Application Note

Product: SATATYA HVR (Hybrid Video Recorder for Analog + IP Solution)
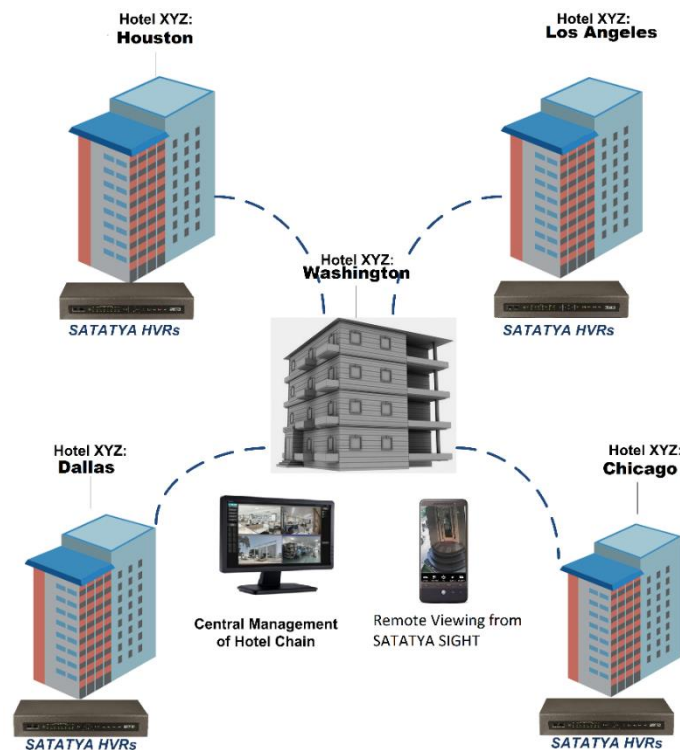
Feature: Immaculate solution for Multi-floor/ Multi-location Hotel Industry

Current Scenario: XYZ chain of hotels has multiple hotels across the United States with video surveillance at each hotel. The owner utilizes a significant amount of time in managing the recorded video and in finding the wrongdoer of any unexpected event. Also, occurrences of the recorded data being lost, areas of higher importance not covered by cameras or having poor video quality has the owner worried about the security, productivity and discipline of all the hotel branches.

Requirements of the Hotel Chain Management:

1. Centralized monitoring of all the hotels from its Washington Hotel
2. Efficient utilization of the storage space
3. Centralized backup to safeguard recorded videos
4. Local Monitoring at security cabin of all the important areas like reception, lobby, swimming pool from different recording devices
5. Audio of reception area should be recorded
6. Alerts to be sent with evidence to prevent mishaps in the hotel premises
7. Remote monitoring and playback should be done by owner/branch managers from their smartphones

Application Diagram:

1. Centralized Management Software (CMS) is installed at the Washington Hotel which helps the management in managing the multiple hotels centrally.
2. IP Cameras having more clarity of the video is installed at reception and the main entrance, whereas analog cameras are installed at all other places for bandwidth optimization and cost effective solution.
3. Camera-wise recording retention of all the cameras is done as per the priority. Data of higher priority areas like reception, parking lot, etc. is retained for higher number of days. This storage based on the importance of cameras helps in utilization of the available storage space effectively.
4. Data backup of all the hotel chains is scheduled over NAS. Due to the high flexibility, accessibility and storage that NAS offers, the owner is now at peace as far as management of stored data is concerned.
5. Cascading of multiple SATATYA HVRs is done over multiple floors throughout all the XYZ hotels in America. Up to 120 cameras from different recording devices are being managed locally by the security personnel to view all the important areas in the chain of hotels.
6. Audio inputs like a microphone or camera with microphone is installed in the reception area.
7. SMS and Snapshot with Email notifications are sent to the owner and the security agency so that in the event of a mishap, pictorial evidence is available to them.
8. SATATYA SIGHT, a mobile application for android and apple devices is used by the owner to monitor and playback all locations as the app allows addition of 50 devices.

Benefits of Integration:

- Increased productivity and discipline of the hotel staff
- Enhanced security of the guests, staff and property
- High sense of satisfaction amongst guests
- Peace of mind to the owner during vacations
- Cost effective solution with a combination of analog and IP cameras

Release	
Product Name	SATATYA HVR Premium
Software Version	SATATYA HVR

Due to continuous technology upgradation, product specifications and features are subject to change without notice. Matrix Proprietary and Confidential.