

CASE STUDY



ALLGOVISION'S PERIMETER SECURITY FOR LARGE ENTERPRISES

PROJECT DESCRIPTION

Location: Bangalore, India

End User: TVS

Solution Details:

- **Solution:** AllGoVision Video Analytics
- **System Integrator:** Magnum Security systems
- **VMS:** Milestone
- **Vertical Market:** Smart Buildings, Smart Traffic
- **Features:** People Counting, Intrusion detection, ANPR

The TVS plant Hosur is highly populated with factory workers and vehicles entering and leaving the premises every now and then. Monitoring of the workers in different shifts and securing the enormous perimeter was a challenge that was resolved by AllGoVision's VideoAnalytics.

PROJECT REQUIREMENT

Located in the outskirts of the city, the customer was looking for a solution which would solve multiple issues. They were seeking to protect the factory premises from intruders coming across from the nearby forest. This warranted additional security measures to be put in place by the authorities. In addition to counting the number of people, the management had to come up with pre-emptive measures to increase the efficiency based on the occupancy of individual departments and shifts. Yet another issue that was addressed during the inspection was the daily detection of number plates of more than a thousand vehicles (trucks/cars) at the entry/exit counters to ensure zero unregistered license plates entry.

ALLGOVISION SOLUTION

The real time Video Analytics application plays an important base for the entire solution which facilitates the control room and the monitoring solution. The Solution analyses the behaviour and activities, observing the intrusions, trespassers, etc. during the event from a distance by means of various kinds of CCTV cameras transmitting information to the recording or monitoring equipment. The solution is designed to ensure zero blind spot in the manufacturing premises and at the entry/exit areas. The analytics application takes the video feed from Milestone video management system, analyses it and display alarms in the client. The alarms facilitate authorities to take necessary actions as and when needed.

- INTRUSION DETECTIONS
- PEOPLE COUNTING
- LICENSE PLATE RECOGNITION



BENEFITS

The installed VCA features are helpful to avoid mishaps, raise alerts for events such as intrusion, people counting and number plate recognition. It also helps the authorities for post analysis of the events, if occurred. The solution shall not only guarantee added security but also help the authorities take necessary actions when any event is detected. Also, the number plate recognition was integrated with the in-house software for managing database of loading/unloading vehicles.

Since the TVS plant located in Hosur is one of their largest manufacturing units, these locations are also potential threats for terrorist attacks. Hence they needed highly efficient technology to keep a close watch for eliminating possible attacks or mishaps.

The advanced features of AllGoVision Video Analytics have addressed all the security related issues of authorities and provided security to the entire plant. The authorities have been trained to use AllGoVision web application which is easy to use and monitor.

"The installed software for advanced video analytics features from AllGoVision have been performing really well since its installation."

-TVS Motor Company

ABOUT ALLGOVISION

AllGoVision's Video Analytics solutions have been deployed in surveillance applications ever since 2009. Headquartered in Bangalore with branches in the US and Dubai, AllGoVision is a leading video analytics solution provider with successful installations worldwide. It has dedicated itself into in-depth research and product innovation. AllGoVision video analytics software is equipped with 40 plus basic and advanced Video Analytics features. An open platform integrated with many VMS manufacturers. AllGoVision focuses on providing to its customers – robust performance, cost efficiency, ease of use and customization.