

## Hospital In India Kitted Out With VIVOTEK Cameras

### Protecting patients and caregivers

As one of the leading healthcare delivery providers across the pan Asia-Pacific region, Fortis Healthcare Limited is committed to not only sustaining, but also bettering the lives of those in need of clinical care. The company's operations span many borders – countries such as India, Singapore, and Sri Lanka, all the way to Dubai in the United Arab Emirates and the island nation of Mauritius – and its services reach some of the world's fastest growing markets. As a provider of integrated health care in the areas of diagnostics, primary care, and specialty day care in hospitals, Fortis Healthcare is a major force in the industry and poised to take on a leading position globally. With expanding operations comes the responsibility of protecting not only patients' physical health, but also the environment in which they and their caregivers work on a day-to-day basis. Such was the case with one of the hospital locations in Ludhiana, India, and they sent out a call for help that VIVOTEK answered wholeheartedly.

### Outfitting the medical center without interrupting the hospital daily operation

As hospitals never close, the greatest obstacle to outfitting the medical center was laying cables for the relocation of cameras without interrupting business as usual. The hospital in Ludhiana remained in full operation throughout the process, and the system integrator deftly managed to do the cabling without disturbing patients or damaging anything. It took a lot of manpower and hours, but in the end the installation was completed seamlessly. Computer Services Integration Pvt. Ltd. – a company with experience and specialization in IP surveillance, network infrastructure projects, wireless and video, and data and audio communication systems – together with VIVOTEK worked to bring the project to fruition, and all systems were up and running by October of 2013.

### Choosing the right hardware to build a seamless security

Guarding expensive medical equipment and the safety of staff and personnel was the primary concern of this project. When it came to choosing the right hardware, there were four main aspects of surveillance that played into the decision: patient movement, patient security, employee security, and grounds security. Inside the hospital 54 units of the IP8133 model were mounted. This camera allows users to simultaneously receive multiple streams and is an ideal option for keeping a remote eye on patients and staffs. The camera features tamper detection, 32-channel recording software, and a built-in PIR sensor for human detection, all packaged in a compact design. Five IP8332 units

were used for monitoring goings-on outside of the hospital. The bullet-style network camera performs well in outdoor settings, with a removable IR-cut filter for day and night functionality, IR illuminators effective up to lengths of 15 meters, and multiple stream capabilities.

All video streams captured by VIVOTEK's cameras are fed through video management software called ST7501, enabling the user to fully control and manage the streams from a single location. Using ST7501, real-time remote monitoring, recording, playback and event trigger management functions can be operated by the user. Ultimately, the solution chosen by Fortis Healthcare guaranteed patient and visitors tracking, grounds surveillance, and general security of the hospital.

### **Completely satisfied with the Installation and performance**

Mr. AP Singh, regional IT head of Fortis Hospital, commented on the overall efficiency of VIVOTEK's IP surveillance solution. "The system integrator did a really good job setting up the surveillance system despite the challenge of working in a hospital open 24-hours. Once the system was in place I was really impressed with the user friendliness of it all, particularly the way in which ST7501 software integrates everything into an easy to operate system."