# Integrated Command and Control Centre- Smart cities

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**About Integrated Command and Control Centre**

- Smart Cities of Pune, Surat, Bengaluru and Tumkur are using the Integrated data dashboards, developed by the data analysts and data experts working with their ICCCs (also functioning as COVID-19 War Rooms in many cities) to provide up-to-date information about the status of Coronavirus in different administrative zones of their cities.
- Pune Smart City Development Corporation Limited (PSCDCL) has collaborated with Pune Municipal Corporation (PMC) to develop an Integrated data dashboard in the city's efforts to fight the global pandemic of Coronavirus.
- Surat Municipal Corporation has published an online dashboard on its municipal website to provide regular updates to the citizens.
- Leveraging the COVID-19 dashboard, the war room of Bruhat Bengaluru Mahanagara Palike (BBMP) the Municipal Corporation of Bengaluru publishes a daily bulletin on trends in the spread of Coronavirus.

**Key Features:**

Leveraging Most advanced Cloud infrastructure vs Building captive City Data Centre

- Pay as you Grow and Pay as you Use model – Evolution from Capital investments
- City Data Analytics Platform, Leverage Machine learning and Artificial Intelligence tools
- Breaking silos of city operations- City applications data need to be integrated with each other for better planning, operations and cost economics

- Data Scientists for Evolving new Smart City Use cases
- Most advanced Cyber safety practices –Critical factor
- Sub-Contracting -The bidder would not be allowed to subcontract / outsource work, except for the following:
    - Cloud Service Provider (CSP)
    - Fiber optic network build, other cabling and fixtures work, and all civil work during implementation
    - Facility Management & Physical Security Staff at Command Control Center & City Operation
    - Center
    - Non – Technical Manpower (Facilities Management and Physical Security) during O&M Phase
- Substantial cost reduction in Total cost of ownership over 5 years through
    - Pay as you grow vs Capital expenditure for upfront capacity
    - Aggregating 7 cities needs vs individual cities
    - Competition enhanced on account scale
- Ready platform to onboard new cities- No delays on account build out of data centre infrastructure- 12 months+
- Uniformity across all the cities in state
- Best in class selection of Cloud service providers, System integrators and City digital platform providers
- World class practices of Data center operations, Highest availability SLAs