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CASE STUDY | SMART CITY

CITY OF PUNE

Creating safer urban spaces: public address systems and emergency call stations as part of a big smart city project in India.

THE CLIENT

Located in the state of Maharashtra, the city of Pune is a thriving metropolis that surpasses Mumbai in size and is the seventh largest city in India. The city is known as one of the largest IT centres and is nicknamed the "Oxford of the East" due to its many prestigious educational institutions. It is not only an academic and technological centre, but also plays a central role in the Indian automotive industry. The city often experiences strong dusty winds in May and high humidity, especially during the monsoon season. Pune has been named "India's most liveable city" several times.

www.punesmartcity.in

COMMEND INDIA

" MR. ATMARAM MAGAR

Head of Operations and Maintenance

We're very satisfied with the systems from Commend. They met our needs effectively and have become an integral part of our smart city solution. I would definitely recommend Commend solutions – in fact, we've already implemented them in all our smart city projects following their successful installation in Pune. The support from the Commend India team, both during and after sales, has been excellent. If you want to see their solutions in action, take a look at our video:

CHALLENGE

Smart cities face a variety of challenges, with citizen safety taking centre stage. The lack of instant alert systems for ambulances and police as well as notification systems to ensure public safety has made the management of Smart City Pune difficult. In a city as large as Pune, it is particularly challenging to ensure the safety of all residents. To successfully implement its smart city project, the city needed effective communication solutions. On the one hand, these should enable the authorities to transmit information to citizens, for example during the COVID pandemic, or in case of floodings during monsoon and for government notifications. On the other hand, they should enable residents to communicate efficiently with the police in emergencies or when they need information or help.

- 146x AF250H
- 146x WS311VCM
- 7x EE980 (control rooms and police)
- 4x Intercom Client
- 1x VirtuoSIS with a redundancy

RESULT

The help points and public address systems not only provide effective solutions for managing the smart city Pune, but also improve the daily lives of the citizens in many ways. Commend's innovative technology ensures that the safety of all citizens is prioritised and that accidents and crimes are dealt with efficiently.

This is also shown by an evaluation: On average, the total number of calls received per month amounts to approximately 600, with the majority being prank or empty calls, while around 50 calls per month constitute genuine inquiries, and 2-3 calls per month pertain to actual incidents.

SOLUTION

The Smart City project consists of the following components: Integrated Command and Control Centre, Wi-Fi Hotspots, Variable Message Displays, **Emergency Help Points**, **Public Address Systems**, Environmental Sensors and Flood Sensors.

The Commend solution with public address systems and help points enables the city of Pune to manage and monitor the entire city more easily and issue warnings, e.g. in the event of flooding during the monsoon season. The modern public address systems transmit crystal clear important safety messages from the government.

The direct connection to the police at the touch of a button gives citizens a sense of security and enables an immediate response in emergencies. One example is the effective management of hit and run cases: Thanks to Commend help terminals it becomes easy to immediately alert ambulances and police and save the lives of injured people, whilst quickly reporting the fleeing driver.

Your local Commend contact person will be happy to answer any further questions regarding individual solutions.

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