Mahindra & Mahindra secures its manufacturing plants with Axis.

Solution enables remote monitoring and aids manual intelligence.

Organization:
Mahindra & Mahindra

Location:
India

Industry segment:
Industrial

Application:
Safety and security

Axis partner:
NexGen Integrated Systems Pvt Ltd.,
 Milestone Systems

Mission

The Mahindra Group, a US $17.8 billion global federation of companies is one of the largest vehicle manufacturers by production in India and the largest manufacturer of tractors across the world. The Group enjoys a strong presence in the agribusiness, aerospace, components, consulting services, defence, energy, industrial equipment, logistics, real estate, retail, steel, commercial vehicles and two wheeler industries.

An efficient video monitoring system was the need of the hour, for plants as also corporate offices. M&M wanted to secure its locations and also ensure complete transparency in vehicle manufacturing cycle so that the quality was not compromised. The twofold requirements included:

> Indoor IP cameras for quality control purpose which could withstand extreme temperature and other external pressure; and would last at least 6-7 years
> Outdoor PTZ cameras providing solutions for perimeter protection, security and surveillance

Solution

Mahindra Special Services Group (SSG), country's leading security consultancy company, a part of the Mahindra Group, evaluated various surveillance solutions on behalf of the company. Based on the technical and commercial evaluation, Axis cameras as end devices and Milestone as the video management software were selected.

Result

The implementation of the Axis cameras have addressed various quality control issues. The installations at the plants have prevented minor damages like scratches and dents on the car body, which can be easily detected and repaired faster. The outdoor PTZ cameras and perimeter protection solutions have helped in prevention, detection and investigation of security and safety incident.

AXIS®
COMMUNICATIONS

> "We felt the need to strengthen our security posture early on and based on expert evaluation we implemented this solution. The excellent products offer high quality image and the support provided by the system integrator is commendable. All in all the solution, provided by Axis Communications helped us achieve built in scalability, reduced turnaround time and minimal maintenance costs per year for all locations that decided to implement the solution."

Mr. Parag Vora (DGM, Group Security) .

Implementation

The first installation was done at the Corporate Head-quarters in Mumbai, and subsequently at other offices and plants across the country. Currently, almost 200 cameras, using more than 20 different models of Axis cameras, have been installed across 13 locations across the country.

The solutions used varied from security application to quality control requirements. For example the assembly line at the plant required indoor cameras, whereas for security and perimeter protection Axis outdoor cameras were suggested.

Smart monitoring

A combination of high definition tamper-resistant indoor and outdoor cameras have been installed which offers excellent image quality. The Mahindra Group's surveillance project combines an integration of one of the most cost effective and power efficient system.

A few of the Axis network cameras included are AXIS M3204, AXIS P1344, AXIS P1353, AXIS P1354, AXIS Q1765, AXIS M3004 and AXIS P5512-E, among others.

"The Mahindra Group's primary requirement was to develop a network of camera solutions that could provide real time assessment of issues and security breaches. We are happy that they have chosen Axis Communications as their preferred solution provider. We look forward to collaborating for their future requirements too," added Mr Santosh Kamble, NexGen Integrated Systems Pvt. Ltd."