

CEAT Tyres achieves remote monitoring with Axis network surveillance cameras.

Enables management focus on improved operational efficiency.



Organization:
CEAT Tyres

Location:
Mumbai, India

Industry segment:
Industrial

Application:
Safety and security

Axis partner:
OSI Networks India Pvt Ltd

Mission

The CEAT Tyres management was looking for a surveillance system that would help them to remotely monitor various divisions of the company. The core objective of the installation was to supervise the R&D facility, keep track of materials at the plant and monitor employee behavior and process compliance, all from a central location. Further, CEAT Tyres required high definition (HD) cameras, in order to zoom in and monitor the materials and obtain clear images.

Solution

CEAT Tyres has installed 5 Axis cameras of different models. AXIS M3011, AXIS P1344, AXIS M1134, AXIS P5512 and AXIS M1113 Network Cameras have been mounted for monitoring the entire R&D facility, office and the manufacturing plant. These cameras are specifically designed for indoor use and are discreet cameras that are powered over Ethernet and provide high quality images.

Result

The installation has been successful and facilitated CEAT Tyres to centrally monitor all the facilities, especially to ensure secure access to the R&D unit and consistent compliance of processes across locations. Real time monitoring has reduced the need for manual surveillance. This has led to reduced costs and dependency on manual monitoring.

“For an R&D facility with restrictive access, high quality images and recorded video data will be an important tool to monitor the premises and practices followed by the employees. We needed a surveillance installation that would help us overcome the need for security personnel and enable the authorities to access the data anytime, from anywhere through their smartphones and tablets. The cameras installed in our premises have helped us achieve these objectives effectively.”

Gopal Rathore, Manager IT at CEAT Tyre.

Saved man-power

CEAT tyres is one of the leading tyre manufacturers in India. On the road since 1958, CEAT has run up to be one of the best tyre manufacturers in the business. They not only make trailblazing tyres, but also market tubes and flaps.

Prior to installing Axis cameras, the company had manually monitored the locations including the R&D plant. The primary objective of the surveillance deployment was to enable the management team to keep an eye on the remote locations while providing high resolution images to monitor everyday activities. Moreover, the management wanted to ensure that the product quality was not compromised in their absence.

This was a greenfield installation for the company and prior to installing cameras, the company had a 24*7 personnel monitoring. Therefore, the company needed a solution which would reduce the dependency on man-power and provide HD image quality with continued access from any device including tablets and mobile.

With the R&D unit demanding high security and selective access, the daunting aspect for the management was to keep an eye on the people entering the R&D facility manually. Tracking employee behavior and process compliance with a human eye further added to the challenges.

Improved profitability and efficiency

CEAT Tyres evaluated various other CCTV brands for their implementation. They finalised Axis Solutions due to the fact that the products are powered over Ethernet and provided high quality images along with superior video quality.

The benefits provided by this installation include:

> Business intelligence: Gathering business intelligence across locations including employee behavior, quality of products manufactured, and adherence to processes.

> Central monitoring: Through the Axis installation, the senior management is able to remotely monitor all the locations real time from a central location, over the Internet. The cameras enable efficient and real time monitoring by providing vivid details. The recorded video is compressed and shared over the Internet with the authorities on a regular basis.

> Cost-effective: The installation helps in monitoring plants even in remote locations, thereby reducing the cost of manual surveillance.

> Scalability: CEAT tyres is planning to add more Axis cameras to monitor all the facilities and offices in the near future. Axis' solutions will enable the company to install more cameras without having to install any additional IT network infrastructure.

With Axis' installations, management is able to remotely monitor the R&D facility and employee behavior from any device including iPad and mobile phone. This installation also helped the company reduce the cost of manually monitoring the facilities and human errors, which will in turn help them to improve overall profitability and efficiency.

