



Integrated Command & Control Centre

On 22nd October 2017, Hon'ble Prime Minister of India, Shri Narendra Modi dedicated to the nation the Vadodara City Command and Control Centre (CCC) amid much fanfare. This is Phase I of the Integrated Command and Control Project, under Smart City Mission.

The INR 100 Crores project includes CCTV Cameras, Smart Traffic Solutions,





Environmental Sensors, Public Address System, Emergency Call Boxes, Public Transit Management and other various smart components.

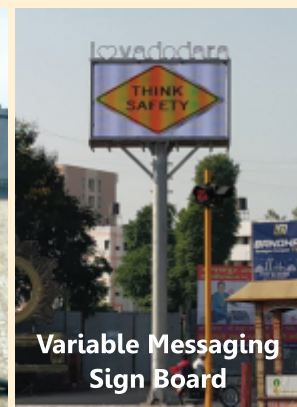
Other projects of Vadodara Smart City Mission, like ERP, Public Wi-Fi, GIS System, Smart Mobility, water SCADA, etc. are tightly integrated with the CCC.

The CCC is operating on an integrated collaborative framework where inputs are received from different Government/ Civic departments such as fire, police, water/sanitation, transport, health, meteorology, etc.



CCC Project Components

- CCTV Cameras (Fixed and PTZ)
- ANPR system
- ATCS (Smart Signals and Green Corridor for traffic)
- Variable Messaging Sign Boards
- Public Address Systems
- Emergency Call Boxes
- Environmental Sensors
- Data centre at CCC





Environmental Sensor



ECB

- Optical Fibre Network across Vadodara City to connect IoT devices
- Integration of other systems (GIS, SWM Vehicle Tracking, City Bus Tracking, Water SCADA System etc.)
- Disaster Recovery Site on Cloud Service Provider (CSP) Site



ANPR Cameras and Gantry

Why this project is unique?

This project is unique in the following ways, as compared to CCC projects in other cities.

Parallel Execution

This project got executed in parallel to other smart city projects, such as ERP, GIS, Public Wi-Fi, so that integration becomes speedy, making this project a higher success.

Fibre in PPP mode

Additional Optical Fiber installed by the Wi-Fi PPP project concessioner along the route is saving cost for all the Smart elements and field devices.

Tight Integration

Not only Safety and Security all the running projects are integrated to offer unmatched reliability and scalability.

Unique design of Field Devices

Each field device (CCTV Camera poles, Variable messaging sign boards, ANPR Gantries etc) are designed aesthetically to integrate with city's skylines, giving its unique edge of "CLEAN and GREEN Vadodara) and "Sanskari Nagari" Vadodara.