



CCTV Based Surveillance System

The primary use of CCTV systems is the surveillance of commercial and domestic property. The use of CCTV systems has been increased and nowadays they are used to record sports activities, bird watching, monitoring industrial production and monitoring medical procedures.

With CCTV systems, you will be able to monitor all the activities in the area that is under surveillance. This is possible as there are analog/digital cameras that clearly capture the activities. You can therefore monitor your premises from the gate to where you are by looking at a monitor installed in one of the rooms. The systems therefore deter criminals away, making them look for easier targets. This system makes the investigation process accurate. This is facilitated by the fact that there are cameras which take images. When investigations begin, the image recorded by the security system can be used to find the suspect. Since all the actions are recorded, there is strong evidence and justice can be done easily. The cameras will always work making them efficient and reliable. This is unlike having human watchmen who can sometimes take sick days.

**Client Requirement:**

Crystal Plaza is a 7 floor commercial complex from where more than 200 companies operate. This complex has two front & two back gates and fencing from all the sides. This complex has 5 wings with 5 lifts.

With the recent incidences of theft and some ill practices society has decided to go with CCTV Surveillance system with a centralized control room at the society office. Rasilant technologies have been approached for consultancy and implementation of the system.

Solution:

Rasilant technology engineers have done brief site survey of the society building, premises and decided to go with Avtron solution having 95 Indoor Dome Cameras , 30 Bullet Cameras and nine 16 CH DVRs.

With the setup of 16 cameras per floor all the exits, entries, lobbies & critical points are covered. All the bullet cameras are positioned to cover building premises and some outdoor areas. All the DVRs are kept at the non easily accessible points in secured 6U Industrial grade rack. All the DVRs are connected on LAN and all 125 camera feed is accessible at the society office where dedicated server for CCTV system is installed.





With the implementation of the CCTV System many robbery incidences & malpractices are getting captured day by day.