

# Case Study

## Kochi Smart City

### Highlights

Delta, a leading provider of video wall solutions, successfully set up a large-scale Video wall for Kochi Smart City in its Integrated Command Control & Communication Centre. Kochi Smart City has India's first integrated command and control communication center (IC4) which is completely deployed on cloud. The IC4 will be the brain for city operation, incident handling, and disaster management. It will also provide insights by processing complex datasets at an aggregated level to derive intelligence for improved planning and policy making.

Kochi, city in Kerala, India is among the first 20 cities selected under Government of India's smart cities mission. The Smart Cities Mission (SCM) aims to rejuvenate the prevailing urban ecosystem through Area Based Development (ABD) strategies. The objective of the SCM is "to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions".

### Technologies Used

- » 70" LED-DLP Video wall
- » Windows based Control System
- » End User : Cochin Smart Mission Limited





## Kochi Smart City Command Centre equipped with Delta Video wall Solutions goes Live.

Delta equipped IC4 with two sets of Video wall: 391sqft Delta video wall, made up of 27 screens of 70" each, in 9x3 configuration and 116sqft Video wall, made up of 8 screens of 70" each in 4x2 configuration. A large Video wall installed at the centre will help to response to situations, both proactive and reactive that will truly make the city operations "SMART". Delta's Video walls with windows based Control system at the centre will be for monitoring and surveillance. CCTV cameras installed in public places across the city can be accessed from Video walls. The emergency services like, police, fire stations, other rescue services and LED Streetlights have been integrated with IC4. In the long-run other government services will also be integrated gradually.

*"Being a 24x7 facility, part of which will be utilized for Covid-19 war room, was very critical to us and team Delta exceeded our expectations. Delta engineers were able to quickly install the setup and help us complete the project on schedule despite the state lockdown imposed due to the pandemic. The end-result turned out even better than we had anticipated."* Commented CSML Official.

Amidst the Covid-19 pandemic, Delta Displays support team managed to install and complete the setup within tight deadlines. IC4 will be of immediate help to affected areas in case of floods or disease outbreaks. This will become the heart of Kochi smart city for monitoring, maintaining and addressing the needs of millions of people with quality services and facilities. The IC4 and adjoining war room both consists of Delta's Superior Video wall solutions. This is one of the best made smart city command centers in India in terms of scale, infrastructure, technology and functional aspects. Delta's LED video wall at the centre will support in monitoring operational parameters, anomalies, alerts/ events and help in a fast response by decision making operators.

Shri Pinarayi Vijayan, Chief Minister of Kerala inaugurated Integrated Command and Control Communication Centre (IC4) under Cochin Smart Mission Limited's (CSML) via video conferencing on June 8, 2020.

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