



Case: Skyscraper

- 1000+ IP cameras
- Recording rate: 1920 x 1080 @ 15fps
- CMS management



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System Solution



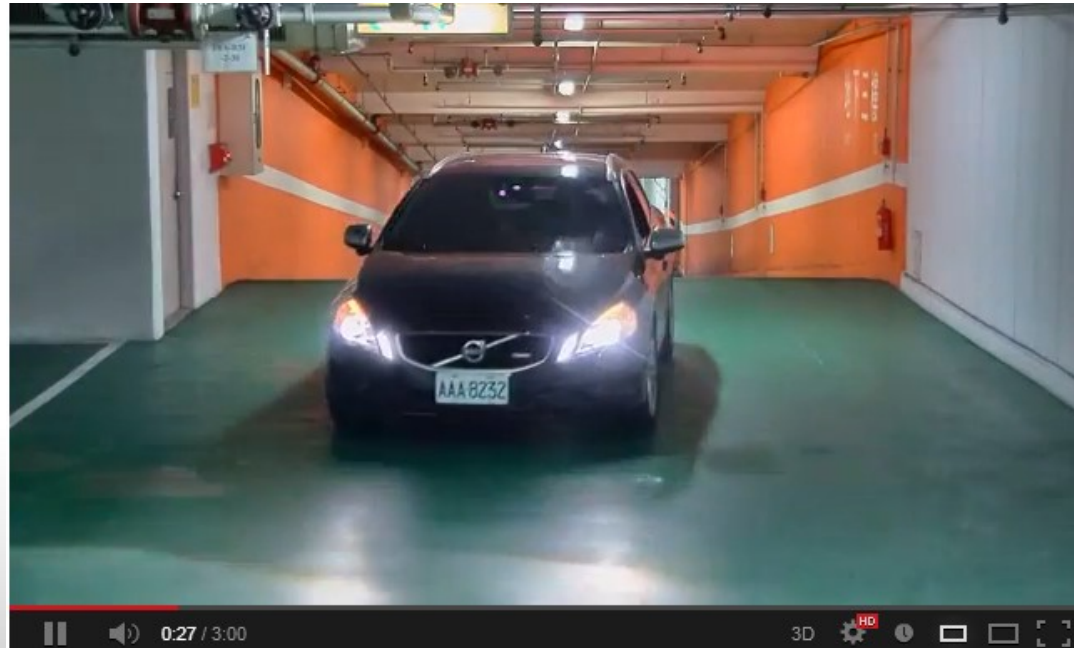


WDR performance

- 120dB wide dynamic range performance
- Customer requires clear license plate recognition between strong car lamps



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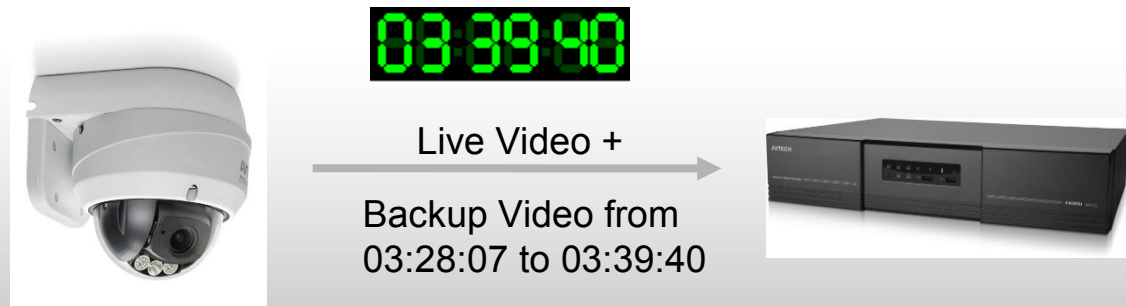
<http://www.youtube.com/watch?v=anz8YbncyBs>

Seamless Recording

- When the network disconnects, IP camera will keep recording in the microSD card



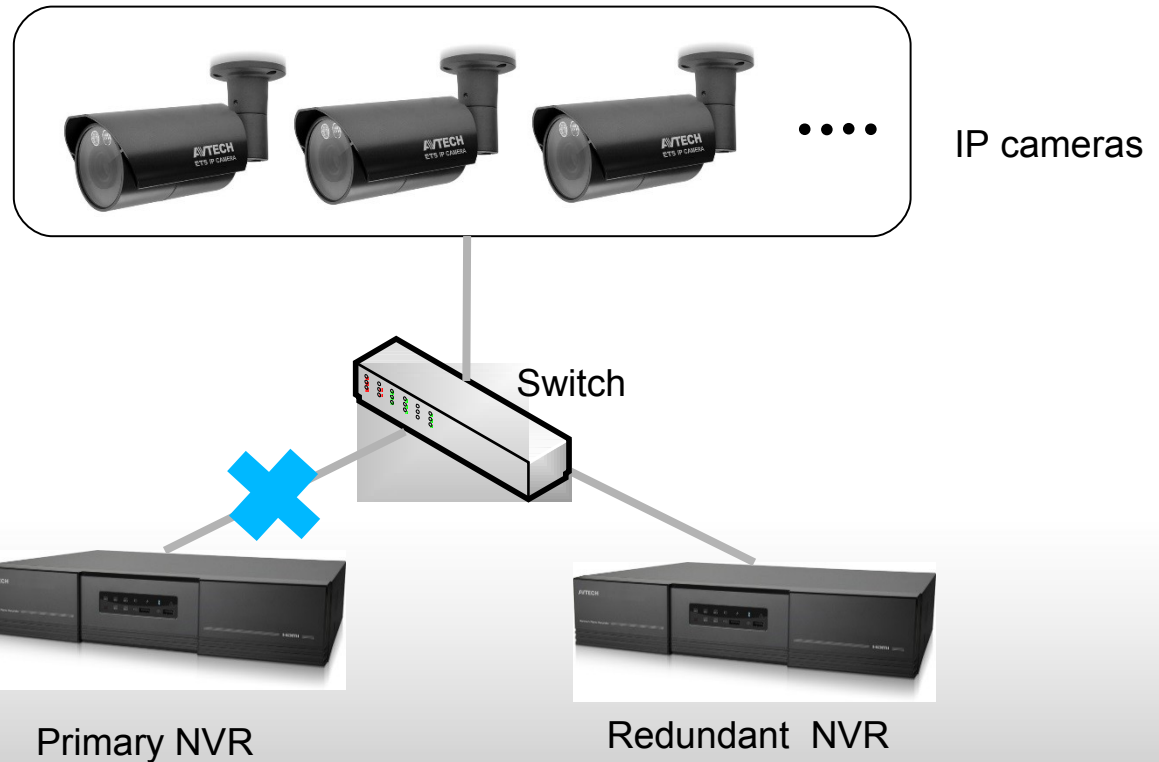
- When the network connection is back, NVR will request the missing video from IP camera.





Failover Solution

- When the primary NVR disconnects, redundant NVR will start to record to ensure 24/7 recording.



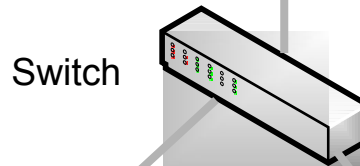
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Multicast solution

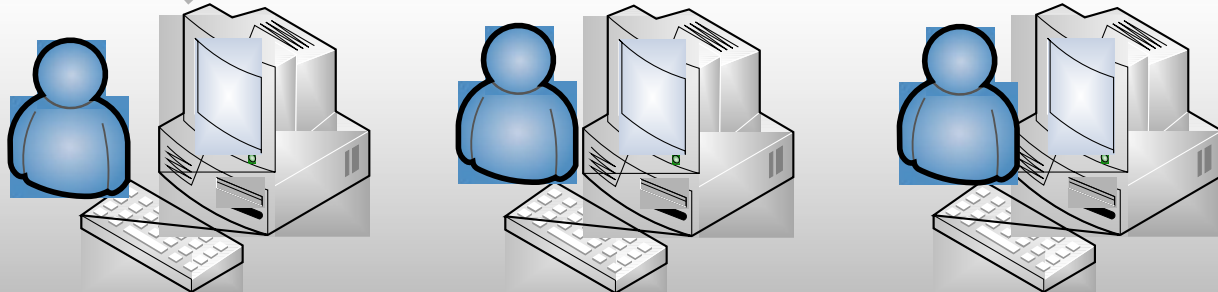


NVR with multicast server enabled

- When there are many control centers, use multicast solution to ensure same video quality from NVR, avoiding network limit by multiple accesses.



Switch



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