

Indian Public School achieves seamless integration with Axis solution.

Installation helps save costs and achieve increased collaboration.



Organization:
The Indian Public School
Coimbatore (TIPSC)

Location:
Coimbatore, India

Industry segment:
Education

Application:
Campus security and
remote monitoring

Axis partner:
Indsys Infotech Pvt. Ltd.

Mission

The Indian Public School Coimbatore (TIPSC) is a residential school located in the Coimbatore district of Tamil Nadu, India. The school has two separate campuses that are 25 kilometers apart, making it challenging for school management to monitor both campuses effectively.

The school was looking for a solution that would enhance its communication and monitoring capabilities. At the same time, the management was keen on saving time and travel costs incurred from frequent trips between the two campuses.

Solution

The school deployed over 25 AXIS M1011 Network Cameras at different locations at the school including the classrooms, cafeterias, conference rooms and other common areas.

Result

Prior to the installation, the school management had to make two round trips shuttling between the campuses, on an average day. Using the Axis solution allowed for easy monitoring of the campuses, cost savings and additionally cutting down travel time. Apart from seamless monitoring of the school campus and hostel areas, the new solution also serves as a cost-effective video conferencing tool to hold meetings across the two campuses.

"With the installation in place, physical separation of campuses is no longer a barrier in management, administration, communication and faculty interaction. The application goes well beyond the traditional purview of surveillance and acts more as a tool for effective communication between the two campuses. The quality of video is stunning."

Mr. Ashok Kumar, Chairman, The Indian Public School.

The Indian Public School Coimbatore (TIPSC) is located on two campuses – in Coimbatore and Erode respectively. TIPSC was the first international school in the state of Tamil Nadu to implement the 'Primary Years' program of International Baccalaureate (IB) – an international educational foundation headquartered in Geneva, Switzerland.

Founded in 2006, the school has over 100 teachers and about 650 students from pre-kindergarten to grade 7. As a school offering international class education, the school management was keen on maintaining uniform quality and processes across both its campuses.

With the campuses situated 25 kilometers apart, the school management was facing considerable difficulty with monitoring both campuses. On an average day, the school principal had to make two trips between the campuses, which meant about two hours of daily travel time, not to mention the transportation costs.

The school also wanted to achieve cross-campus collaboration and real-time connectivity between activity and conference rooms at both facilities. Since the campuses were already connected through a 5GHz wireless point to point link, the school wanted to achieve 24/7 monitoring of both campuses using the existing Ethernet infrastructure.

Before undertaking the full-fledged installation, the school tested several solutions during the pilot stage; but the quality and reliability of Axis network cameras came out on top by a wide margin.

In the first phase, the school deployed over 25 cameras between the two campuses. In the next phase, the school is planning to install 25 additional cameras. The school expects a total of 100 cameras by end of 2011 in its Coimbatore campus.

With the first phase of the installation in place, the management is able to effortlessly monitor both the campuses through live images that are transmitted electronically.

Instead of using the Internet, the solution uses the existing wireless link to transmit images, thereby achieving considerable cost savings. The installation brings with it a number of advantages:

Cost-effective solution

With images being transmitted via the existing Ethernet infrastructure, image transmission is achieved at a minimal extra cost. Additionally, the solution also results in considerable savings in travel costs for the school management since they can now monitor the campuses electronically.

Communication

Perhaps the biggest advantage of this solution is its utility as a seamless communication tool. The school authorities effectively use the cameras as a video conferencing tool. The cameras are used to transmit video, while audio is transmitted through a regular telephone line. This enables not only staff meetings between staff of the two campuses, but also allows for parent/teacher meetings with parents joining the meeting from the campus that is convenient for them.

Security

The ability to monitor all areas of the campus acts as an effective security mechanism. At any given time, the school management can observe activity within the campuses. The school principal can also access the school video from his residence, giving him 24/7 visibility. This provides a sense of security to all staff and students, and also acts as a deterrent for any criminal activity.

Quality management

Since the classrooms are monitored, it allows for school management to observe teaching methods and classroom behavior, thereby ensuring that the quality of education imparted is of high quality and uniform. Interlinking the classrooms also allows for unprecedented collaboration between students and staff of the two campuses, which encourages healthy exchange of ideas.

