

# Case Study

## Kochi Intelligent Traffic Management System (ITMS)

### Highlights

Delta, a leading provider of video wall solutions, has successfully installed Ultra Narrow Bezel LCD Video wall at the first Intelligent Traffic Management System (ITMS) in the state of Kochi. The project aims to help Kochi Police improve the city's traffic movement by analyzing the traffic flow in real and utilizing the data to avoid traffic congestion. ITMS will encourage seamless mobility in the region that has a division of various transport functions such as metro rail, private buses, and more.

### Technologies Used

- » Ultra Narrow Bezel LCD Video wall
- » End User: Cochin Smart Mission Limited
- » ICON Pro Controllers





## Kochi's Intelligent Traffic Management System (ITMS) equipped with Delta Display Solutions

With an aim to utilize technology enhancing the urban traffic movement, the ITMS has been an initiative of Cochin Smart Mission Limited (CSML) and Kerala State Electronics Development Corporation (Keltron). The project has two broad elements, which are traffic management and enforcement. While the traffic management focuses on detecting high traffic zones and optimizing signal control for smooth traffic movement, the traffic enforcement will cater to the detections of offenses such as red light jumping and over speeding. A major component of ITMS is the vehicle actuated signals and area traffic control system that will optimize vehicle movement in the available space. This movement will be tracked from the control room equipped with Delta's LCD Video wall solutions.

Delta's Ultra Narrow Bezel LCD video wall offers one of the slimmest bezels in the video wall industry. The 6x3 Video wall is powered with an LED light source featuring a diagonal size of 55 inches. The panel delivers incomparable image quality in terms of resolution, brightness and contrast ratio with an extremely narrow bezel resulting in exceptional visual performance. It allows each display to be connected seamlessly, creating a powerful and impactful visual experience for control room operators, thus supporting the operators to monitor the movements with 24x7 assistance.

Intelligent Traffic Management System (ITMS) in Kochi will help the Police and Motor Vehicles Department (MVD) in managing the movement of traffic and integrating the required solutions. It is essential to capture every minute detail where Delta video walls will support in providing critical information to the operators round the clock.

Shri Pinarayi Vijayan, Chief Minister of Kerala, inaugurated Intelligent Traffic Management System (ITMS) under Cochin Smart Mission Limited's (CSML) online on 19th October 2020.