

## Junagadh police improve city vigilance with Axis solutions. Solution provides 24/7 monitoring of critical areas of city, helping detect and deter criminal activities .



Organization:  
Junagadh Police

Location:  
Junagadh, Gujarat, India

Industry segment:  
City surveillance

Application:  
Real-time surveillance  
of critical city areas  
and crime prevention

Axis partner:  
eSec Security  
Consultants (P) Ltd.

### Mission

The Superintendent of Police (SP) of district of Junagadh was looking for a video surveillance solution for the city for two primary reasons – first to keep a watch on terrorist and anti-social activities in the city and secondly to assist the police departments as a proactive tool to detect and deter criminal elements.

### Solution

The first phase of the project was implemented to help monitor all major entry and exit points as well as other critical areas of the city of Junagadh.

The solution consisted of AXIS P1343 and AXIS 215 PTZ-E Network Cameras, chosen for their high quality images and ease of installation. These were installed at eight different locations spread all over the city of Junagadh. The solution also included the implementation of a complete wireless monitoring and storage facility at the Superintendent of Police headquarters in Junagadh.

### Result

The Axis surveillance solution deployed across the city of Junagadh has helped the law enforcement authorities to monitor remote locations, including the city entry/exit points and bypass roads, directly from the Superintendent of Police headquarters.

The solution helps to monitor strategic places such as a dam and places of religious importance which are potential terrorist targets.

Junagadh Police Department's efforts to use state of the art technology integration was recognized by the Director General of Police of State of Gujarat and further fund allocation has been sanctioned to be utilized in further upgrades of this initiative.

"We were looking to execute a surveillance system across Junagadh city to help supplement the police personnel's efforts in monitoring the critical city areas. It was prohibitively costly to use fiber connectivity or connectivity offered by telecom or ISP companies. We did not have the budget to pay recurrent amount year on year for data usage. eSec brought in their own wireless solution along with Axis network cameras. The installation has been able to successfully fulfill our requirements by significantly reducing the need for onsite-patrolling through its remote monitoring benefits."

Dipankar Trivedi, Superintendent of Police, Junagadh.

Located in the Indian state of Gujarat, Junagadh attracts a large number of tourists and pilgrims who visit various historical locations as well as places of religious importance in the city.

While there are more than 2000 police personnel deployed in Junagadh district, the city law enforcement authorities wanted to install a surveillance solution as an additional monitoring tool to assist police teams. The solution was intended to help monitor and keep a track of suspicious vehicular movement at the entry/exit points of the city as well as other critical locations. In the first phase, the team installed a total of 8 cameras, namely six AXIS P1343 Network Cameras and two AXIS 215 PTZ-E Network Cameras mainly chosen for their high image quality and ease of installation.

While the installation posed a number of challenges due to the city's hilly terrain and remote installation locations, the implementation has been successful and has brought about a number of benefits.

### Remote monitoring of city entry/exit points

With the completion of the first phase of installation, the Junagadh police personnel are now able to constantly monitor the traffic flow at all the major entry points of the city and other critical areas of the city. AXIS P1343 Network Cameras are mounted to capture an optimum image of the approaching vehicles and its identification aspects such as vehicle no, type and occupants. The strategic placement of cameras enables the control room operators to zoom in and closely observe suspicious objects and people.

Further, the control room set up at the SP office enables round-the-clock, centralized and remote monitoring of all these locations instead of relying only on conventional methods of patrolling and local intelligence.

### Deterrence of crime

All the cameras are installed outdoors and are intentionally not discreet, thus creating and achieving some level of deterrence as well, in addition to capturing suspicious activity. Therefore, the cameras automatically instill some discipline among the citizens and inhibit criminal activities.

### Scalability

The solution is designed to allow easy scalability in the future, thus complying with Junagadh police's requirement for scaling up the first phase of installation. The department foresees deployment of a minimum of 20-25 cameras in the next two phases. These will cover exit lanes, communally sensitive areas as well as important religious and tourist locations. The department is also looking at integrating other functions of city surveillance such as the possibility of integrating Automatic Number Plate Recognition System (ANPRS) systems and video analytics during upgradation in the future.

