CASE STUDY

VIDEONETICS SECURES LARGEST MEDICAL COLLEGE IN KARNATAKA, INDIA
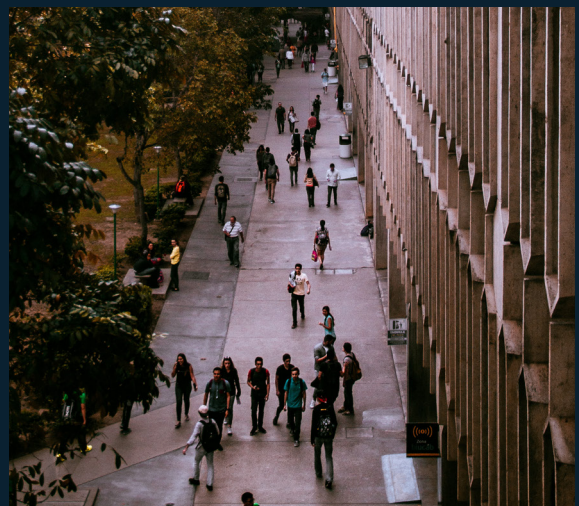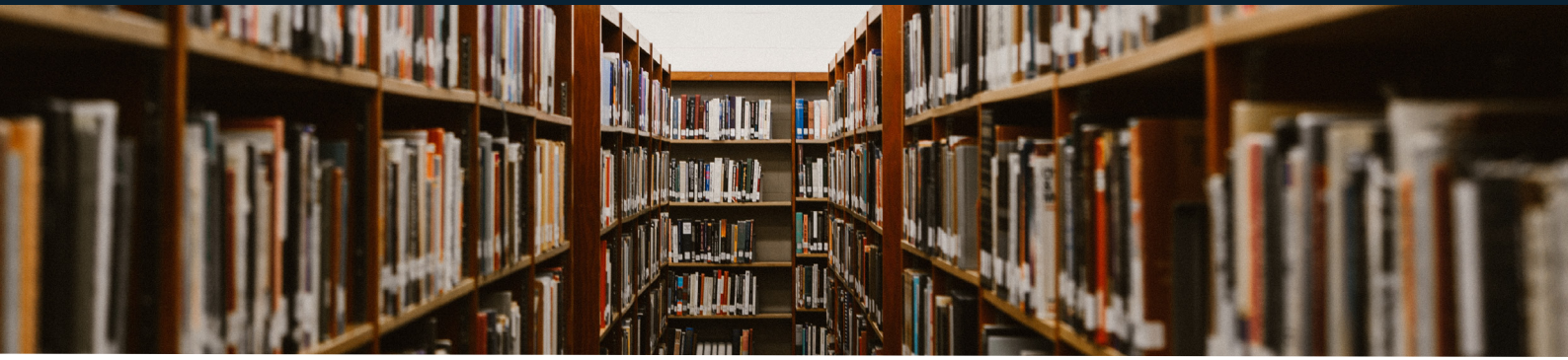
Summary

The largest medical college in Karnataka deployed Videonetics Intelligent Video Management Software (IVMS) solution to address their serious security concerns pertaining to library, hostel and overall campus wide security. Videonetics IVMS proved to be an easy-to-use solution for effective surveillance and investigation of the incidents. The integration of the existing analog cameras saved the prior investment. The intuitive GUI was easy to understand and operate for the security and administration staff. Considering the positive outcome of the system, the college is planning to augment the solution to cover the entire premise.

The Problem

The college with 100 acres campus was finding it difficult curbing indiscipline and the frequent unlawfulness in the hostel campus. The hostel campus accommodated over 700 students, interns and nurses. The manhandling and theft of the books in the library which housed over 26,000 books, journals, and dissertations was a major concern.

The existing analog CCTV system could only record footages and store them locally in DVDs. Also, the system could not offer access to the multiple stakeholders, based on their roles, to monitor the premises. The image quality was poor, the storage was limited, and it was difficult to retrieve the archived video. The investigation of the incidents was very cumbersome.

The Solution

To address these problems, Videonetics deployed its Intelligent VMS that would cover 24x7 surveillance of the library and hostel premises with the addition of new IP megapixel cameras. The new cameras were installed in incident-prone areas like entry, exit gates of the hostel, corridors, lobby and the dining areas. The cameras were focused on the book racks within the library for effective monitoring.

Key highlights of the solution:

- Open architecture based Intelligent VMS
- Seamless integration of existing video surveillance (analog cameras)
- Integrated video analytics
- Scalable storage
- Centralized architecture
- Video Digging™, an investigation tool to search video from multiple camera feeds

The Intelligent VMS started giving alerts on pre-defined rules to help the stakeholders take prompt actions. This increased the sense of security within the premise and among the stakeholders.

The Result

1. **Real-time Surveillance:** The IVMS provided 24x7 monitoring of the premises from the administration office. The easily searchable archive video was used for investigation and decision support. Access from multiple locations based on the functional responsibility of the stakeholder provided effective use of the system.

2. **Prompt Response:** The built-in video analytics empowered the authorities to take prompt action based on the alerts generated by the system.

3. **Easy and Effective Investigation:** Mega-pixel cameras provided minute details of the event. Intuitive GUI and ease of operations helped the authorities use the system efficiently. The Video Digging™ enabled the authorities to investigate the incident by navigating videos from multiple cameras systematically.

4. **Augmentation:** With the visible benefits of the solution in improving the security within the premise, the authorities are considering augmenting the solution to secure the entire campus. Over 100 more cameras are being planned for the next phase.

About Us

Videonetics, world's first AI & DL powered Unified Video Computing platform development company, has developed an integrated software platform to manage video data as well as other sensor generated data in a single unified framework, and emerged as a leading technology player in Smart City Mission, Aviation & Transportation, Hospitality, Healthcare, Real Estate, Commercial, Education so on. The platform is enabled with patented video management technology and is integrated with AI and Deep Learning engines for analyzing the video in real time for metadata generation and correlating them in space and time domains. The platform provides an end to end solution from Edge devices to Cloud hosted services for Intelligent Video Surveillance, Traffic, Retail, Video-IoT and in other fields of operation related to capture, store, analyze and distribution of data, especially Video.

Videonetics, fastest growing company in this domain, secured more than 100 cities, 80+ airports, and 100+ large enterprises all over India, having integrated over 100K+ cameras to its Intelligent VMS and over 7500 traffic lanes being monitored by its Intelligent Traffic Management System.

Write to us, marcom@videonetics.com
www.videonetics.com