

## Gaurella-Pendra-Marwahi District of Chattisgarh is now secured with CP PLUS state-of-the-art IP-based ANPR solution



The district of Gaurella-Pendra-Marwahi is the latest one in the country to enhance the security of its citizens by installing CP PLUS state-of-the-art IP-based ANPR solution. In a one-of-a-kind initiative to ensure the safety and security of its citizens, the district is progressing towards smart living and the project has been conducted under the guidance of Gaurella-Pendra-Marwahi District Chattisgarh Police. 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 IP-based ANPR CP PLUS CCTVs. About 61 cameras have already been installed on the streets around the district. Through this, the Gaurella-Pendra-Marwahi 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.

CP PLUS recognized that the district of Gaurella-Pendra-Marwahi required advanced, integrated, and cost-effective solutions that proactively help in deterring as well as detecting vandalistic and criminal behavior. Proficient and dedicated surveillance through well-structured security systems along with effective monitoring were the main aspects here to prevent mischievous activities and regulate or control suspicious people, objects, and vehicles. The project was conducted swiftly where CP PLUS was responsible for supplying, installing, testing, commissioning, and CAMC of IP Surveillance solutions in Gaurella-Pendra-Marwahi.

As a result of this largest surveillance initiative in Gaurella-Pendra-Marwahi, 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 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 Gaurella-Pendra-Marwahi 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 to 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.

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 Gaurella-Pendra-Marwahi 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.