

# Case Study: Pune City 3M VMS Turnkey Project



## 3M innovation for a smarter Pune City

Pune, the 9th most populous city in India, was among the top 20 cities selected for a Smart City contest. Plans included studding the roadways with “intelligent boards” that will display live automated information to road users.

The objective of setting up these intelligent boards were to transform driving experiences, help motorists reduce violations, save lives on roads, and keep the people informed about events in the city in real time.

Over a tight deadline of three short months, 161 Smart VMS displays were installed over an area of 700km<sup>2</sup>. It was an extremely challenging task, however, the 3M team understood what it took to complete the task having already garnered vast experience in executing similar major projects in India.

## Road safety challenges

- Increasing number of vehicles on roads, resulting in congestions and delays
- Road accidents
- Lack of knowledge of alternate routes and congestion levels
- Difficulty in dispatching emergency services in traffic
- Motorists uninformed of road construction and repair works

## Solutions offered

- Set up of 161 3M Smart VMS displays across an area of 700km<sup>2</sup>
- Quick turnaround time of three months
- Multiple teams totaling almost 170 in 3M personnel were mobilised for this turnkey project

## Services provided by the 3M team

- Surveys and site finalisations
- Foundation laying
- Structure design and fabrication
- Commissioning
- Installations
- Manufacturing of the VMS
- Software customisation by 3M’s in-house software team
- Testing and integration with the Command and Control centre

## Case study snapshots



Motorists are informed of estimated arrival times to given destinations.



Real-time display of air quality information.

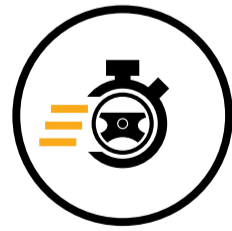


Tourism message being flashed to motorists.

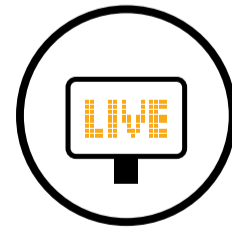
## Results



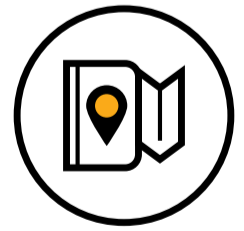
Smart empowerment of Pune City roads



Pune motorists updated of congestions and alternate routes, thus reducing their travel times



A single platform to disseminate government information in real time to the public



Improved city tourism branding

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