

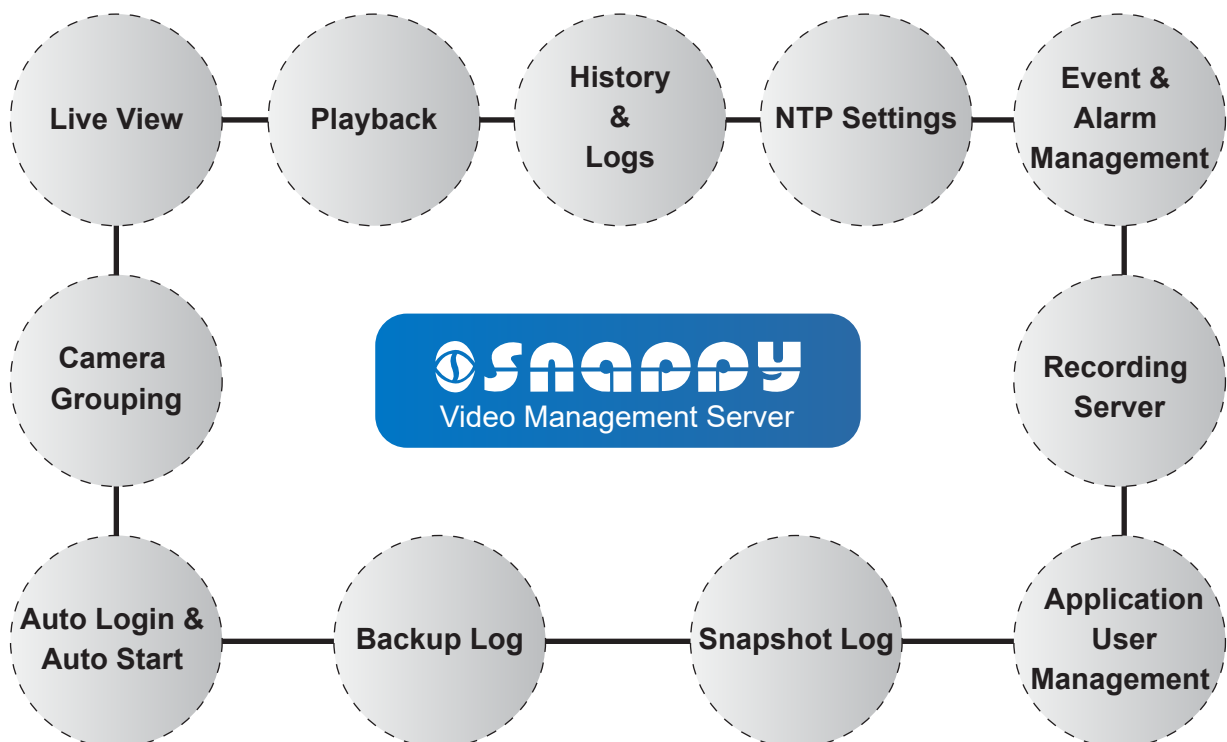
INTRODUCTION

The Snappy VMS proprietary software platform was developed by Snappy. This platform improves central Video Management Server (VMS) and integrates related hardware. This highly effective platform delivers data and intelligence via a pre-installed VMS on standard, off-the-shelf servers.

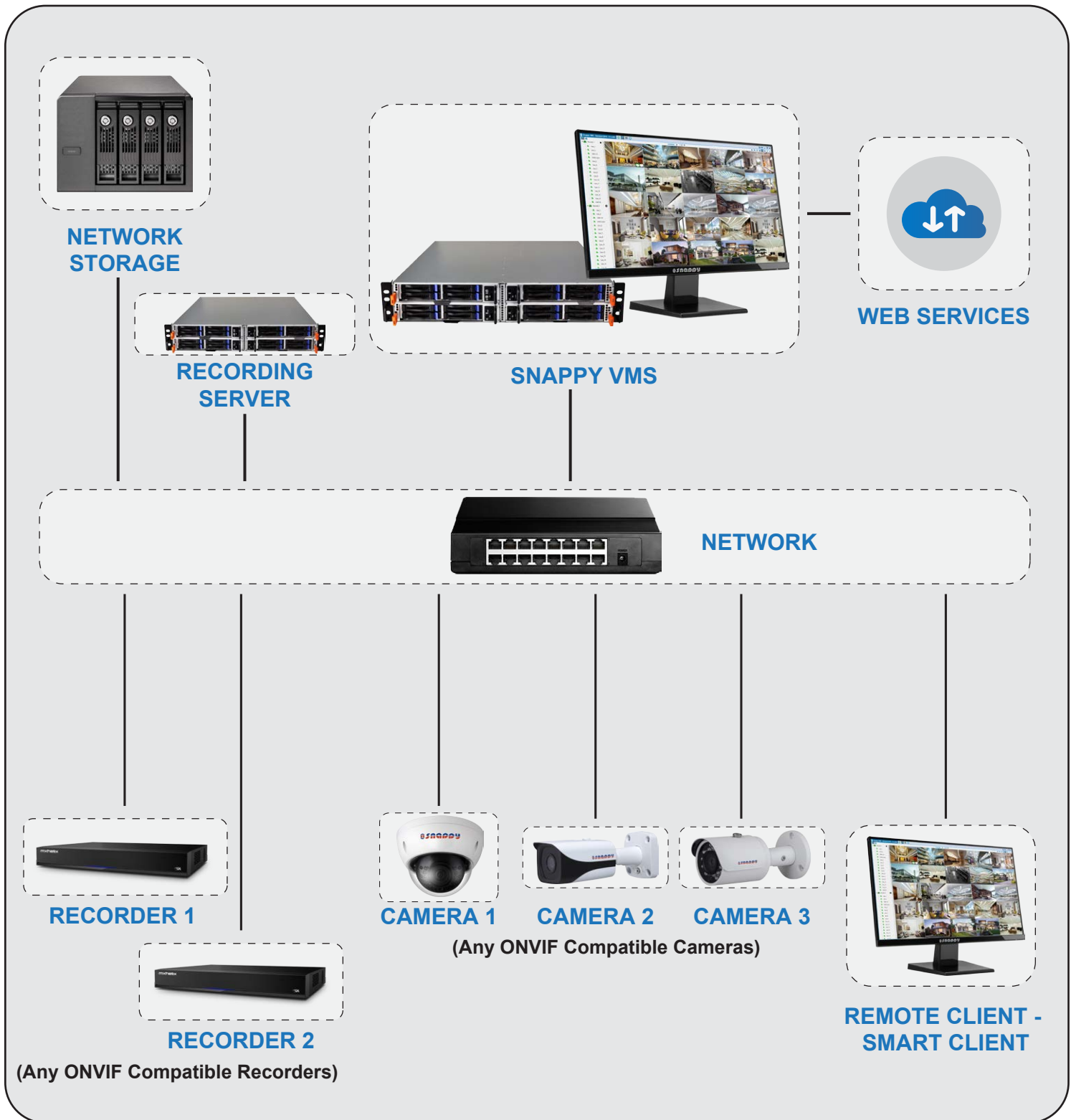
Snappy VMS represents a new breed of video surveillance components, offering customers what they need to deploy any of a multitude of smart applications over a wide expanse of industries.

Snappy VMS enhances user benefits, and delivers extensive benefits across a wide range of vertical markets.

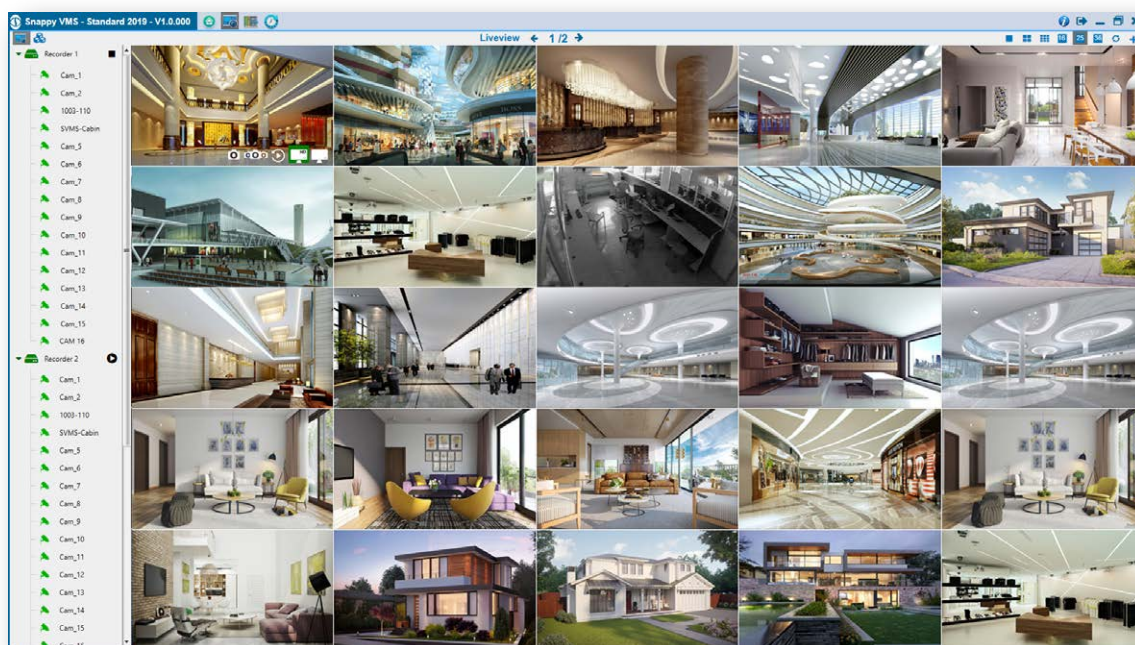
Snappy VMS takes the latest AI technologies to the next step, leading the security industry as well as technology industries in various applications.



SCHEMATIC DIAGRAM

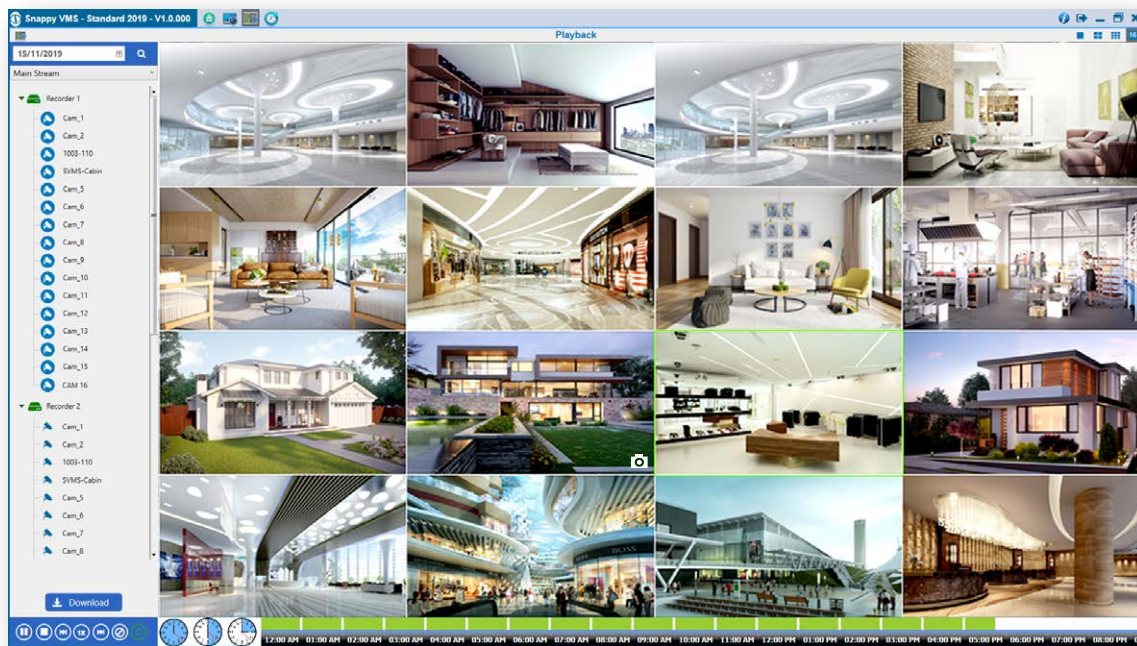


LIVE VIEW



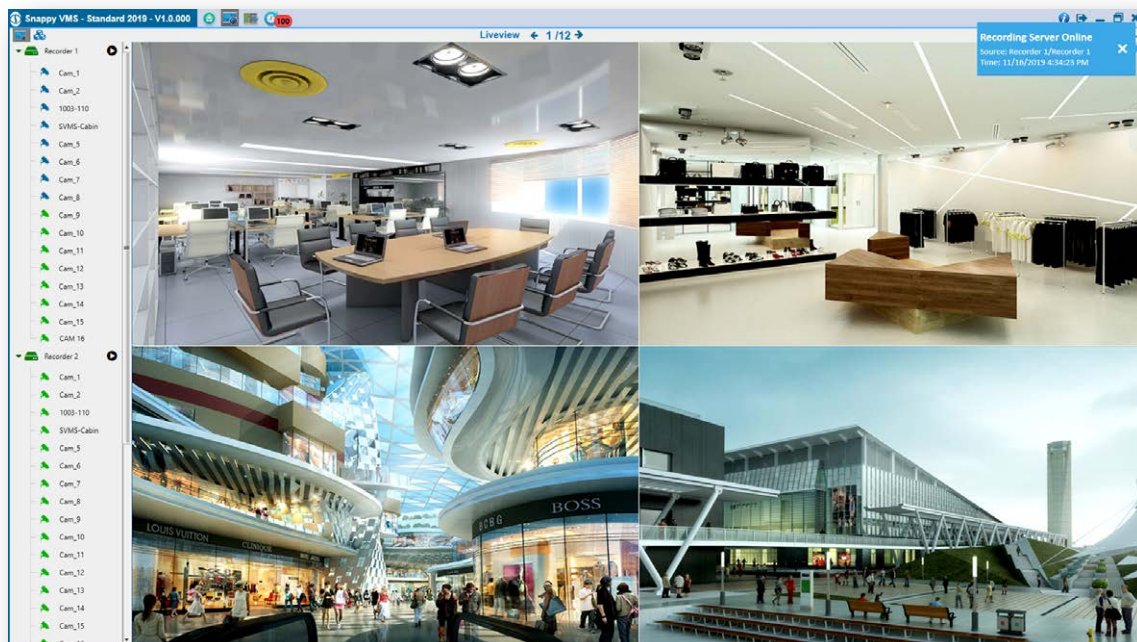
1. Enriched and user -friendly user interface to view video from numerous different recorders from a single point
2. It supports SNAPPY, MXHELIX, HIKVISION, DAHUA, UNIVIEW , ONVIF supported brand NVR's, DVR's & IPC
3. Supports H265 codec format
4. Live view customization(1,4,9,16,25,36)
5. Spot out options for playing Multiple Live view in secondary monitors
6. Indication of Disconnected Recorders & Camera in Live View page itself
7. Drag & Drop play of Recorders & Cameras
8. Alert popup to quickly display the most recent triggered event
9. Snapshot & Triple Snapshot of the live incidents
10. Full Screen Mode
11. Instant playback mode
12. Easy switching between Mainstream & Sub stream while video is playing
13. Camera Swapping by drag & Drop options
14. Toggle – Switch between 1,4,9,16 views based on the user settings
15. Auto switch to mainstream when switched to single view helps to maintain a high quality resolution in single view.
16. Previous / Next View options for the connected cameras
17. Role based user privileges
18. Advanced Camera configuration

PLAYBACK



1. Plays the recorded video of any supported recorder at single time
2. Playback customization (1,4,9,16)
3. Fully supported playback operations (Pause, Resume, Fast, Slow play)
4. Synchronized playback operations for playing videos
5. Snapshot of recorded Videos
6. Download of supported recorder's recorded files in simple click

EVENT & ALARM MANAGEMENT

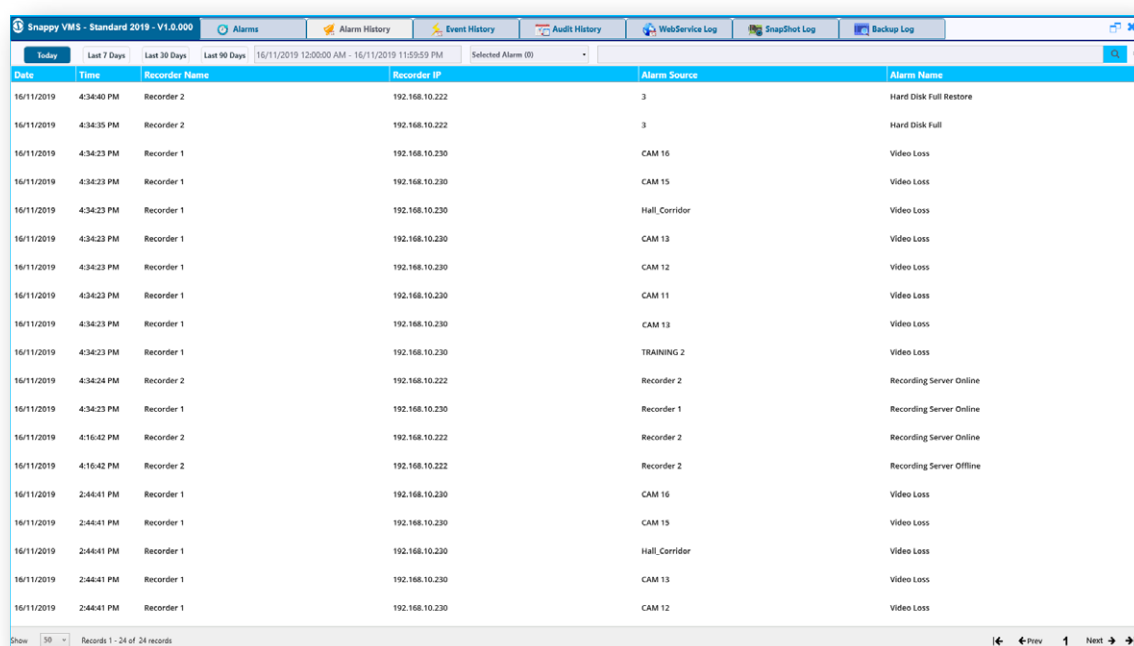


EVENT & ALARM MANAGEMENT

1. Support to various recorder alarm types like
 - a. Recorder Online / Offline
 - b. Motion Detection
 - c. Video Loss / Reconnect
 - d. HDD Full / Restore
 - e. HDD Error / Restore
 - f. Tamper Alarm / Restore etc were supported
2. Can configure the alarm to be shown as Alarm or Event
3. Can Configure whether to Show notification POPUP when alarm arises which makes more awareness to the user

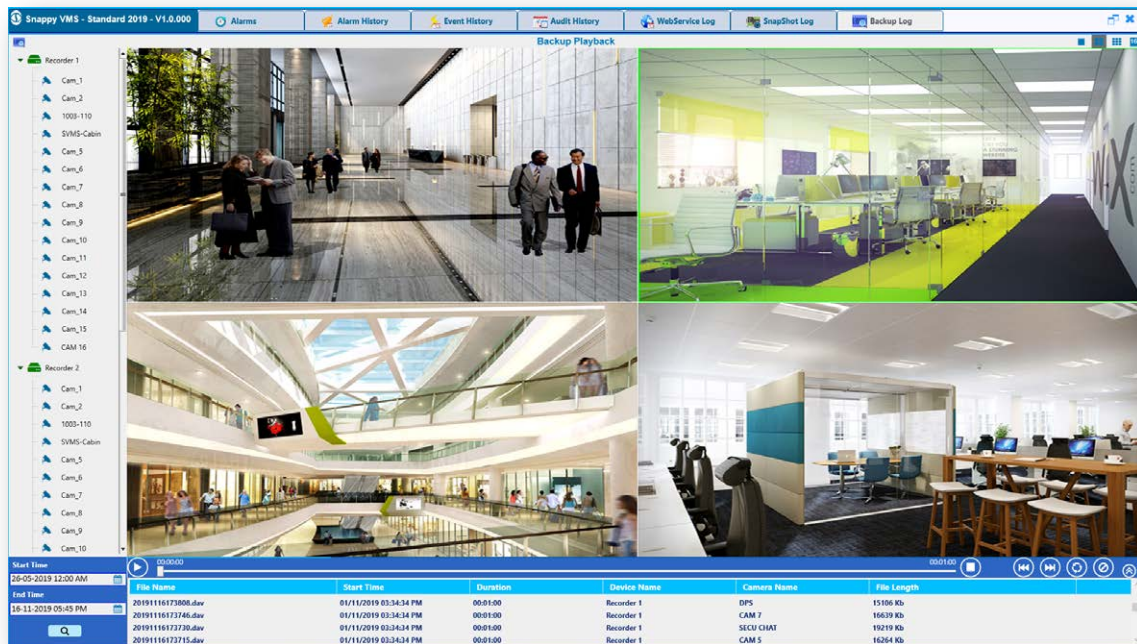
ALARM & HISTORY

1. Live alarm update from recorders
2. Can see all History of Alarm & Events with simple & Advanced search options
3. Alert notifications through SMS & Email
4. Effective Audit log maintenance to keep track of the setting changes done in the application
5. Web service Log to keep track of alarms sent to the connected web service



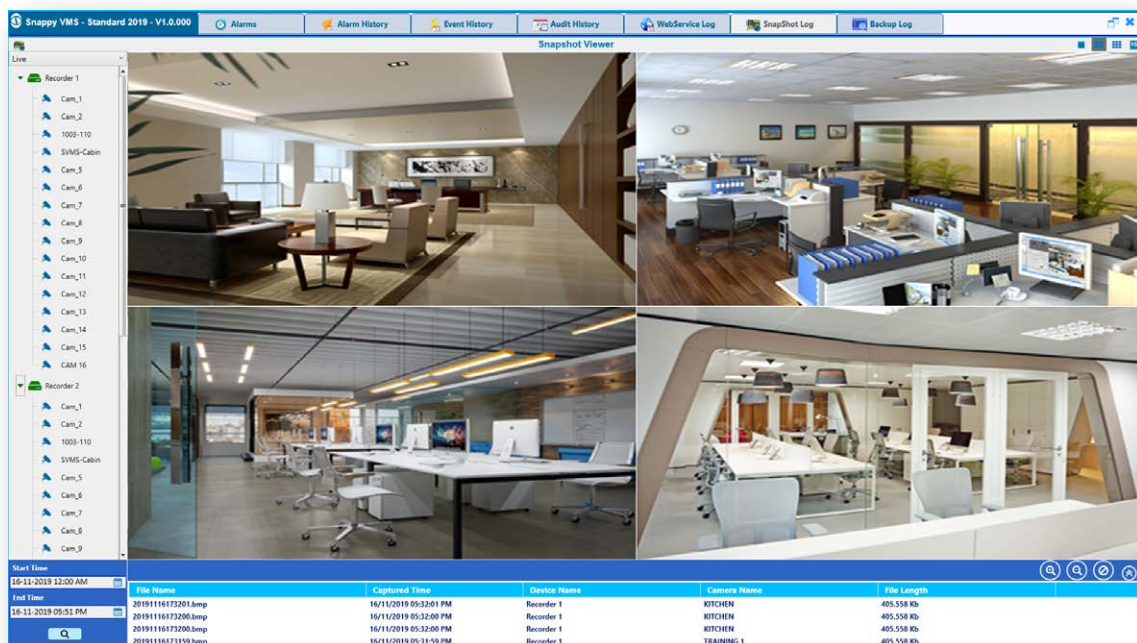
Date	Time	Recorder Name	Recorder IP	Alarm Source	Alarm Name
16/11/2019	4:34:40 PM	Recorder 2	192.168.10.222	3	Hard Disk Full Restore
16/11/2019	4:34:35 PM	Recorder 2	192.168.10.222	3	Hard Disk Full
16/11/2019	4:34:23 PM	Recorder 1	192.168.10.230	CAM 16	Video Loss
16/11/2019	4:34:23 PM	Recorder 1	192.168.10.230	CAM 15	Video Loss
16/11/2019	4:34:23 PM	Recorder 1	192.168.10.230	Hall_Corridor	Video Loss
16/11/2019	4:34:23 PM	Recorder 1	192.168.10.230	CAM 13	Video Loss
16/11/2019	4:34:23 PM	Recorder 1	192.168.10.230	CAM 12	Video Loss
16/11/2019	4:34:23 PM	Recorder 1	192.168.10.230	CAM 11	Video Loss
16/11/2019	4:34:23 PM	Recorder 1	192.168.10.230	CAM 13	Video Loss
16/11/2019	4:34:23 PM	Recorder 1	192.168.10.230	TRAINING 2	Video Loss
16/11/2019	4:34:24 PM	Recorder 2	192.168.10.222	Recorder 2	Recording Server Online
16/11/2019	4:34:23 PM	Recorder 1	192.168.10.230	Recorder 1	Recording Server Online
16/11/2019	4:16:42 PM	Recorder 2	192.168.10.222	Recorder 2	Recording Server Online
16/11/2019	4:16:42 PM	Recorder 2	192.168.10.222	Recorder 2	Recording Server Offline
16/11/2019	2:44:41 PM	Recorder 1	192.168.10.230	CAM 16	Video Loss
16/11/2019	2:44:41 PM	Recorder 1	192.168.10.230	CAM 15	Video Loss
16/11/2019	2:44:41 PM	Recorder 1	192.168.10.230	Hall_Corridor	Video Loss
16/11/2019	2:44:41 PM	Recorder 1	192.168.10.230	CAM 13	Video Loss
16/11/2019	2:44:41 PM	Recorder 1	192.168.10.230	CAM 12	Video Loss

BACKUP LOG



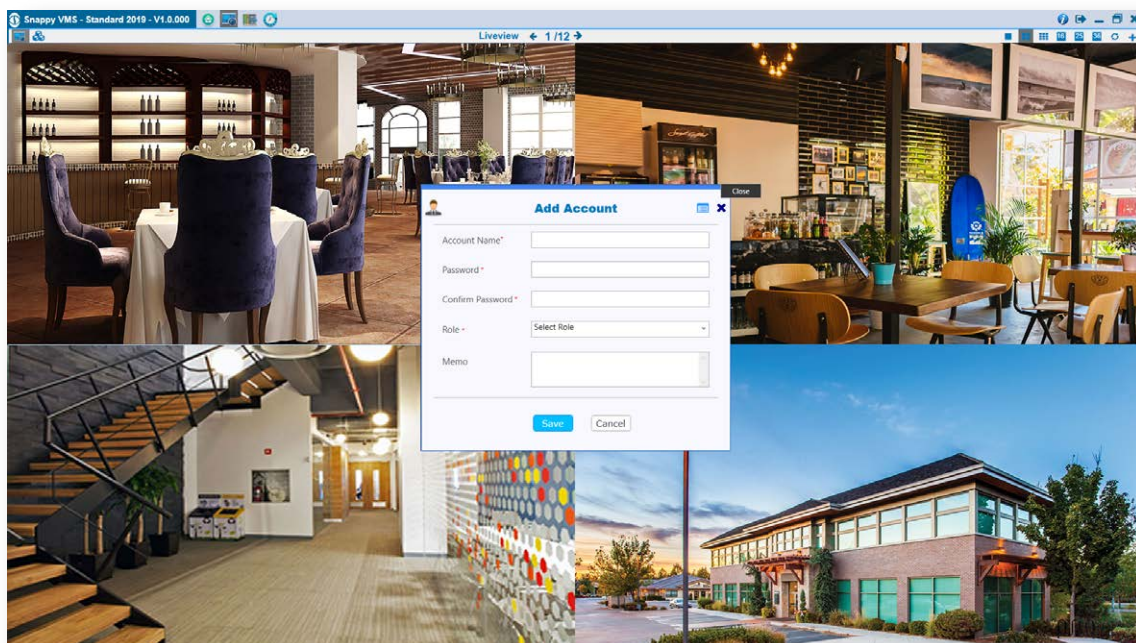
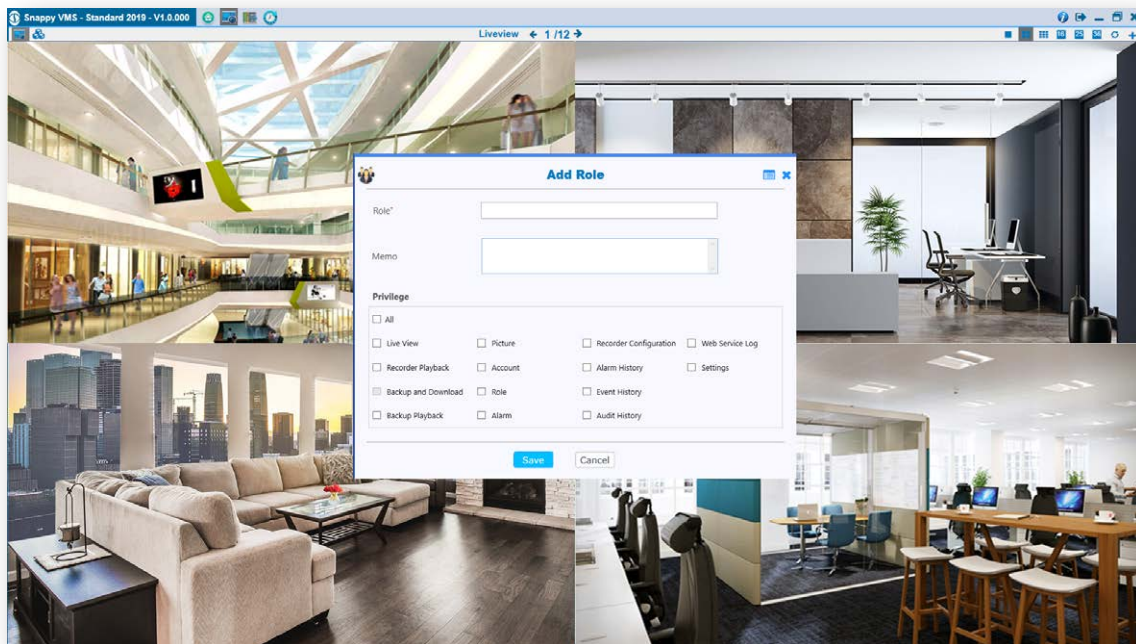
1. Can see all the downloaded records from the application in single place
2. Can take snapshot of playing videos

SNAPSHOT LOG



1. Can see the snapshot taken using the application in single place
2. Live, Recorder playback, Backup Log wise search

APPLICATION USER MANAGEMENT



1. Effective user management with Add, Edit, Delete operations
2. Manage User Role with Privileges

NTP SETTINGS

Settings

Client Viewer

NTP Settings

Alarms / Events

Auto Login / Auto Start

NTP Settings

NTP ☐ VMS Server ☒ NTP Server

NTP Server Name

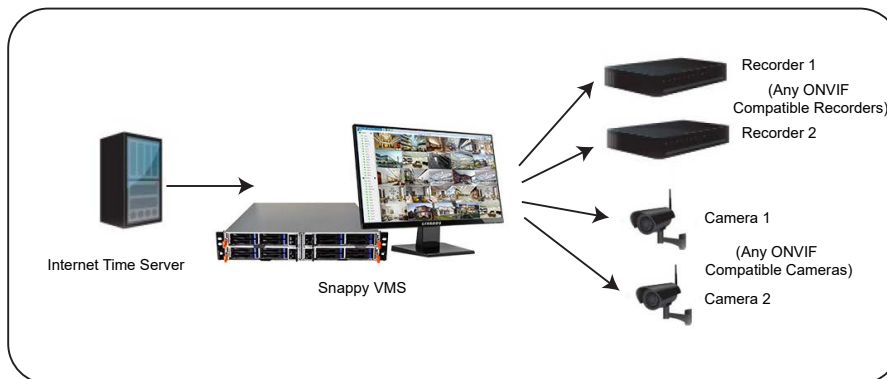
NTP Port (1-65535)

NTP Time Zone

NTP Update Time Mins (1-1500)

Save **Cancel**

1. NTP Settings for the time to be synchronized in all the Recorders & VMS
2. One can choose the time can be synchronized with centralized NTP server or the VMS system
3. The NTP settings will be applied to all the recorders to Sync with the configured NTP Server



AUTO LOGIN & AUTO START

Settings

Client Viewer

NTP Settings

Alarms / Events

Auto Login / Auto Start

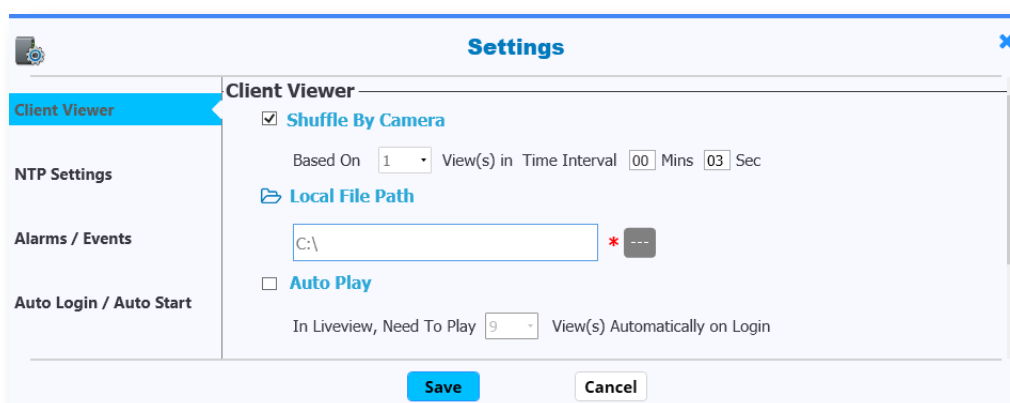
Auto Login And Auto Start

Application Name	Auto Start	Auto Login	Account
Snappy VMS Alarm Sender	☒	☒	admin
Snappy VMS Alarm Receiver	☒	☒	admin

Save **Cancel**

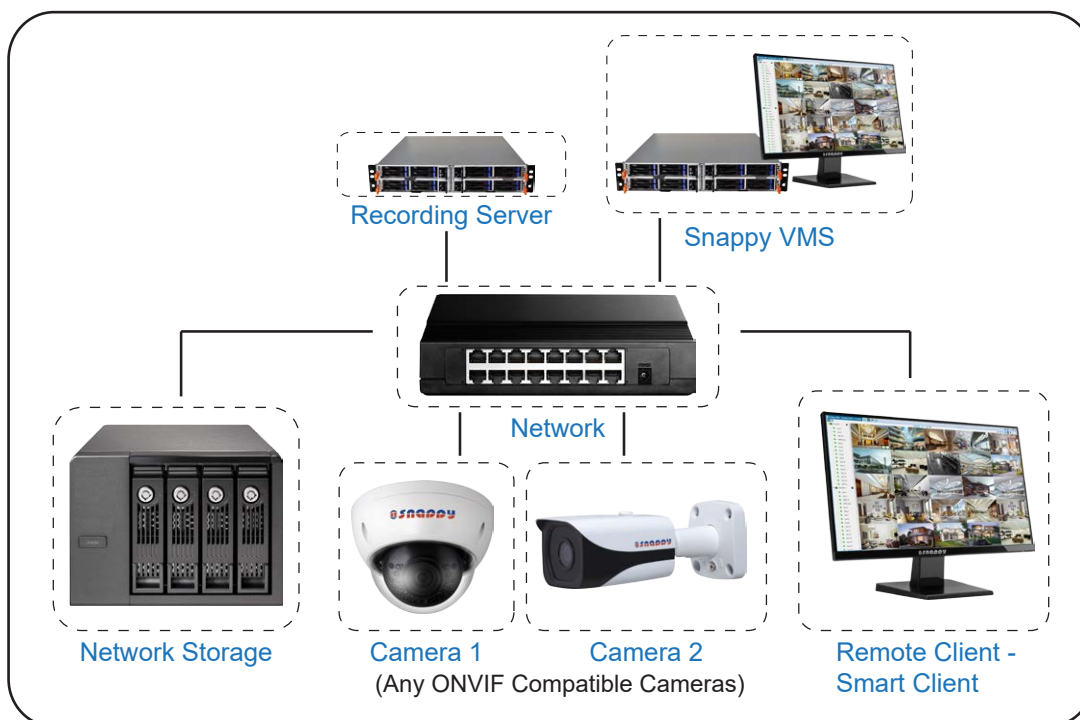
1. Auto Start of applications during the PC start
2. Automatically Login & starts application based on the settings configured which makes the application starts to run without waiting for authentication from user using UI

CLIENT VIEWER



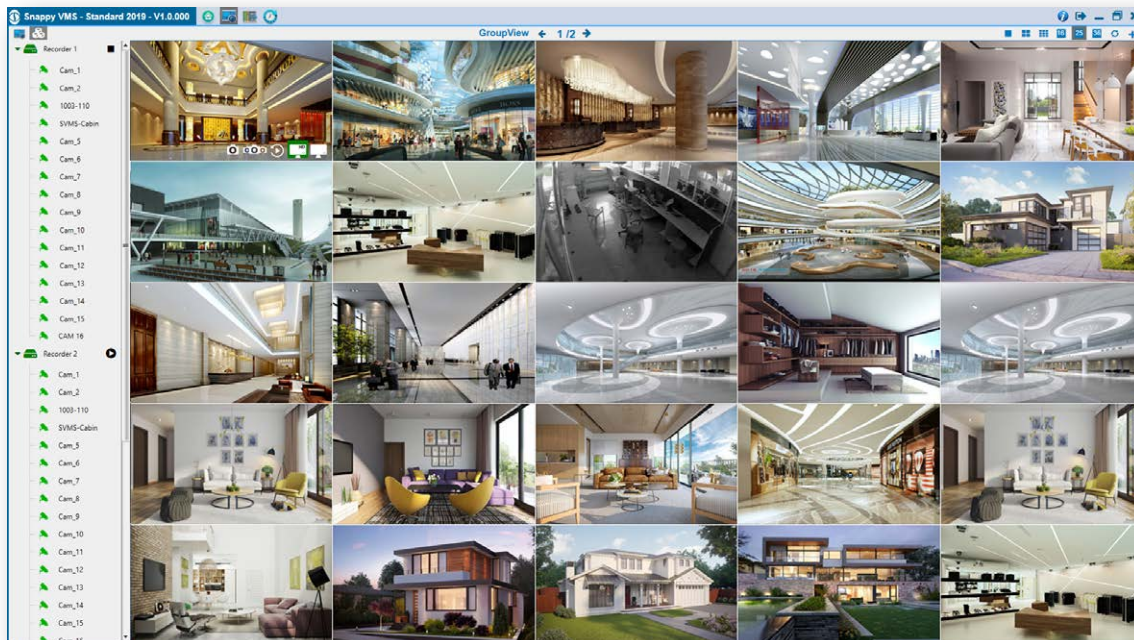
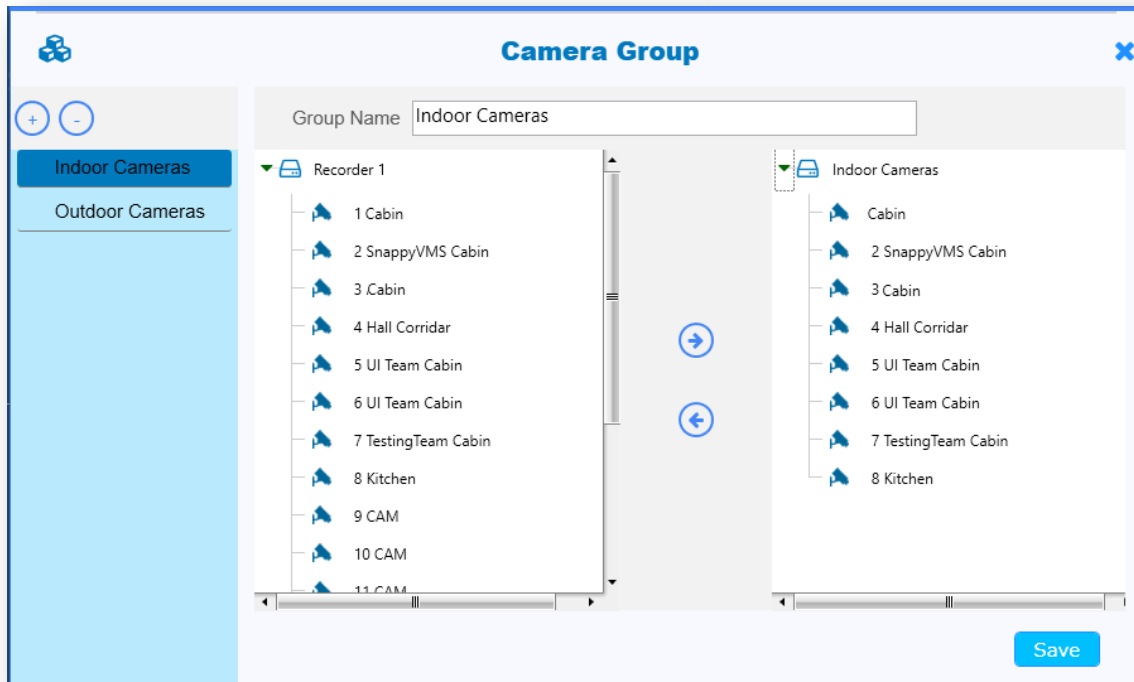
1. Can Enable or Disable the toggle by camera with configurable time interval for toggling
2. Configurable Snapshot path
3. Auto play the videos on login without wait for the user to choose the camera & recorders based on the configured settings

RECORDING SERVER



1. Record video, audio and alarm from devices.
2. Provide operators with access to live and recorded video.
3. Recording Server is designed for large-scale video surveillance deployments.
4. Alert status monitoring through Operator client.
5. Supports recording of H264, H265, MJPEG and MJPEG-4 streams.
6. Recording mode include scheduled and continuous Recordings.

CAMERA GROUPING



1. Group the selected cameras from selected recorders
2. See the Selected camera from different camera in Group View
3. All Live View features are also available in Group View