



Case Study

## Kolhapur City Surveillance



### Kolhapur City safer than ever with Infinova Surveillance System- Designed and Implemented by Samarth Security Systems India Pvt. Ltd.

#### **Kolhapur City Surveillance**

Kolhapur Safe City Project initiated with the key project objective of implementing a state-of-art IP surveillance Infrastructure with Incident reporting System. The city well known as one of the Holy Tourist destinations in Maharashtra India, demanded an uplift of the safety infrastructure for its residents, immigrants and pilgrims to this city. The Safe City project also had a motive to monitor Law and Order Situation, Public gatherings, processions, VIP movements and assist in Traffic Control and Crime Prevention

The Solution required covering all major entry and exit points from the city, places of strategic and religious importance, locations prone to public gatherings, traffic junctions, flood prone areas, administrative office locations. Collectively, 65 locations were to be covered under the first phase to the CCTV installation. The infrastructure involved covering these 65 locations with high-end surveillance cameras and Infinova was selected one of the major partners for providing these High Resolution IP Cameras. About 165 cameras in

*“The quality of the footage is excellent. We provided vital leads to the investigation officers”, quoted by a senior police official from the control room after tracking a Theft Incident in a Car.*

total were implemented by our System Integration Partner, Samarth Security Systems (I) Pvt. Ltd based at Navi Mumbai, involving 116 Infinova High Definition Fixed Cameras and 17 High Definition PTZ cameras. Balance being covered by 32 Panoramic Cameras. These cameras were connected to the C-Cube (Command, Control and Communication Center) and were viewed on a Large LED wall covered with 12, 43 inch LED monitors. Two client workstations are used to control all the cameras at the control room. Apart from the surveillance cameras, storage and command control system, the infrastructure also included industrial grade switches, network management software for health monitoring and efficient backbone using 6/12/24 core OFC Ring Topology.

The C-Cube ensures an efficient Video Management System, Incident reporting system, Video Analytics, Disaster Management System and the SOP's are available in the local language “Marathi”, all to support the operators and provide a user friendly system.

It is proposed that in the Second Phase, 90 more cameras are supposed to be installed along with E-Challan/ M-Challan, Dial 100, Intelligent Traffic Management System, Flood Sensors & Seismic Sensors, Face recognition, License plate recognition (ANPR), Police m-Beat System, all integrated to the C-Cube.

Current Scenario, since the project completion in March 2016, the CCTV system has been a great benefit to the police officials. The cameras have been tracking accidents, theft cases, etc. in various parts of the city. In the month of May 2016, the CCTV footage played a key role in at least four accident cases while at Central Bus Stand, the footage provided police clues about two thieves who had stolen a bag and some jewelry from a car using a duplicate key.

Last but not the least, the credits for the successful project completion of the Kolhapur City Project belongs to the following officials:

- Dr. Manoj Kumar Sharma- Ex- Superintendent of Police -Kolhapur (now DCP-Zone 1, Mumbai) - Instrumental in initiating the Kolhapur Safe City CCTV project
- Current Superintendent of Police- Mr. Deshpande
- KMC Commissioner: Mr. Siva Shankar- IAS
- KMC City Engineer: Mr. Netradeep Sarnobat
- Samarth Security Systems: MD, Mr. Yashwant Patil
- Samarth Security Systems: Project Head, Mr. Santosh Mayekar
- Active guidance from Dr. D Sivanandhan Ex-DGP of Maharashtra Police

## **Infinova**<sup>®</sup>

**Infinova** is a leading Global Security Products Manufacturer, headquartered in Monmouth Junction, New Jersey, USA. Committed to technology, quality and reliability, Infinova delivers end-to-end Digital as well as Analog Surveillance Solutions. We specialize in offering Integrated Video Surveillance Solutions with a constant endeavor to deliver cutting-edge technology. Our Integrated Solution Portfolio comprises of IP & Analog cameras, Specialized Cameras, Video Management Software, Encoders/Decoders, NVR's and DVR's, Video Analytics, Traffic Management Solutions, Financial and Retail Surveillance Solutions, Fiber Optics Transmitter/ Receiver, Industry Specialized Application Software and Custom Integrations. With Infinova's acquisition of a Canadian Based Surveillance Company **March Networks** in 2012, the combined ranking stands among the top 10 largest video surveillance security players in the industry. Infinova has also recently acquired **Swann Communications** in 2014, an Australian company and is a pioneer in Do-It-Yourself (DIY) solutions for both home and small businesses. Infinova Group thus offers solutions which are delivered across diverse industries worldwide.

For more information, kindly visit [www.infinova.com](http://www.infinova.com).

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### **About Samarth Security Systems**

**Samarth Security Systems (I) Pvt. Ltd** is a leading Security Solutions Company based out of Navi Mumbai, Maharashtra, India. Samarth Security Systems is organized into three business groups- Manufacturing, System Integration and Training of Security equipment & Counter Measures against threats. Samarth Security Systems has been a leading firm in innovation and manufacturing of Internationally Patented Metal Detector Technology, delivered across various Government and Corporate offices across India. The company also has a System Integration wing which takes care of integration for several technological systems, irrespective of the Technology Brand, ensuring the project is successfully completed to achieve customer satisfaction. Samarth Security Systems has been a part of several Major projects such as Kolhapur Safe City Surveillance, Nanded City Surveillance, Maharashtra Assembly (Vidhan bhawan), Mumbai Monorail and providing consultancy services for Procurement of Security Equipment's by MSRDC – Bandra Infrastructure Projects India. This makes Samarth Security Systems as the only System Integrator to have successfully executed 2 Safe City Projects, in Maharashtra.

For more information, kindly visit [www.samarthsec.com](http://www.samarthsec.com).

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