

## VMS NX Witness - features

### General:

1. Made in California, USA.
2. Support Hebrew language.
3. Open SDK interface.
4. Support in ONVIF, and RTSP protocols.
5. Up to 128 cameras to one recording server.
6. "Global" system architecture – no one-point failure.
7. NVR licenses and workstation licenses are free of charge.
8. App for cell phones iPhone/android.
9. Licenses can be moved between recording system
10. Support in Ldap/Active Directory
11. Adaptive Scaling-optimizing speed while minimizing Cpu and network Usage.



### System Management

12. Audit Trail mechanize, allow tracking after process in the system like: login, logout, view, recording and playback
13. Event log – the capability to search events in the system, camera events, and alarms according to time.
14. User management – unlimited amount of users, permissions, and rules pre-existing.
15. Monitoring health servers, through one main window.
16. Option to record a screen and all its actions on it for support and education.
17. Cloud Connect-connect to your systems from anywhere, anytime.

### Viewing ability:

18. Building personal grids for each user not depend on a layout, or flexible viewer interface.
19. View up to 64 video streams on a single layout.
20. Support in video wall multi-monitor.
21. Automatically enhance the quality of the picture.
22. Advance Fisheye camera views 90° / 180° / 360° including saving preset for each camera.
23. Layout, including digital zoom on any part of the layout.
24. Webcam Support-usb webcams and laptop cameras can be viewed and recorded.
25. Layout for any camera in the view and create a zoom window for any camera in the view.
26. System buttons are personally configured, it can be possible to configure each icon on the video display for quick use.
27. Creating personalize viewing tour that includes all the viewing layout that has been defined also maps and pictures
28. Sequence of layouts
29. Advanced PTZ control using quick point-and-click or  
Outline-to-zoom user interface controls.

### recording, exporting, and searching abilities:

30. Quality or stream FPS of each camera by high or low.
31. Support in assorted recording methods:
  - Permanent recording 24/7

- Recording in high quality when there is movement and in low quality when there isn't any movement.
  - VND – record by movement
  - Record by events.
  - Archive integrity check-getting notification when reviewing Video when the original archive has been modified.
32. Smart event search by movement, location, time, or thumbnail
33. Custom Watermark over video-adding names to live, recorded, and exported video to prevent leaked video.
34. Storage analytics-analyze with the prediction of the amount of data being captured by cameras on every storage location in the system to manage storage.
35. Support in multi options for exporting a video:
- \* Single camera
  - \* Several cameras at the same time \* Rapid review, time cooperation.
  - \* Player is built into the program.
  - \* Easy Bookmark export directly from the timeline.

#### Event and Alarms:

29. Movement detection is not dependent on the type of the camera – analysis is in the program.
30. Alarm is from the sensors of the cameras, cameras disconnections, analytics detection in supported cameras

31. In every alarm or notification there is an option for configuration of mandatory confirmation from the operator and adding a bookmark, no confirmation alarm until confirmed.
32. Use In-camera Analytics of **rhodium diamond** cameras to create rules in the event rules engine. Rhodium analytics metadata is supported, rule and object full information on GUI is viewed on the video Analytics. alarms will be triggered and an advanced object search in the notification panel is available.
33. System problems: HD problem/ server problems
34. As a result of an event a large range of actions can be taken: like
  - Popup of sound and picture
  - Creating a bookmark
  - Recording
  - Sending mail
  - Sending the camera to a preset

#### Backup system:

35. Online backup of recording to storage servers automatically or manually
36. Backup configurations in case the server crashed
37. Automatically transfer of the camera between the servers in case the one of them crashes for continuity.