

CCTV Network based Crowd Management, Crime Prevention System using AI/ML

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Abstract: *In today's world the rise in security concerns and criminal activity has prompted the widespread adoption of closed-circuit television (CCTV) as a vital component in security measures. This monitoring system is now utilized in various sectors to aid in the prevention and detection of potential threats. However due to the exponential cost of employing personnel video surveillance systems are largely employed in a passive manner. The majority of information gathered by these systems is only put to use as evidence after an incident of crime or disaster has transpired. In light of this we are implementing a more proactive approach. Our video surveillance system will actively respond using real-time monitoring and an alert system to prevent and mitigate the impact of crime and accidents before they occur*

Keywords: closed-circuit television