

# SATATYA FEATURE UPDATE

## Feature:

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### Camera-wise Recording Retention

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**Why:** Any organization has many cameras installed in their premises covering areas like conference room, canteen, warehouse, front gate etc. In a generic video surveillance solution, data of all cameras is stored for the same number of days, depending upon the total available storage space. For example, an IP Camera utilizes 22GB of storage space if it is working continuously for 24 hours at 2Mbps. Extending this scenario for multiple cameras will exponentially increase the storage space required and in turn the storage cost. Consequently, there is a need of optimizing the use of storage space to reduce the storage cost, which affects the overall cost of the Video Surveillance solution.

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Before Camera-wise Recording Retention				
Number of Cameras	Storage Days	Bitrate	Required Storage Space	Approximate Storage Cost
50	90	2Mbps	50 Cameras X 22GB X 90 days  = 100TB	3,50,000 INR

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**Feature Description:** Camera-wise Recording Retention allows a user to prioritize all the cameras as per their importance. Storage days can be lower for low priority cameras and higher for high priority cameras. For example, data of the camera covering canteen area will not be as critical as the data of the camera covering the server room. Hence, the canteen camera can have less storage days in

comparison to the camera in the server room. This feature provides complete flexibility to the user to select the required number of storage days for each camera.

After Camera-wise Recording Retention					
Number of Cameras	Storage Days	Bitrate	Storage Space Required	Approximate Storage Cost	Cost Saving
50	High Priority Cameras - 90 Low Priority Cameras - 30	2Mbps	30 Cams X 22 X 90 days + 20 Cams X 22 X 30 days  = 70TB	2,45,000 INR.	30%

**Benefits:**

- Camera-wise Recording Retention optimizes your local storage space and saves up to 30% on storage cost.
- It also provides more number of storage days for high priority cameras.

**CAMERA-WISE RECORDING FLEXIBILITY**  
Save up to 30% on Storage Costs

**Customer Requirement**

<b>HIGH PRIORITY</b>	<b>LOW PRIORITY</b>
30 Days	15 Days

Per Camera Consumption = 21.1GB per day

**Application:** Camera-wise Recording Retention can be extensively used in multi-location organisations and at locations having cameras with variable importance.

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**Version:** Matrix SATATYA NVR V1R1  
Matrix SATATYA SAMAS V1R1

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**Product:** SATATYA NVR  
SATATYA SAMAS