

Surveon Avatar Failover Ensures Bank 24/7 Recording and No Video Loss with Dual Copies

Bank is the place not only giving customers promising futures but also preventing potential risks whenever transaction is under-going. Therefore, bank surveillance requires the security solutions which can provide sufficient reliability for long-term operation and data protection. One of the banks in Bangladesh has adopted Surveon end-to-end solutions. With Surveon Avatar Failover, which supports the system to continuously record through collaborative NVRs, the bank can easily secure the assets of its clients and ensure the safety for all people in every aspect.

Customer

Navana InterLinks is the major partner of Surveon in Bangladesh, aims to provide security and safety solutions to their customers. As one of companies in Navana Group, the largest private sector groups in Bangladesh, Navana InterLinks had successfully completed many large projects in Bank sector, corporate sector, Real estate & IT sectors and so on, and Surveon played an important role in many surveillance applications, including this bank project.

Challenges

24/7 Continuous Recording

To prevent any dispute between bank and customers, the bank required the solution provides sufficient reliability for 24/7 recording, once the conflicts happened, the evidences like videos can assist the investigation.

No Video Loss with Dual Copies

To avoid any confidential video loss, the bank needed dual copies of recording videos for all time, even if one of NVRs fails.

Reliable Operation Even if Hard Disks Fail

Any parts fail will make the system to stop recording, especially hard disks. The bank asked the system to well operate even if hard disks fail.

Solutions

Avatar Failover Solution

The bank has adopted Surveon Avatar Failover, the solution is composed by 2 sets of NVR7316A1 + JBOD, each NVR7316A1 is with 12 recording licenses and 12 failover licenses. When disaster happened, the failover NVR can not only take over the recording work of protected NVR but also clone the original settings of it, making itself become an avatar of protected NVR, preventing the recording stop.

Simultaneously Record to 2 NVRs

Surveon provides total 14 CAM4471HEV, including two spare cameras and 12 cameras for recording, its videos will be saved in 2 NVR7316A1 simultaneously, providing dual video copies for the bank, ensuring 0% loss with valuable data.



Summary

Customer:

One of the banks in Bangladesh

Project Needs:

- 24/7 Continuous Recording
- No Video Loss with Dual Copies
- Reliable Operation Even if Hard Disks Fail

Surveon Solutions:

Complete solutions with the following:

- Surveon Avatar Failover Solution
- Simultaneously Record to 2 Sets of NVR7316A1 + JBOD
- RAID + Spare Drive Protection
- CAM4471HEV Outdoor Dome Network Camera
- Enterprise VMS

Surveon Solution Benefits:

- Recording for 24/7 without Any Videos Loss
- Saving Budget with No Spare NVR Needed
- High Flexibility System for Any Requirements
- Hassle-free Integration

Spare Drive Protection

Surveon RAID + Spare volume gives the bank a hot-spare that is ready to synchronize data immediately should a hard disk fail. If a hard disk fails, the data will start to synchronize with the spare, giving the bank enough time to replace the failed hard disk after being notified. NVR7300 Series provides different protection levels with RAID1, 5, 6, 1+Spare, 5+Spare, 6+Spare options, and the bank choose to backup its valuable videos with RAID6+Spare mode whether in normal or failover recording.

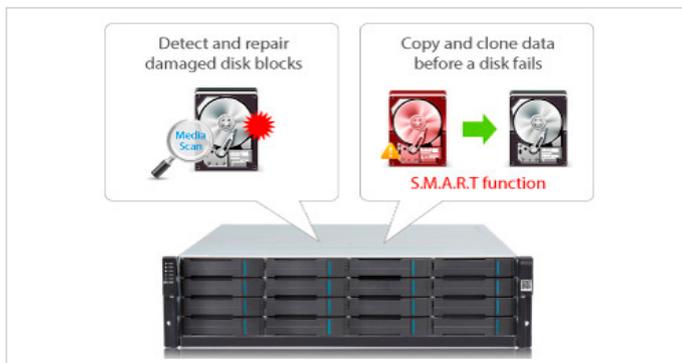


Figure 1: Spare Drive Protection

Benefits

Recording for 24/7 without Any Videos Loss

Surveon unique Avatar Failover and cameras simultaneously record to 2 NVRs technology realize non-stop recording for 24/7. With dual copies, the bank has no worries about loss any confidential data, helping the bank to secure the assets of its clients and ensure the safety for all people in every aspect.

Saving Budget with No Spare NVR Needed

In traditional N+M failover mechanisms, users need to prepare an extra NVR dedicating for failover purpose. Surveon Avatar Failover supports mutual failover among NVRs, all NVRs in the system could perform recording and serve as failover NVR for each other, allowing the bank to save the budget of buying the spare NVR.

High Flexibility System for Any Requirements

To save the storage, Surveon designs a system which allows to record every moment during day time, but only record by motion during night time. Besides, without complicated login process, the security staff is able to see every camera's live view through NVR1 or NVR2, helping the bank to realize the easiest remote monitoring.

Hassle-free Integration

The complicated integration and verification tasks usually consume many invisible resources for SI. Therefore, Surveon offers end-to-end network video surveillance solutions, including IP camera, RAID NVR, JBOD and Enterprise VMS, not only speed up project planning for Navana InterLinks but also meet the need for immediate and full service support.

"From camera, NVR, JBOD to VMS, Surveon total solutions always support Navana to win clients' heart. The unique Avatar

Failover keeps bank's confidential videos and data in safe, making our customer very satisfied with the result." said Monir, the representative of Navana InterLinks.

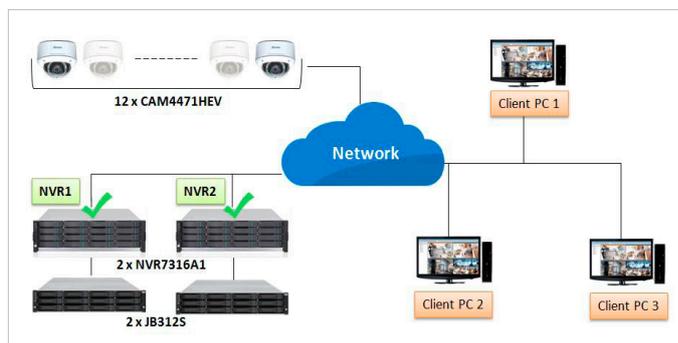


Figure 2: Normal Recording – Video Records to Both NVR1 & NVR2

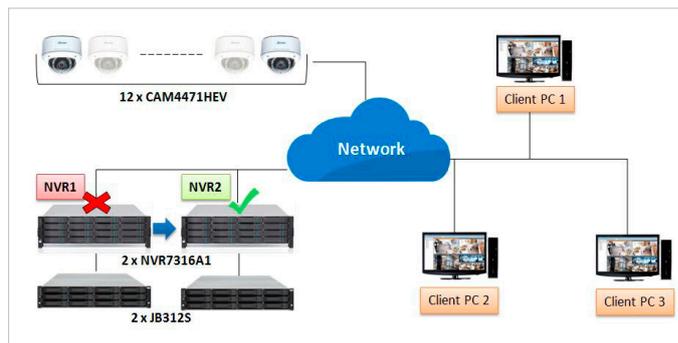


Figure 3: Failover Activated (If NVR1 down) – Video Records to Both NVR2 & NVR2's JBOD

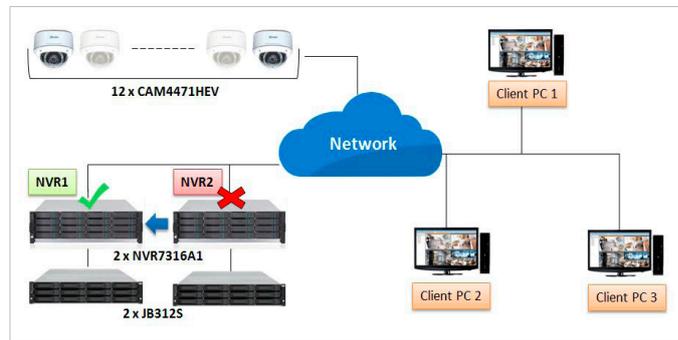


Figure 4: Failover Activated (If NVR2 down) – Video Records to Both NVR1 & NVR1's JBOD

About Navana InterLinks

Navana InterLinks is one of companies in Navana Group, the largest private sector groups in Bangladesh, incorporated in 1998 with its core business centered on general trading. Navana InterLinks provides solutions of design, supply, installation, testing and commissioning of X-ray security screening equipment (Baggage Scanner), Fire detection & protection system, CCTV system, Access control system, Intruder alarm system and many more.

About Surveon Technology

Surveon offers E2E network video surveillance solutions that showcase our expertise in professional camera design, RAID NVR, high-availability video storage, embedded firmware and video management software. All Surveon products are designed in-house and manufactured on ISO 9001 and ISO 14001 certified production site to ensure the highest quality for our partners. Please visit: www.surveon.com