

## Power Soaps attains operational efficiency with Axis network video surveillance cameras.

Installation condenses manual intelligence visits and enables management to focus on improving operational efficiency.



### Organization:

Power Soaps

### Location:

Chennai, India

### Industry segment:

Industrial

### Application:

Safety and security, plant surveillance and management

### Axis partners:

Euphoros Limited,  
Milestone

### Mission

The Power Soaps management was looking for a surveillance system that would help them in multi-location remote monitoring. The core objective of the installation was to supervise the employee behavior and compliance, all from a central location. Further, Power Soaps required high definition (HD) cameras, in order to zoom in and monitor the shape and size of the soaps manufactured. The analog cameras that were installed earlier used to have bad connectivity and poor image quality. Therefore, the company needed a solution which would provide HDTV image quality and continued access from anywhere in the world.

Having manufacturing facilities in Pondicherry, Chennai and Karaikal, the daunting aspect for the management was to pay frequent visits to the plants to check the process adherence and the quality of the products. With Axis' installations, in addition to monitoring all the 3 plants without any manual support, the company was also aiming to reduce the management travel time and costs, which will in turn help them to improve overall profitability.

### Solution

Power Soaps has installed 137 Axis network cameras at their office premises and the three manufacturing plants. AXIS Q6032, AXIS Q6034, and AXIS Q6035 Network Cameras have been mounted for monitoring the entrances, main building and the entire facility. These cameras are specifically designed for indoor and outdoor use and are high definition vandal proof cameras which can be used in varying light conditions.

### Result

The installation has been successful and facilitated Power Soaps to centrally monitor all the plants, especially to ensure consistent compliance of processes across locations. Real-time monitoring has reduced the need for senior authorities to travel to remote locations to monitor the plants. This has led to reduced costs and dependency on manual monitoring.

“For a manufacturing facility with large numbers of employees, recorded video data has become an extremely powerful tool to gain insights into workplace practices. Our objective was to implement a surveillance system that goes beyond ensuring security and actually serves as a tool to enhance the overall operational efficiency. The cameras installed in our premises have helped us achieve these objectives effectively.”

Krishnaraja Dhanapal, Director at Power Soaps Limited.

Power Soaps is one of the leading soap manufacturers in South India. Started in 1986 in Chennai, the company opened 3 manufacturing facilities by 2008. The manufacturing facilities have a total area of 5 acres and about 2000 employees.

Prior to Axis cameras, the company had installed analog cameras and were dissatisfied owing to their poor image quality and bad connectivity. The primary objective of the surveillance deployment was to enable the management team to keep an eye on the remote localities 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.

Power Soaps evaluated another company for the implementation, but chose Axis solutions due to the fact that the products are powered over Ethernet and provided high quality images.

The benefits provided by this installation include:

**Business intelligence:** Gathering business intelligence from all the plants including employee behavior, quality of products manufactured, and adherence to processes.

**Central monitoring:** With the Axis installation, the senior management has been able to remotely monitor the manufacturing plants real time from a central location, over the internet. The cameras enabled effective and real time monitoring by providing vivid details. The recorded video was 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 travel cost incurred by the management team to personally visit the plants.

**Active gatekeeper:** With Active Gatekeeper, the cameras can automatically move to a preset position upon motion detection in a pre-defined area, and track the detected object. The camera's day/night functionality ensures high image quality even in low light conditions.

**Scalability:** Power Soaps plans to open 5-6 new locations in the coming years and are planning to add more Axis cameras to monitor all the facilities. Axis solutions will enable the company to install more cameras without having to change the network infrastructure, at a minimal cost.

