

# How Smart Solutions Work for Smart Cities?

Before introducing Smart Solutions, we need to understand what a smart city means?

A smart city symbolizes to a cosmopolitan city where digital solutions (such as IoT technology) are used to improve the quality of citizens' life and maintain the city's resources & assets. People are moving to cities, and cities are rapidly changing. Thus, it needs to be more intelligent and more innovative.

Urban planners aim to improve the entire urban ecosystem to fulfil the citizens' needs, represented by the four columns of development – physical, institutional, social, and economic infrastructure. Cities can work towards building such ample infrastructure profoundly, adding to the levels of smartness. Under the smart cities mission, 5924+ projects have been tendered so far, seeking to improve the quality of life in 100 cities in India.

## Elements of Smart Cities

A smart city facilitates an augmented delivery of services to citizens with less cost and infrastructure. The idea behind making a smart city is to deploy, develop, and promote sustainable development practices to resolve the growing problems associated with urbanization. The development of Smart Cities is a step in the direction of growth. The core elements of smart cities infrastructure include:

- Applying Smart Solutions to the services and infrastructure
- Sustainable and clean environment
- Ample water supply
- Smart Governance
- Smart Education and Health
- Digitalization
- Strong IT Connectivity
- Housing and inclusiveness

**Comprehensive development in this direction will definitely refine the life quality, enhance income for all, create employment, especially for the poor.**

# What Smart Solutions, Smart Cities Include

Smart Solutions are business positionings focused on life quality. A Smart Solution determines the merging of advanced technologies, both in terms of software and hardware (Internet of Things (IoT)). IoT is a predominant technology used to build smart cities and provide smart solutions like controlling air pollutions, lighting control, parking management, etc. The Smart solutions to manage a smart city is comprised of a few domains, such as

- Smart Lights
- Smart Grids or Utilities
- Smart Parking, Traffic system
- Smart institutes, events, and others

A smart city deploys a network of IoT app and sensors to communicate via a high-speed connection and provide smart solutions. Improving citizens' health, saving time, improving public resources, providing sustainable living, and decreasing the cost of living are the best examples of smart solutions and well-maintained using IoT and other digital technologies.

## Opt for Smart Solutions by i-Telemetry

By combining big data with internet of things, it is possible to acquire consequential or crucial knowledge from devices that help in contributing to cost optimization and enhancing the company process. i-Telemetry offers seamless and customized integration of Informational Technology (I.T.) and Operational Technology (O.T.) services, providing your business with a complete industrial automation solution. I-Telemetry uses a technology-agnostic approach to develop innovative solutions that fit to the business objective.

We, at i-Telemetry, help cities and towns use IoT and other digital technologies to develop and flourish. The primary approach of i-Telemetry team is to help preserve the quality of life by managing the pressures of a growing city population creates. So, get in touch with i-Telemetry team and achieve your specific business objectives.

