

Bosch secures South Asia's largest Prison Tihar Jail, New Delhi, India



BOSCH
Invented for life

Industry:

Detention Facility / Prison Complex

End User:

Bosch secures South Asia's largest Prison.

South Asia's largest prison complex, Tihar Jail in New Delhi, is spread across 400 acres and comprises 9 different prisons, housing around 11872 inmates. The jail is committed to providing a safe and secure detention and is constantly providing welfare opportunities for reformation and rehabilitation for all its inmates. It has special cells for adolescent and female prisoners, special medical care, crèche facilities for children and facilities for education, spiritual, vocational and recreational activities.

Business Objective:

In the last few years, the prison population has steadily grown, adding tremendous pressure to the overall capacity, basic standard of living and treatment to the prisoners remanded. Effective 24/7 security and vigilance by 1300 jail staff was a key area of concern. The jail management decided that an efficient video surveillance system was required to track, monitor and record movements in critical locations.

Solution:

Bosch offered an advanced IP based CCTV solution to Tihar Prison using the following equipment:

- 280 Auto Dome PTZ camera (VG4 series) and Fixed Dinion Camera (LTC 0455)
- VIPX1600 Encoder
- VIP XD Decoders
- KBD Digital keyboard
- VIDOS Software

A state-of-the-art central control room was set up in the Prison Headquarters, using VIDOS NVR and Pro-suite. VIDOS pro suite is an enterprise level software working in a client-server architecture. This provides a long-term storage and retrieval solution for video and audio as part of the IP Video installation. The control room runs 14 video management client software stations. There are two servers which support the system. The main server stores the entire configuration and the second redundant server is used as a backup in an event of server failure.

There are dedicated control rooms in each of the 9 prisons with 9 client software & workstations.



Bosch AutoDome camera installed at one of the Prisons of Tihar Jail.

Using VIDOS system configuration the administrators can create various trigger alarms, including alarm inputs, motion detection, video loss and video contrast. Interval and weekday timers are used in conjunction with the alarms to react only when necessary, i.e. when motion is detected during the night. In the event of receiving an alarm, the system is configured to switch a specific camera to the workstation as well as trigger the network video recorder (NVR) to start recording.

Result:

Following installation of the Bosch surveillance systems at Tihar, the jail administration is easily able to monitor the entire facility.

Says Mr. B.K. Gupta, Director General Prisons: "The Jail inmates know they are being watched, the staff knows that their actions are being monitored. There is no room for ambiguity. The surveillance system greatly improves the prison's security and helps ensure the safety of everyone within the grounds."

After the successful installation of the first phase, Prison authorities have decided to increase the number of cameras in the prison premises and monitor more sensitive locations. This will enable better control over inmate activities and ensure proper discipline is followed on prison premises.

Installed by:

Bosch Security Certified Partner
M/s.Pan Intellectcom Ltd
313-315, Som Datt Chambers-II
9, Bhikaiji Cama Place, New Delhi 110 066

Bosch Limited

Security Systems Division,
Post Box No - 3000, Hosur Road, Adugod, Bangalore - 560 030, India
www.boschsecurity.co.in