



## CLIENT

A leading tyre manufacturing company headquartered in Gurgaon, India. It has multiple manufacturing units in India, the Netherlands and Hungary.

## CHALLENGE

The biggest challenge for the company headquarters is to achieve total situational awareness and to access video retrospectively or in real-time.

## SOLUTION

The system integrator worked with Oncam to install 20 Evolution 12 Outdoor cameras and five Evolution 05 Indoor cameras in the main office complex of the facility.

## RESULTS

By implementing Oncam cameras, the client's surveillance system has constant coverage of the facility without any blind spots. It provides the security team continuous surveillance of indoor and outdoor critical areas, ensuring the safety of its employees, assets and visitors.

# Reputable Tyre Manufacturer Deploys 360-Degree Video Surveillance to Protect Valuable Assets

Tyre manufacturer's security team requires a comprehensive security plan that includes an effective and efficient surveillance system. Safeguarding the employees, assets and visitors at the headquarters is a priority.

The client is a trusted name in the business of manufacturing and selling tyres since 1972. The company sells its products in more than 100 countries across the globe, with multiple manufacturing units in India, the Netherlands and Hungary. At the end of 2018, the company reported \$2.28 billion in sales and a global workforce of more than 16,000.

Security is of the utmost importance in the company's headquarters in Gurgaon, India, where so much of the organization's leadership teams work toward developing and delivering the best possible products to market. To keep employees and visitors safe, the security and IT management teams are tasked with oversight of the video surveillance and access control functions. Narrow field-of-view cameras were in place, leaving significant blind spots that posed a real challenge for security officers when investigating incidents and monitoring in real time.

The company's old surveillance system was poorly functioning and needed immediate updates to remain valuable for the teams. "The footage we collected could only be viewed

and not recorded," said the Head of Security. "Security alerts were often missed and at times even delayed. The in-house [security] team found it difficult to respond to these alerts, making the surveillance system ineffective. This created a huge security risk for our organization."

They began searching for a technology solution that provided more coverage over an area, as well as additional functionality for storing and accessing video when it's needed most: either in real-time or for retrospective viewing. They enlisted the help of a system integrator based in New Delhi, India. They helped identify Oncam as a potential technology partner, highlighting the ability of the cameras to maintain constant coverage of the perimeter of the facility with no blind spots. "We needed a service provider who could design a comprehensive, robust and secure solution system," the Head of Security said. The system integrator recommended Oncam be a part of the company's search for a surveillance solution.

# Securing the perimeter

“ [Oncam] listened to the complex problems we had and brought real solutions to the table. Oncam’s specialization in 360-degree surveillance helped make this a successful addition to our comprehensive security plan.”

Head of Security, International Tyre Company

“We invited leading surveillance companies to demonstrate their cameras and provide a proof of concept for perimeter security,” the Head of Security said. “Each company was technically evaluated before we chose Oncam.”

The system integrator installed more than 20 Evolution 12 Outdoor cameras, as well as five Evolution 05 Indoor cameras for operational common areas in the main office complex of the facility. Oncam’s 360-degree and wide-angle technology uses patented dewarping software to help transform the single-sensor fisheye camera image into an easily viewed complete picture of a scene. By enabling high-resolution recording of the entire fisheye view, independent of what an operator is doing, images can be processed during playback as if they were live images. During playback, images can be dewarped and virtual cameras can be generated enabling the viewer to pan, tilt and zoom around the entire scene.

Oncam cameras also are viewable through the ONVU360 mobile application that allows dewarping technology at a user’s fingertips. Through the iOS or Android app, users can view live and recorded videos with built-in dewarp functionality and a variety of screen layouts.

The cameras also integrate seamlessly with the video management system (VMS) that the manufacturer uses to view video on demand.

The installation of Oncam’s technology at the international tyre manufacturer’s headquarters allows security management the ability to effectively monitor the movement both inside and outside of the

perimeter wall and office premises. “With Oncam technology, we have zero blind spots,” said the Head of Security. “The system integrator and Oncam delivered a system where the management team could be notified to view the premises and could immediately log on to the security system at any given time, whether day or night, through a mobile app.”

Operators also now have the advantage of being able to access multiple views from the same camera simultaneously during live and recorded video. Additionally, the tyre manufacturer recognizes the robust housing on the outdoor cameras around the facility: “It is highly flexible to deal with the fluctuating and often challenging environmental conditions,” the Head of Security said.

The Oncam Evolution camera line provides the tyre manufacturer in India 24/7/365 surveillance of critical areas of the facility, including main entrances and exits, ensuring thorough protection for customers and employees. With higher resolution than the traditional pan-tilt-zoom cameras they had in place, the company can experience elevated situational awareness and obtain more details and insight during an investigation. The solution also integrates with access control across the premises in critical areas to help restrict unauthorized entry.

“We are happy with the performance and knowledge that the Oncam team brings to our organization,” the Head of Security said. “They listened to the complex problems we had and brought real solutions to the table. Oncam’s specialization in 360-degree surveillance helped make this a successful addition to our comprehensive security plan.”