



CP PLUS



Building Safe  
& Intelligent  
Cities





In a **Safe City Project**, AI-enabled CCTV and regular CCTV systems can be strategically deployed across various locations to enhance public safety, monitor activities, deter crime, and provide real-time surveillance and analytics

# SMART CITIES MISSION

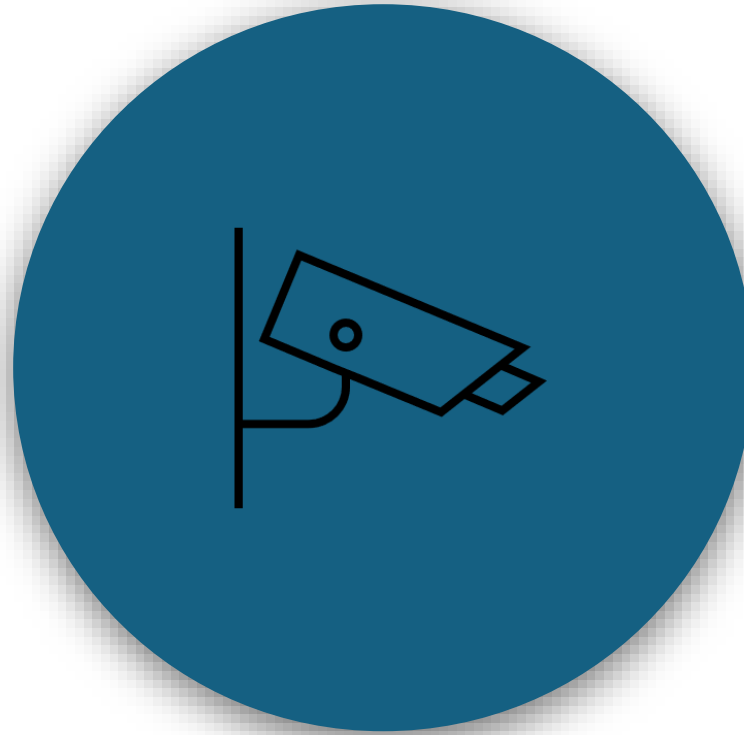
Building a  
Smart India

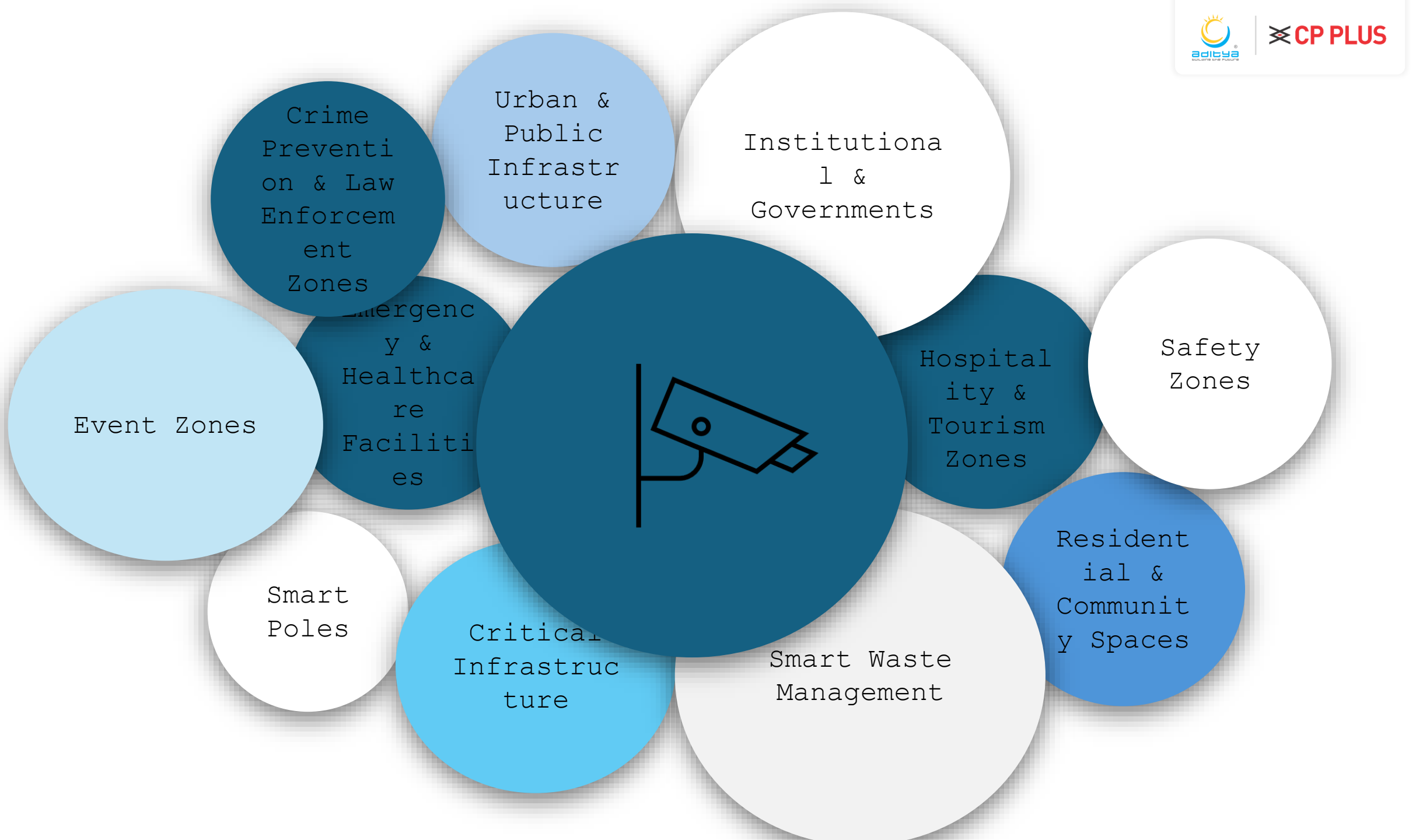




- High quality of life to residents
- Generating economic growth
- Efficient use of infrastructure and assets
- New revenue streams and operational efficiencies
- Transport And Commuting

- More effective, data-driven decision-making
- Enhanced citizen and government engagement
- Safer communities
- Reduced environmental footprint
- Increased digital equity
- Efficient public utilities
- Increased workforce engagement







## How Smart City Works

1. Collection



2. Analysis



3. Communication



3. Action







AI & General  
Surveillance

ITMS & ANPR

BWC

MNVR

CCC& Storage

Surveillance

ITMS & ANPR

BWC

MNVR

CCC& Storage

## Features

- Live monitoring from cameras installed at CityEntry/ Exit points, Public Places, Govt. Building etc.
- Recording & Live feed at Command Center
- Enables Behavior Analytics and People Counting/ Face Detection

AI & General  
Surveillance

## Benefit

- Live Video Surveillance
- Smooth Law & Order management
- Fasten Investigation
- Provide evidence for Court of Law
- Quick Incidence response





3 & 4  
Streams

WDR

Available  
in  
2, 4, 6 & 8MP

IR & Smart  
Light



Fixed &  
Varifoca  
l

Built in  
Analytics

SMD



3 & 4  
Streams

WDR

Long Range  
IR up to  
550Mts

Available  
in 2, 4, &  
4K

Available  
in  
25X, 32X  
& 45X

SD  
Storage

SMD

Built in  
Analytics



## Features

- Cameras Installed at traffic intersections
- Recording & Live feed at Command Center
- Enables ANPR system

ITMS & ANPR

## Benefit

- Live Video Surveillance
- Monitoring of traffic signal violations
- Law & Order management
- Provide evidence
- Quick Incidence response





3  
Streams

WDR &  
HLC

Built in  
IR

Available  
in 3MP &  
4MP

Can be  
integrated  
Flash &  
Radar

SD  
Storage

Vehicle  
Metadata

Built in  
Analytics





Wrong  
Direction

Helmet  
detection  
n

Vehicle  
Classifica  
tion

Triple  
Riding

Can be  
integrat  
ed  
Flash &  
Radar



Illegal  
Parking

SVD  
+Radar

Traffic  
Flow

## Features

- A video recording system typically utilized by law enforcement agencies to record their interactions with the public

## Body Worn Camera

## Benefi

- Provide video evidence of interaction with citizen or crime scenes
- Live video feeds through built-in 3G module
- Increase both officer and citizen accountability





**CP-EBC-1073-K**

- Supports 4K Recording
- Supports H.265/H.264
- Dual Camera Support
- IP66 & Drop Resistance
- Hot-Swappable Battery
- Android OS



**CP-EBC-4413**

- 4 MP Camera
- 2 Inch Color Screen
- 120° Wide angle View
- IP67 & Drop Resistance
- Continuous Recording of 12 Hour



**CP-DBP-H20**

- 2MP Camera
- 2 Inch Color Screen
- 110° Wide angle
- Supports H.264 Compression
- Continuous Recording of 8 Hours

## Features

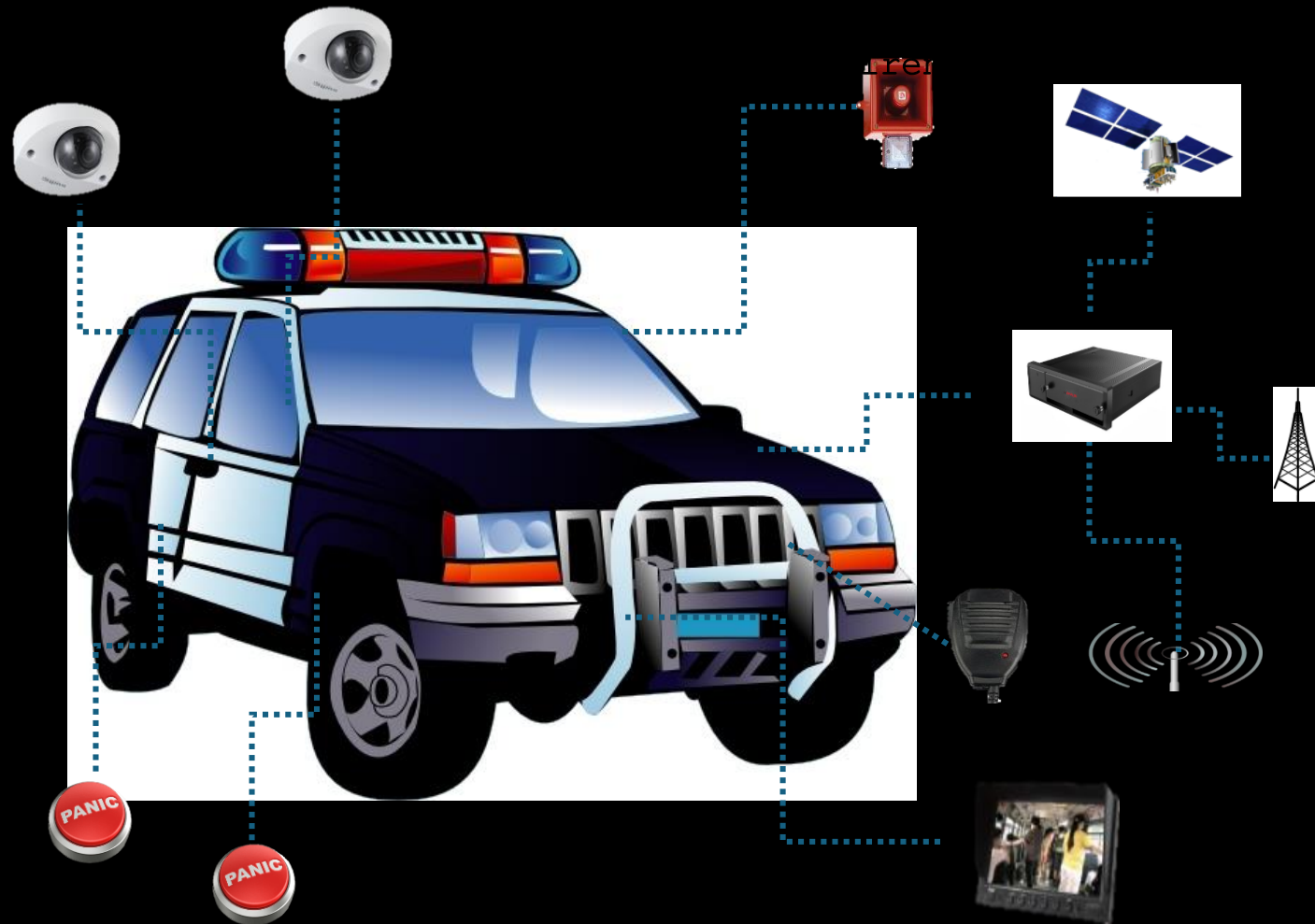
- Night Vision PTZ/ Cameras fitted on PCR Vans
- Recording of feeds on PCR van MNVR
- Live Video feed to Control rooms
- GPS tracking of vehicles

MNVR

## Benefit

- Live Video Surveillance
- Surveillance of remote locations where cameras can't be installed
- Provide evidence from location of incident
- Quick Incident response

# Vehicle Components & Mounting





# CONTROL ROOM SOLUTION



# EVMS - Video Management System

Value addition to your business

Large scale installations

Solution for different verticals

Interoperability, open platform

Integrated Platform for different solution



# Overview

## EVMS Pro Software



## EVMS Pro Hardware



CP PLUS EVMS, is a series of VMS developed by CP PLUS using Client Server(C/S) architecture and modular design. The CP PLUS EVMS family consists of Software products and All-in-One products.



# Hybrid Video Management System



Extends your surveillance with add-ons.



Live View



Playback



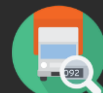
Event



Video Wall



Map



ANPR



Face Recognition



Thermal



Business Intelligence

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# Control Room Offerings

NAS (Network Attached Storage)

- Upto 768 IP Camera recording solution
- Maximum 1536 incoming/recording bandwidth support
- Support 48 HDD, 8 TB per slot

- LCD Screen Panels

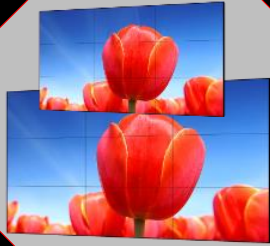
- Available with 55"/49"/46" screen size
- 3.5mm/5.3mm/11.8mm Bezel width
- Abundant interfaces HDMI, DVI, VGA, BNC, support video loop

- PoE Switches

- Upto 24 port network PoE switches
- Support IEEE 802.3 at/af standards for PoE and PoE+

- Network Joystick

- 3 Dimensional Joystick Control of PTZ Functions



## Display & Storage

# Health/Cloud Monitoring Software



Remotely can monitor the health status of IP camera/NVR DVRs, HDD status, recording status, channel status. Best tool to monitor the efficiency of the system



Live video monitoring & Playback



Alarm pop-up/ notification through mail, sms etc



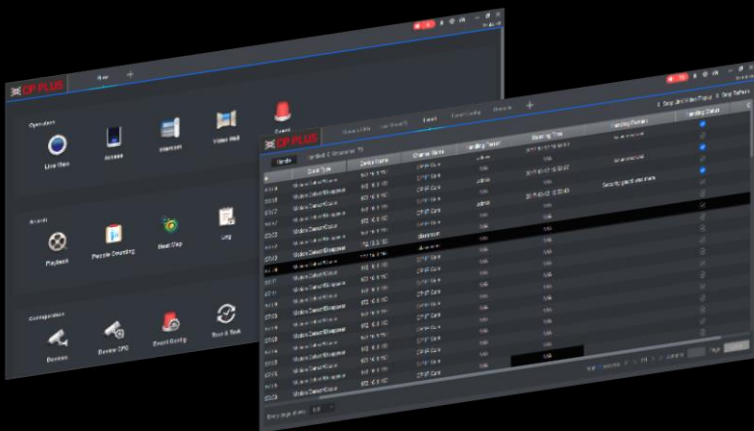
Health Monitoring for HDD status, network status



Video Wall, combine multiple screen to perform



E-Map, geographical view of the campus with cam





CASE STUDIES

# Case Study – Smart City Project Hyderabad



As the city of Hyderabad decided to move towards better and easier surveillance to reduce criminal activity, CP PLUS came forward to enable both the authorities and the public with not just installing CCTV cameras throughout the city but also with the integration of the AI-based safe city solution.

Over the last few years, CP PLUS has been diligently working with various organizations to take the newly founded state of Telangana to unprecedented levels of security in India. The initiative started with Hyderabad Traffic Police as a Senior Inspector of Telangana Traffic Police says, 'We have been using CP PLUS surveillance cameras for several years. These cameras have been an integral part of traffic management as well as traffic enforcement for us. The assistance that this surveillance solution provides is quite noteworthy. Our shift to the leading Indian brand has resulted in a greater availability of effective surveillance technology after the Make-in-India initiative was reiterated by CP PLUS. The working pattern has improved several folds in the past 5 years.'

To make the city absolutely safe for the public, Hyderabad Police also procured CP PLUS body-worn cameras. Now that every officer wears a highly useful body-worn camera while on duty, the way public behaves has been changed and the assault cases have seen a great downfall.

As it became evident that a smart surveillance solution can help increase the sense of security, the city police recently announced that the number of CCTVs in Hyderabad will be doubled to 1 million. This has resulted in Telangana leading the way in using tech to keep its citizens safe.





# Case Study – Securing G20 Summit in Delhi

## CP PLUS Proud to be Assisting the G20 Summit India with Smart Electronic Surveillance Solution

CP PLUS, a leading global provider of advanced security and surveillance solutions, is delighted to announce its successful participation in securing the prestigious G20 Summit Meetings held in New Delhi, India. As the trusted security partner for this high-profile event, CP PLUS demonstrated its unwavering commitment to safeguarding global leaders, delegates, and the host country.

The G20 Summit, a gathering of the world's most influential leaders and policymakers, is an event of immense significance, and security is of paramount importance. CP PLUS was chosen as the security solutions provider for this historic event due to its proven track record, leading-edge technology, and expertise in ensuring the safety and security of critical environments.



# Case Study – Mandi Becomes Himachal's Smartest District

**Mandi District of Himachal Pradesh is now secured with CP PLUS state-of-the-art ANPR & Varifocal CCTV solutions**



Under the guidance of Himachal Pradesh Police Mandi District Zone and SP Mandi Smt. Shalini Agnihotri (IPS), the Mandi district is the latest addition to India's journey of building smart cities. CP PLUS designed the ideal surveillance system using the most advanced technology to help Mandi Police in enhancing the security and safety of the district and its citizens. A Centralized Command Control Room has also been designed and provided by CP PLUS, which was inaugurated by the Hon'ble Chief Minister Shri. Shukvinder Singh Sukhu.

In a one-of-a-kind initiative to ensure road safety and reduce crime, the good people of Mandi are progressing towards smart living by installing CP PLUS state-of-the-art ANPR & Varifocal CCTV solutions across the district. The project has been hugely popular with the public as the police have intended to make the district safer by covering the majority of the road junctions in the area with High-resolution ANPR & Varifocal CP PLUS CCTVs. More than 200 CP PLUS Varifocal Cameras & over 50 CP PLUS ANPR Cameras have already been installed on the streets around the district. Through this, the Mandi Police have been able to create a geo-map of the district, making sure no dark spots are left out and the entire district can be put under effective surveillance.



# Case Study – Mandi Becomes Himachal's Smartest District

As a result of this largest surveillance initiative in Mandi, street crossings are now enabled with advanced integrated CCTV cameras to monitor and control all the activities taking place in the district. CP PLUS architected the project with a tailor-made customized solution to secure the area and provided advanced, embedded devices. The networking setup for the project, the designing, and the execution of the solution were all conducted at a centralized location within the district. The ANPR Cameras provided by CP PLUS have been designed with the capabilities of No-Number-Plate Detection; No-Helmet Detection, Passenger-Face Detection; Car-Color Detection.



The all-comprehensive solution provided by CP PLUS in Mandi also included a well-equipped and fully integrated Command & Control Centre (CCC) for effective monitoring and management of the entire area in real time. Moreover, the Health Monitoring System (HMS) by CP PLUS has also been integrated into the surveillance solution for the live monitoring of all the connected devices in the network and regular health check-ups of the overall solution to always ensure the surveillance system is working properly. Intelligent Transit Management System (ITMS) has also been installed at 5 Locations across Mandi, which is equipped with advanced features like Overspeed, Triple riding, and without helmet challan.

High-capacity servers were installed at each location to support live streaming of the same feed on multiple locations, so a stable high-speed internet connection never fails and a proper bandwidth setup could be retained for the required connection to the CCC in real-time. CP PLUS helped also set up a centralized CCC for the entire project, which has also been integrated with VMS and advanced video alerts as well.

With this initiative, the Mandi police have strengthened the faith in the public. As all the activities happening in the district are now monitored through CCTV, it is deterring and reducing any sort of mischievous and unwarranted acts of vandalism or violence.

Thanks

