop – Select the Group and simply drag the camera from left side and Drop your group in right side.

&	Ca	mera Group	×
+	Group Name Entrance		Edit Cancel
<b>Entrance</b>	<ul> <li>Recorder -1</li> <li>CAM 1</li> <li>CAM 2</li> <li>CAM 2</li> <li>3 ENTRANCE</li> <li>4 HALL</li> <li>S UI Team Cabin</li> <li>6 UI Team Cabin</li> <li>7 TestingTeam Cabin</li> <li>8 Kitchen</li> <li>CAM 9</li> <li>CAM 10</li> <li>CAM 11</li> <li>CAM 12</li> </ul>	<ul> <li>-€</li> <li>→</li> <li>→</li> <li>→</li> <li>(•)</li> <li>(•)</li> </ul>	Entrance

3. Select Cameras and click

icon cameras move to left to right

+     -     Group Name     Entrance     Edit     Cance       -     -     -     -     -     -       -     -     -     -     -     -       -     -     -     -     -     -       -     -     -     -     -     -       -     -     -     -     -     -       -     -     -     -     -     -	×	Camera	æ
Entrance     The Recorder -1     CAM 1     CAM 1     CAM 1	Edit Cancel	Group Name Entrance	+
<ul> <li>CAM 2</li> <li>S ENTRANCE</li> <li>A HALL</li> <li>S UI Team Cabin</li> <li>G UI Team Cabin</li> <li>T TestingTeam Cabin</li> <li>R Kitchen</li> <li>CAM 9</li> <li>CAM 10</li> <li>CAM 12</li> </ul>	<ul> <li>Entrance</li> <li>CAM 1</li> <li>CAM 2</li> <li>3 ENTRANCE</li> <li>4 HALL</li> <li>5 UI Team Cabin</li> </ul>	<ul> <li>Recorder -1</li> <li>CAM 1</li> <li>CAM 2</li> <li>3 ENTRANCE</li> <li>4 HALL</li> <li>5 UI Team Cabin</li> <li>6 UI Team Cabin</li> <li>7 TestingTeam Cabin</li> <li>8 Kitchen</li> <li>CAM 9</li> <li>CAM 10</li> <li>CAM 11</li> <li>CAM 12</li> </ul>	Entrance

(→

#### > UNMAP the camera in the group

1. Select the Group Name and Select the number of Camera to UNMAP in your group and



&	Ca	mera Group	×
+ -	Group Name Entrance    Recorder -1     CAM 1    CAM 2   CAM 2    A HALL	<ul> <li>Entrance</li> <li>CAM 1</li> <li>CAM 2</li> <li>A HALL</li> <li>S UI Team Cab</li> <li>S UI Team Cab</li> <li>S ENTRANCE</li> </ul>	dit Cancel



#### 6.2 Group Edit

- Select the Group Name and Edit group.
- Scroup edit option can change group name, map and un-map cameras.

#### 6.3 Group Delete

> Select the Group and Click 🔵 icon to delete group.

æ		Camera	Group			×
(+) (-)	Group Name	Parking			Edit	Cancel
Remove Group	Recorder -1			- 🕞 Parking		
A Parking	► 📇 Recorder 2					
			۲			
			۲			

&	Camera Group	×
+	Group Name Parking	dit Cancel
Lentrance	Recorder -1         Barking	
A Parking	F 🕞 Recorder 2	
	× vaoous	
	Are you sure want to delete?	
	Yes No	
	(€)	

> Click yes to delete group, No to cancel delete group.

#### 6.4 Group View

Then created group will show in group view window.  $\geq$ 



## Chapter 7: Role Configuration

- > Role give a privilege to user view pages.
- ➢ Go to main menu click,



icon to show Role list page.

#### 7.1 Role List

- List of roles showing on role list view.
- Can navigate to Add, Edit, Delete role from list page
- Click 🕂 🧪 💼 icon to Add, Edit, and Delete roles.  $\geq$
- Administrator role saved default, in this role can't modify.



#### 7.2 Role Add

Click + icon go to Add Role popup

<b>W</b>	A	dd Role		<b>×</b>
Role*				
Memo				
Privilege				
Live View	Backup Playback	Alarm	Audit History	
Group View	Picture	Recorder Configuration	Web Service Log	
Recorder Playback	Account	Alarm History	Settings	
Backup and Download	Role	Event History	Group Configuration	
	Save	Cancel		



- > Role: Give a name of Role. (E.g.:- Employee, User-1, etc..,)
- Memo: Description about Role.
- > **Privileges:** Select the Privileges given to Role.
- > List button: Click 📄 icon to go back your Role list page

#### 7.3 Role Edit

- Role list page Click icon to edit selected role.
- > Role list double click Role also go to Edit role page

<b>}</b>	E	dit Role	
Role*	USER		
Memo	USER		~
Privilege			
✓ Live View	Backup Playback	Alarm	Audit History
Group View	Picture	Recorder Configuration	Web Service Log
Recorder Playback	Account	Alarm History	Settings
Backup and Download	Role	Event History	Group Configuration
	Save	Cancel	

Can edit Role information in this page.

### 7.4 Role Delete

> Role list page click iii icon to delete selected Role.

<b>W</b>	Role	+ 🥒 🏛 🕽
Group Name	Memo	
ADMIN	ADMINISTRATOR	
USER	USER	
how 10 ° Records 1 - 2 of 2 records		<b>€ €</b> Prev 1 Next → •
<b>)</b> }	Role	+ 🖋 💼 🤉
Group Name	Role	+ / 🕯 >
Group Name ADMIN	Role Memo ADMINISTRATOR	+/8;
Group Name Admin USER	Role Memo Administrator USER	+ / 🔒 )
Group Name ADMIN USER	Role Memo Administrator User	+ / 🗎 >
Group Name ADMIN USER	Role Memo ADMINISTRATOR USER	+ / î )
Group Name Admin USER	Role Memo Administrator USER	+/ 8)
Group Name ADMIN USER	Role Memo Administrator User	+ / 🔒 >
Group Name ADMIN USER	Role Memo ADMINISTRATOR USER SACIODY X Are you sure want to delete?	+ / 🗎 >
ADMIN USER	Role Memo ADMINISTRATOR USER SACIODY Are you sure want to delete? Yes No	+ / î )
SFOUD Name ADMIN USER	Role Memo ADMINISTRATOR USER SERGODY X Are you sure want to delete? Yes No	+ / 83
Croup Name ADMIN USER	Role Memo ADMINISTRATOR USER SACLODY Are you sure want to delete? Yes No	+ / î ;
Group Name ADMIN USER	Role Memo ADMINISTRATOR USER SEGGODY Are you sure want to delete? Yes No	+ 🖌 🗎 3
Croup Name ADMIN USER	Role Memo ADMINISTRATOR USER SEGACODY Are you sure want to delete? Yes No	+ / î )
Group Name ADMIN USER	Role Memo ADMINISTRATOR USER	+ / î ;
Croup Name ADMIN USER	Role Memo ADMINISTRATOR USR SACRODY Are you sure want to delete? Tes No	+ / î ;

> Click yes to delete selected role, No to cancel delete operation.

## **Chapter 8: Account Configuration**

- > Create Account for login to the Snappy VMS applications.
- > Main menu click **Main** icon go to Account list page.

#### 8.1 Account List

2	Account			+	• 🖋 🖞	) <b>X</b>
User Name	Group Name	Memo				
🔲 admin	ADMIN	-				
User	USER	Users				
Show 10 · Records 1 - 2 of 2 records		<del>&lt;</del>	<b>♦</b> Prev	1	Next 🗲	≯∣

#### 8.2 Account Add

> Add a new account click 🕂 icon show add Account pop up page

2	Add Account	
Account Name*		
Password *		
Confirm Password *		
Role *	Select Role	
Memo		

- > Account Name: Give a Username of Account.
- > **Password:** Give password of Account.
- **Confirm Password:** Re-Enter the password to confirm
- Role: Select the User Role( E.g. : Admin, Employee, etc.,)
- > **Memo:** Enter the Description about your Account.
- > By click the 📃 Account List button you can go back to the Account List window.

#### 8.3 Account Edit

- Account list page Click icon to edit selected Account.
- > Double click the Account in List page can also go to Edit account page



2		Edit Account		×
	Account Name*	User		
	Role *	USER	۷	
	Memo	Users	^	
	Modify Password		V	
	Old Password *			
	New Password *			
	Confirm Password *			
		Save		

- Edit Account window you can update your Account Name, Role, Memo and Modify Password.
- > If check Modify password must give following columns
  - 1. Old Password
  - 2. New Password
  - 3. Confirm Password
- > Then only user can change account password.

#### 8.4 Account Delete

> Account list page click iii icon to delete selected Account.

User Name	Group Name ADMIN USER	Memo - Users	
1 admin 1 User	ADMIN USER	- Users	
User	USER	Users	
how 10 ~ Records 1 - 2 of 2 records		<b>.</b>	Prev 1 Next > >
2	Account		+ 🖋 🗄
User Name	Group Name	Мето	
admin	ADMIN		
User	USER	Users	
	2(2220U		
	69 BAUMA	<u> </u>	
	Are you sure want to delete?		
	Yes No		

> Click yes to delete Account, No to cancel account.

## Chapter 9: Logs

- Following log pages are available in Snappy VMS
  - 1. Alarms
  - 2. Alarm History
  - 3. Event History
  - 4. Audit History
  - 5. Web services log
  - 6. Snapshot Log
  - 7. Backup log

#### 9.1 Alarm

view the latest 100 log in the Alarm Window

🛈 Snappy V	MS - Standard 2	019 - V1.0.000	🧭 Alarms	候 Alarm History	左 Event History	Audit History	🍓 WebService Log	💏 SnapShot Log	Backup Log	- 6	×
Ø						Alarm					
Date	Time	Recorder Nan	ne	Reco	rder IP		Alarm Source		Alarm Name		h
02/12/2019	8:46:51 AM	Recorder 2		192.1	68.10.222		IPC		Video Loss		
02/12/2019	8:46:51 AM	Recorder 2		192.1	68.10.222		Recorder 2		Recording Serv	er Online	
02/12/2019	8:46:02 AM	Recorder 2		192.1	68.10.222		IPC		Video Loss		
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 16		Video Loss		
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 15		Video Loss		
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		14 CAM		Video Loss		
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 13		Video Loss		
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 12		Video Loss		-
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 11		Video Loss		
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 10		Video Loss		
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		CAM 9		Video Loss		
02/12/2019	8:46:02 AM	Recorder 2		192.1	68.10.222		Recorder 2		Recording Serv	er Online	
02/12/2019	8:46:01 AM	Recorder -1		192.1	68.10.230		Recorder -1		Recording Serv	er Online	
02/12/2019	8:45:25 AM	Recorder 2		192.1	68.10.222		IPC		Video Loss		
02/12/2019	8:45:24 AM	Recorder -1		192.1	68.10.230		CAM 16		Video Loss		
02/12/2019	8:45:24 AM	Recorder -1		192.1	68.10.230		CAM 15		Video Loss		
02/12/2019	8:45:24 AM	Recorder -1		192.1	68.10.230		14 CAM		Video Loss		
02/12/2019	8:45:24 AM	Recorder -1		192.1	68.10.230		CAM 13		Video Loss		
02/12/2019	8:45:24 AM	Recorder -1		192.1	68.10.230		CAM 12		Video Loss		
00/40/0040	0.15.01.111										ŀ
Show 25 v	Records 1 - 25 of	100 records								€ €Prev 1 Next →	H

> Pagination available for view the next and previous pages.

#### 9.2 Alarm History

> To view the history of all alarm based on Today, Last 7 days, Last 30 days, Last 90 Days and

Custom date select.

Pagination available for view the next and previous pages.

#### > Simple Search

Snappy VN	IS - Standard 2	019 - V1.0.000 🕜 Alarms	候 Alarm History	左 Event History	Audit Histor	ry 🙀 WebService Log	SnapShot Log	Backup Log	_ 6×
Today	Last 7 Days	Last 30 Days Last 90 Days 02/12/2019 12	2:00:00 AM - 02/12/2019 11:59:	59 PM Selected Alar	m (2) •	192.168.10.230			Q ¥
Date	Time	Recorder Name	Record	der IP		Alarm Source		Alarm Name	•
02/12/2019	8:51:00 AM	Recorder 2	192.168	8.10.222 Video Re	connect k Full	IPC		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.168	8.10.230 Hard Disk	k Full Restore k Error	CAM 16		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.168	8.10.230 Recordin	g Server Online g Server Offline	CAM 15		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.168	8.10.230 Motion D Shelter A	Arm	14 CAM		Video Loss	_
02/12/2019	8:51:00 AM	Recorder -1	192.168	8.10.230 Recordin	g Stort g Stop g Schedule Change	CAM 13		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.168	8.10.230 External External External	Alarm Iarm Restore Alarm Restore	CAM 12		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.168	8.10.230		CAM 11		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.168	8.10.230		CAM 10		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.168	8.10.230		CAM 9		Video Loss	
02/12/2019	8:46:51 AM	Recorder 2	192.168	8.10.222		IPC		Video Loss	
02/12/2019	8:46:02 AM	Recorder 2	192.168	8.10.222		IPC		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.168	8.10.230		CAM 16		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.168	8.10.230		CAM 15		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.168	8.10.230		14 CAM		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.168	8.10.230		CAM 13		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.168	8.10.230		CAM 12		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.168	8.10.230		CAM 11		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.168	8.10.230		CAM 10		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.168	8.10.230		CAM 9		Video Loss	
Show 50 v	Records 1 - 46 of	46 records							<b>€ €</b> Prev <b>1</b> Next <b>⇒ &gt;</b>

- 1. Date Wise Search (Today, Last 7 days, Last 30 days, Last 90 Days and Custom date select).
- 1. Alarm wise search (All, Video loss, Video Reconnect etc...) with multi select.
- 2. Text Search(Date, time, Recorder Name, Recorder IP, Alarm Source and Alarm

Name)

Advance Search

![](_page_32_Picture_0.jpeg)

- 1. Date Wise Search (Today, Last 7 days, Last 30 days, Last 90 Days and Custom date select).
- Text Search (Alarm Name, Alarm Source, Recorder IP and Recorder Name) in single Search click.

Snappy VI	MS - Standard 2	2019 - V1.0.000 Ø Alarms	롲 Alarm History	Event History	Audit History	🙀 WebService Log	腕 SnapShot Log	Backup Log	_ 6×
Today	Last 7 Days	Last 30 Days Last 90 Days 02/12/2019 1	2:00:00 AM - 02/12/2019 11:59	59 PM Selected Alarm	n (0) -				Q ¥
Alarm Nan	ne •				Recorder	Name •			
Recorder I	•				Alarm So	urce •			
					0				
Date	Time	Recorder Name	Record	der IP		Alarm Source		Alarm Name	
02/12/2019	8:51:00 AM	Recorder 2	192.16	8.10.222		IPC		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.16	8.10.230		CAM 16		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.16	8.10.230		CAM 15		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.16	8.10.230		14 CAM		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.16	8.10.230		CAM 13		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.16	8.10.230		CAM 12		Video Loss	-
02/12/2019	8:51:00 AM	Recorder -1	192.16	8.10.230		CAM 11		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.16	8.10.230		CAM 10		Video Loss	
02/12/2019	8:51:00 AM	Recorder -1	192.16	8.10.230		CAM 9		Video Loss	
02/12/2019	8:46:51 AM	Recorder 2	192.16	8.10.222		IPC		Video Loss	
02/12/2019	8:46:02 AM	Recorder 2	192.16	8.10.222		IPC		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.16	8.10.230		CAM 16		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.16	8.10.230		CAM 15		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.16	8.10.230		14 CAM		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.16	8.10.230		CAM 13		Video Loss	
02/12/2019	8:46:01 AM	Recorder -1	192.16	8.10.230		CAM 12		Video Loss	
Show 50 v	Records 1 - 46 o	f 46 records							<b>€ €</b> Prev <b>1</b> Next <b>→ →</b>

#### 9.3 Event History

To view the events log history in the Event History Tab based on Today, Last 7 days, Last 30 days,

Last 90 Days and Custom date select.

- > Also search the Events by using Simple and advance Search option.
- > Pagination available for view the next and previous pages.
- > Simple Search
  - 2. Date Wise Search (Today, Last 7 days, Last 30 days, Last 90 Days and Custom date

select).

![](_page_33_Picture_0.jpeg)

- 3. Event wise search (All, Video loss, Video Reconnect etc...) with multi select.
- 4. Text Search (Date, time, Recorder Name, Recorder IP, Event Source and Event

Name).

③ Snappy VI	AS - Standard 2	019 - V1.0.000	O Alarms	롲 Alarm History	Event Histo	ry 📉 📶 Audit His	ory 🙀 WebService	t Log 🥂 🎆 SnapShot Log	Backup Log	_ 6×	¢
Today	Last 7 Days	Last 30 Days	Last 90 Days 02/12/2019 12	2:00:00 AM - 02/12/2019 11:5	9:59 PM	cted Event (8)	Cam 1			Q	¥
Date	Time	Recorder Na	me	Reco	rder IP	All Video Lorr	Event Source		Event Name		Ŀ
02/12/2019	9:49:36 AM	Recorder -1		192.1	68.10.230	Video Reconnect Hard Disk Full	CAM 1		Motion Detecti	ion	
02/12/2019	9:48:54 AM	Recorder -1		192.1	68.10.230	Hard Disk Full Restore Hard Disk Error	CAM 1		Motion Detecti	ion	
02/12/2019	9:48:36 AM	Recorder -1		192.1	68.10.230	Recording Server Online Recording Server Offline	CAM 1		Motion Detecti	ion	
02/12/2019	9:48:14 AM	Recorder -1		192.1	68.10.230	Motion Detection Shelter Alarm Recording Start	CAM 1		Motion Detecti	ion	-
02/12/2019	9:47:36 AM	Recorder -1		192.1	68.10.230	Recording Stop Recording Schedule Change	CAM 1		Motion Detecti	ion	
02/12/2019	9:47:21 AM	Recorder -1		192.1	68.10.230	External Alarm Shelter Alarm Restore External Alarm Restore	CAM 1		Motion Detecti	ion	
02/12/2019	9:47:05 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	
02/12/2019	9:46:55 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	Γ
02/12/2019	9:45:10 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	
02/12/2019	9:44:40 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	
02/12/2019	9:44:07 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	
02/12/2019	9:43:08 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	
02/12/2019	9:41:45 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	
02/12/2019	9:41:27 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	
02/12/2019	9:41:17 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	
02/12/2019	9:41:05 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	
02/12/2019	9:40:05 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	
02/12/2019	9:39:52 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	
02/12/2019	9:38:52 AM	Recorder -1		192.1	68.10.230		CAM 1		Motion Detecti	ion	ļ
Show 50 v	Records 1 - 50 of	f 192 records								<b>€ €</b> Prev <b>1 Next → →</b>	I

#### > Advance Search

🛈 Snappy VM	IS - Standard	2019 - V1.0.000	🔿 Alarms	🥖 🥰 Alarm History	Event History	Audit History	WebService Log	📑 SnapShot Log	Backup Log		_ 8 ×	]
Today	Last 7 Days	Last 30 Days	Last 90 Days 02/12/2019	12:00:00 AM - 02/12/2019 11:	59:59 PM Selected Even	ut (0) •					Q ¥	
Event Name	e •	Motion Detection	n			Event	Source   Cam 1					
Recorder Ip	•	192.168.10.230				Recor	der Name • Recorder	r-1				
						Q						
Date	Time	Recorder Na	ame	Rec	order IP		Event Source		Event Name			i
02/12/2019	9:49:36 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:48:54 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:48:36 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			1
02/12/2019	9:48:14 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:47:36 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			4
02/12/2019	9:47:21 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:47:05 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:46:55 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:45:10 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:44:40 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:44:07 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:43:08 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:41:45 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:41:27 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:41:17 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			
02/12/2019	9:41:05 AM	Recorder -1		192.	168.10.230		CAM 1		Motion Detection			·
Show 50 v	Records 1 - 50 c	of 192 records								€ €Prev	1 Next → →	

- 1. Date Wise Search (Today, Last 7 days, Last 30 days, Last 90 Days and Custom date select).
- Text Search (Event Name, Event Source, Recorder IP and Recorder Name) in single Search click.

#### 9.4 Audit History

- Audit History Tab Contains the audit records of Snappy VMS Application (Operator, Alarm Receiver and Alarm Sender).
- > Pagination available for view the next and previous pages.

- You can view the audit information such as Login, logout, Start, Stop, Exit, Insert, Update and Delete in the Audit history Tab based on Today, Last 7 days, Last 30 days, Last 90 Days and Custom date select.
- > Simple Search
  - Date Wise Search (Today, Last 7 days, Last 30 days, Last 90 Days and Custom date select).
  - 2. Module wise search (Accounts, Role, General Settings, Operator, Alarm Receiver, Alarm Sender and Recorder settings).
  - 3. Operation wise search (Start, stop, Login, logout, Exit, Insert, update and Delete).

Snappy VN	AS - Standard 2	019 - V1.0.000	🔿 Alarms	롲 Alarm History	左 Event History	📆 Audit Histo	лу	🙀 WebServic	e Log	🥦 SnapShot Log	Backup Log			-	<b>8</b> ×
Today	Last 7 Days	Last 30 Days	Last 90 Days 02-12-2019 12:00	0:00 AM - 02-12-2019 11:5	9:59 PM Account	•	Select All Oper	ation •	٩						
Date	Time	Module		Operation		Action Done	Insert		Search	Description					÷
02/12/2019	8:51:01 AM	Alarm Receive	r	Start		admin	Delete								
02/12/2019	8:50:49 AM	Alarm Receive	r	Stop		admin	Start Stop Login								
02/12/2019	8:50:39 AM	Operator		Login		admin	Exit Logout								
02/12/2019	8:50:30 AM	Operator		Logout		admin									
02/12/2019	8:46:51 AM	Alarm Receive	r	Start		admin				-					
02/12/2019	8:46:33 AM	Operator		Login		admin									
02/12/2019	8:46:23 AM	Alarm Receive	r	Exit		admin									-
02/12/2019	8:46:18 AM	Alarm Receive	r	Stop		admin									
02/12/2019	8:46:09 AM	Operator		Logout		admin									
02/12/2019	8:46:02 AM	Alarm Receive	r	Start		admin									
02/12/2019	8:45:41 AM	Alarm Receive	r	Exit		admin									
02/12/2019	8:45:25 AM	Alarm Receive	r	Start		admin									
02/12/2019	8:45:03 AM	Alarm Receive	r	Exit		admin									
02/12/2019	8:44:57 AM	Alarm Receive	r	Start		admin									ľ
02/12/2019	8:44:34 AM	Alarm Receive	r	Stop		admin									
02/12/2019	8:41:21 AM	Operator		Login		admin									
02/12/2019	8:41:10 AM	Operator		Logout		admin									
02/12/2019	8:36:35 AM	Operator		Login		admin									
Show 25 ×	Records 1 - 25 of	42 records										I&	<b>€</b> Prev <b>1</b>	Next 🚽	• →

#### 9.5 Web Service History

- > To view the information of log sent to Services
- > Log showing based on Today, Last 7 days, Last 30 days, Last 90 Days and Custom date select.
- > Also search the log by using Simple and advance Search option.
- > Pagination available for view the next and previous pages.

Snappy V	MS - Standard 2	019 - V1.0.000	C Alama	Alarra History	È Event l	listery Č	The Audit Mistor	ar Í	A WebCendee Le		Case Check Log	Raskup Los				- <b>A</b> ×
Today	Last 7 Days	Last 30 Days	Last 90 Days 04-11-20	19 9:18:00 AM - 15-11-2019 11:5	9:59 PM	Selected Alarm (		.,,	Webservice Lo	9 <b>116</b>	ShapShot Log	Backup Log				<b>Q</b> ¥
Date	Time	Recorder Nat	me Recorde	er IP Alarm S	ource	Alarm Na	me	Service	Name	Sent Date	Sent Time	Status	Reason		Re	try Count
15/11/2019	9:18:02 AM			10.0.12.2	11	Heart Bea	:	Video G	iuard	15/11/2019	9:18:02 AM	Success			-	
15/11/2019	9:13:01 AM			10.0.12.2	11	Heart Bea	:	Video G	iuard	15/11/2019	9:13:01 AM	Success				
15/11/2019	9:08:00 AM			10.0.12.2	11	Heart Bear	t	Video G	iuard	15/11/2019	9:08:01 AM	Success			-	
15/11/2019	9:02:59 AM			10.0.12.2	11	Heart Bea	:	Video G	uard	15/11/2019	9:03:00 AM	Success				-
15/11/2019	8:57:59 AM			10.0.12.2	11	Heart Bea	:	Video G	uard	15/11/2019	8:57:59 AM	Success				
14/11/2019	7:10:28 PM			10.0.12.2	11	Heart Bear		Video G	iuard	14/11/2019	7:10:28 PM	Success				
14/11/2019	7:05:27 PM			10.0.12.2	11	Heart Bea	:	Video G	iuard	14/11/2019	7:05:27 PM	Success			-	
14/11/2019	7:00:26 PM			10.0.12.2	11	Heart Bea	:	Video G	uard	14/11/2019	7:00:26 PM	Success				ſ
14/11/2019	6:55:26 PM			10.0.12.2	11	Heart Bea	:	Video G	uard	14/11/2019	6:55:26 PM	Success				
14/11/2019	6:50:25 PM			10.0.12.2	11	Heart Bear	1	Video G	uard	14/11/2019	6:50:25 PM	Success				
14/11/2019	6:45:15 PM			10.0.12.2	11	Heart Bea	:	Video G	iuard	14/11/2019	6:45:25 PM	Success				
14/11/2019	6:34:25 PM			10.0.12.2	11	Heart Bea	:	Video G	uard	14/11/2019	6:34:25 PM	Success				
14/11/2019	6:29:24 PM			10.0.12.2	11	Heart Bea	:	Video G	iuard	14/11/2019	6:29:25 PM	Success				
14/11/2019	6:33:20 PM			10.0.12.2	11	Heart Bea	:	Video G	iuard	14/11/2019	6:33:20 PM	Success	-		-	
14/11/2019	6:28:20 PM			10.0.12.2	11	Heart Bea	:	Video G	iuard	14/11/2019	6:28:20 PM	Success			-	
14/11/2019	6:23:20 PM			10.0.12.2	11	Heart Bea	t	Video G	iuard	14/11/2019	6:23:20 PM	Success				
14/11/2019	2:47:58 PM			10.0.12.2	11	Heart Bea	1	Video G	iuard	14/11/2019	2:47:58 PM	Success				
14/11/2019	2:42:57 PM			10.0.12.2	11	Heart Bea	1	Video G	iuard	14/11/2019	2:42:57 PM	Success				
14/11/2019	2:37:56 PM			10.0.12.2	11	Heart Bea	:	Video G	iuard	14/11/2019	2:37:56 PM	Success			-	
Show 50 v	Records 1 - 50 of	80 records											1	<b>€ €</b> Prev	1 N	iext → →

Snappy VI	MS - Standard :	2019 - V1.0.000	Alarms	롲 Alarm History	🚣 Event History	Audit History	WebService Log	📑 Snap	Shot Log	Rackup Log			_ 🗗 🗙
Today	Last 7 Days	Last 30 Days	Last 90 Days 29-07-2019 12	:00:00 AM - 02-12-2019 11:5	9:59 PM Selected Alarr	n (0) •							Q ¥
Alarm Nan	ne •	video loss				Alarm	Source • Cam 16						
Recorder I	n •	192.168.10.230				Status	* succ						
						0							
Date	Time	Recorder Nam	ne Recorder IP	Alarm Sc	urce Alarm	Name S	ervice Name	Sent Date	Sent Time	Status	Reason		Retry Count
14/11/2019	6:48:20 PM	dahua	192.168.10.2	30 CAM 16	Video	Loss V	lideo Guard	14/11/2019	6:36:37 PM	Success	-		
14/11/2019	6:37:00 PM	dahua	192.168.10.2	30 CAM 16	Video	Loss V	lideo Guard	14/11/2019	6:36:35 PM	Success			
14/11/2019	3:24:04 PM	svms	192.168.10.2	30 CAM 16	Video I	Loss V	fideo Guard	14/11/2019	6:18:46 PM	Success	-		-
13/11/2019	11:55:53 AM	dahua	192.168.10.2	30 CAM 16	Video	Loss V	rideo Guard	14/11/2019	12:14:24 PM	Success	-		
13/11/2019	11:51:12 AM	dahua	192.168.10.2	30 CAM 16	Video I	Loss V	rideo Guard	14/11/2019	12:14:21 PM	Success	-		
13/11/2019	11:48:59 AM	dahua	192.168.10.2	30 CAM 16	Video I	Loss V	rideo Guard	14/11/2019	12:14:20 PM	Success	-		-
13/11/2019	10:00:54 AM	dahua	192.168.10.2	30 CAM 16	Video I	Loss V	fideo Guard	14/11/2019	12:18:12 PM	Success	-		
12/11/2019	6:55:16 PM	dahua	192.168.10.2	30 CAM 16	Video I	Loss V	fideo Guard	14/11/2019	12:18:08 PM	Success	-		
12/11/2019	5:55:04 PM	dahua	192.168.10.2	30 CAM 16	Video	Loss V	lideo Guard	14/11/2019	12:17:35 PM	Success			
12/11/2019	3:04:13 PM	dahua	192.168.10.2	30 CAM 16	Video I	Loss V	ideo Guard	14/11/2019	12:14:32 PM	Success	-		
12/11/2019	2:59:37 PM	dahua	192.168.10.2	80 CAM 16	Video	Loss V	lideo Guard	14/11/2019	12:14:31 PM	Success			
12/11/2019	2:44:33 PM	dahua	192.168.10.2	80 CAM 16	Video	Loss V	lideo Guard	14/11/2019	12:14:29 PM	Success			
12/11/2019	2:42:33 PM	dahua	192.168.10.2	30 CAM 16	Video	Loss V	lideo Guard	14/11/2019	12:14:26 PM	Success			
Show 50 v	Records 1 - 13 c	of 13 records									I <del>¢</del>	<b>♦</b> Prev	<b>1</b> Next <b>⇒ ⇒</b>

#### 9.6 Snap Shot Log

Snap shot log page can view Snapshot taken in Live view, Recorder Playback and Backup Playback.

![](_page_37_Picture_0.jpeg)

- Search Snapshot by selected cameras and Selected Date.
- > View the snap shot by Single view, four view, Nine View and 16 views.
- > Zoom in and Zoom out the Selected Image.
- Clear all option available.

#### 9.7 Back Up Log

![](_page_38_Picture_1.jpeg)

- View the Downloaded Records of Recorder Playback based on Single, Four, nine and sixteen views
- > Also Search records by selected cameras and Selected Date.
- > Can play the downloaded records fast forward and slow forward using 🔘 and 🕑 buttons.
- > Play all and Stop all Option available using 2 and 2 buttons.
- > Also taken Snapshot the Downloaded Records.
  - You can view these log pages in secondary monitor when you have dual monitor

## Chapter 10: Spot out

- Spot out windows have 2 pages
  - 1. Live view
  - 2. Group View
- > In Live view or group view click 🕂 icon to open spot out window
- > Both spot out windows live, Group view pages same like as main window live , group views.

## Chapter 11: Settings

Configuration Settings of Snappy VMS

#### **11.1 Client Viewer**

<b></b>	Settings ×
	Client Viewer —
Client Viewer	☑ Shuffle By Camera
NTP Settings	Based On 9 View(s) in Time Interval 00 Mins 3 Sec
Alarms / Events	C:\ *
Auto Login / Auto Start	Auto Play In Liveview, Need To Play 9  View(s) Automatically on Login NTP Settings
	NTP Server Name         192.168.10.154
	NTP Port 123 (1-65535)
	NTP Time Zone (UTC+04:00) Arabian Standard Time *
	Save

- Shuffle by Camera: Toggle the Live view in Main Window and Spot out based on No of Views (1, 4, and 9) in the given Time Interval.
- > Local File Path: Path to store the Snapshot and playback records.
- > Auto Play: To Play Live View in no of views Automatically in Main window on login the operator.

#### **11.2 NTP Settings**

		Settir	ngs			:
Client Viewer	NTP Settings					
	NTP	VMS Server	□ NTP :	Server		
NTP Settings	NTP Server Name	192.168.10.154			]	
Alarms / Events	NTP Port	123	(1-6	5535)		
Auto Login / Auto Start	NTP Time Zone	(UTC+04:00) Arabian	Standard	Time •		
	NTP Update Time	2	Mins	(1-1500)		
	Alarms And Even	ts				
	Show Alarms as No	otification 🗹 Automa	tically Clos	e the notifications after 5	Seconds	
	Name	<b>*</b> 1	7	Name	<b>1</b>	7
	Video Loss	<b>√</b>		Video Reconnect	<b>√</b>	
	Hard Disk Full	$\checkmark$		Hard Disk Full Restore	$\checkmark$	
	Hard Disk Error	✓		Hard Disk Error Restore	$\checkmark$	
		Save	Ca	ncel		

- Common Time Settings for your VMS pc, your connected recorders and Cameras
- > NTP
- 1. VMS VMS PC Act as NTP Server.
- **2.** NTP Server Select the NTP Server.
- > NTP Server Name: IP address of NTP Server (for VMS -VMS PC IP address )
- > **NTP Port:** Enter Port no of the NTP Port.

- > **NTP Time Zone:** Select the Time zone of your location.
- > **NTP Update Time:** Enter the NTP Synchronous Time interval.

#### 11.3 Alarms / Events

<b></b>		Setting	gs			×
Client Viewer	Alarms And Events	] Automatio	cally Clos	se the notifications after 5 Sec	conds	_
NTP Settings	Name	<b>*</b> 1	1	Name	<b>1</b>	•
Alarms / Events	Video Loss	$\checkmark$		Video Reconnect	<b>v</b>	
Auto Login / Auto Start	Hard Disk Full	✓		Hard Disk Full Restore	✓	
	Hard Disk Error	✓		Hard Disk Error Restore	$\checkmark$	
	Recording Server Offline	✓		Recording Server Online	$\checkmark$	
	Shelter Alarm		$\checkmark$	Shelter Alarm Restore		✓
	External Alarm		$\checkmark$	External Alarm Restore		✓
	Recording Start		$\checkmark$	Recording Stop		✓
	Recording Schedule Change		✓	Motion Detection		✓
	Save		Ca	ancel		

> Need to notify the alarms as Pop up check Show alarm and Check automatically close the

notification after given seconds.

> Choose the Events to receive as Alarm or Events.

#### 11.4 Auto Login / Auto Start

Start and Login automatically Snappy VMS Applications(Alarm sender and Alarm Receiver) by

Selected User login when pc starts or Restart

	:	Settings			:
Client Viewer	Auto Login And Auto Start				
NTP Settings	Application Name	Auto Start	Auto Login	Account	
Alarms / Events	Snappy VMS Alarm Sender	<b>V</b>		admin 🔹	
Auto Login / Auto Start	Snappy VMS Alarm Receiver	✓		admin •	
	Save	Can	cel		

## Chapter 12: Snappy VMS Version Information

> Main window Click 🧭 icon to view Snappy VMS Version information.

![](_page_42_Picture_3.jpeg)

## Chapter 13: Snappy VMS License Upgradation

Main window Click icon to upgrade Snappy VMS Channel License.

![](_page_43_Picture_2.jpeg)

- To Export your license for upgradation, click Export License for Upgradation button and Select the path to Export your current license.
- > To upgrade your current channel license, click Import Upgraded License button and select the

upgraded license file.