



Energasia Smart Poles



We bring IoT to the citizens

Energasia Smart Poles Pvt Ltd is an IP 1 licensed, ISO 9001:2015 & 14001:2015 certified company, and a leading player in smart poles and integrated smart elements markets both in India and Europe. We offer customized turnkey solutions - manufacturing, installation and O&M services for both telecom and non-telecom grade (smart) street lights, and other smart elements. We also provide software development and maintenance services for the integration of smart elements, smart city applications for citizens, unified dashboards and integrated command & control centre setup and management services across India and Europe.

Energasia Smart Poles provides end-to-end telecom services for large and complex projects. We provide services for site location, design, execution and maintenance of infrastructure for telecom network operators. We are one of the few companies in India that offer sites with complete passive infrastructure to Mobile Communication operators, on Build- Own-Lease model (BOL) basis.

Energasia has partnered with world global technology leaders in France, Japan, Switzerland, Sweden, among others to offer a comprehensive end-to-end solution for smart cities including operation and maintenance of these services over the long concession period as a whole solution.

Energasia has also been developing business processes for creating cost-effective solutions for Smart Cities in India. In our quest to be the pioneer in this field, we have designed a solution for a wireless Smart Street Communication System (SSCS) that can seamlessly integrate with street infrastructures like streetlights, waste bins, traffic signals, bus shelter and indoor infrastructure to wirelessly collect and transmit any kind of data bi-directionally. Such data collected can be used to analyze, and activate controllers to perform desired functions.



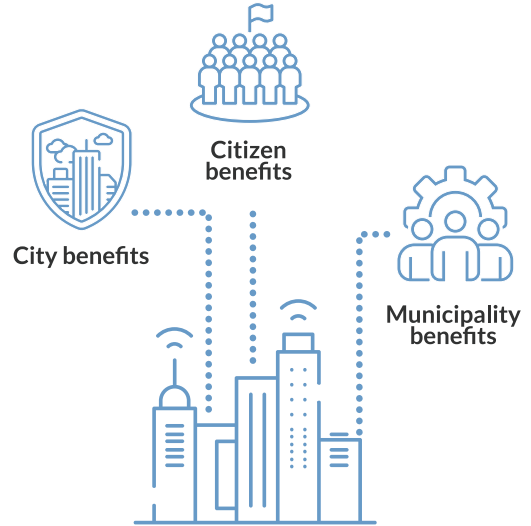


Putting the ‘Smart’ in ‘Smart City’

A Smart City would be the one that facilitates the benefits to the city, the citizens and the municipality by the use of smart and advanced technologies.

THE CHALLENGE

- A Smart City needs “A Communication Backbone” to operate.
- Developing this communication backbone from scratch is immensely expensive and has many operational issues like, right of way, ownership and other related parameters.
- The Challenge is therefore, to find a cost and time effective way to enable set up smart city communication backbone quickly and at low cost
- This creates Additional Revenues for the Municipal corporation

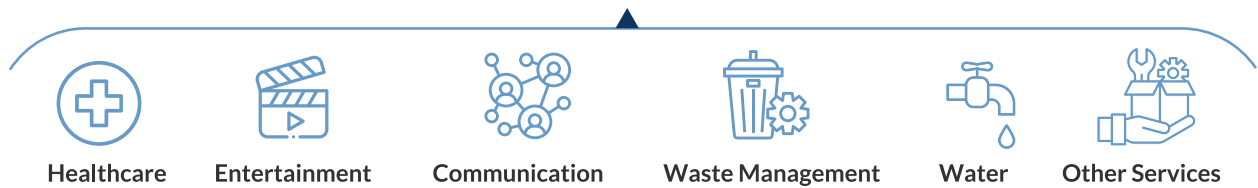


THE SOLUTION

A cost effective system that can bring the Monitoring, Control and Commerce (where applicable) of all these services to a single unified platform which will then create a suite of essential services.



Our core communication & open ended data management system



Such system in smart cities will enable both the citizens and the service providers to meet their common goals.



MUNICIPALITY BENEFITS

- Street Light upgradation to LED lights
- Refurbishment of all lighting infrastructure
- CCMS system deployment
- CCTV cameras
- Savings on the existing energy spends upto 50%
- Unified e-governance of utility services
- The system is future proof



Existing infrastructure gets an upgrade which is future-ready

The city retains its character, yet adds to it and becomes the focus of improved trade and tourism



CITY BENEFITS

- Ensures basic infrastructure and sanitation.
- Promotes Public transport
- Enable green walkways open spaces for walking, cycling & others.
- Capacity building
- Improved aesthetics through beautiful and pleasing lighting
- City becomes a tourist attraction
- City will gain global recognition for such an advanced project
- City will benefit from improved trade and commerce
- On time revenue collection for Municipal and allied services

CITIZEN BENEFITS

- High quality core infrastructure
- Application of Smart solutions for better services.
- Enhanced quality of living
- Improved safety and security of women, children and senior citizens
- Improved wide area mobile & Wi-Fi Connectivity
- Transparent E-Governance
- Drives economic growth benefiting all sections
- Promotes clean & sustainable environment



Instil a sense of pride, community, warmth and well being among the citizens

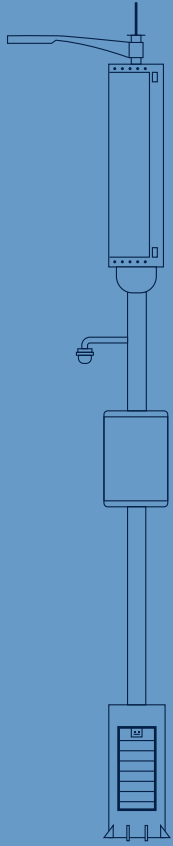
Our Smart City solutions will help make Digital India, Swachh Bharat and the concept of Smart City, a dream come true.





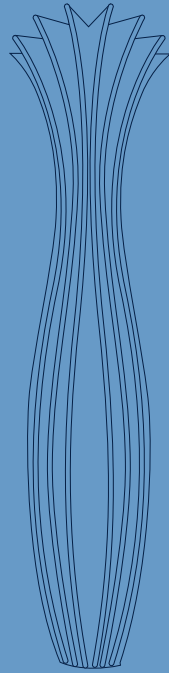
Our Products

Smart City hardware (street furniture)

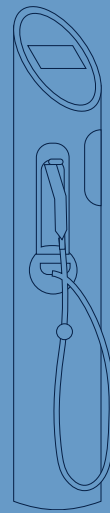


Smart Poles

Street light poles
upto ht of 12m



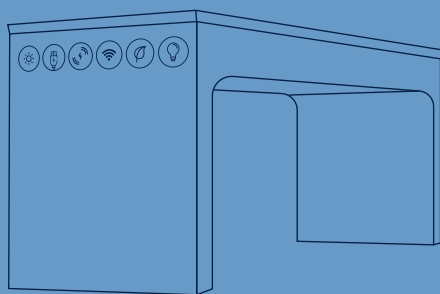
Decorative
light pole



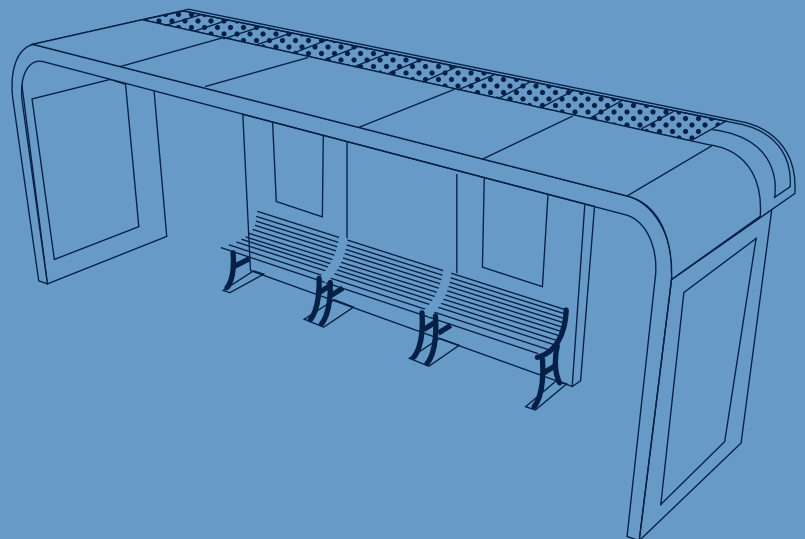
Electric charging
stations



Digital display
panels



Solar Powered
Smart Bench



Smart Bus stops

Smart Pole

A Smart Pole is an integrated street light solution designed for exclusively smart cities, smart housing societies and smart buildings, The integrated features includes smart energy efficient LED lighting, telecom equipment, public Wi-Fi, CCTV cameras, air quality monitoring, city asset management, accident detection and reporting, vehicular speed detection, number plate and face recognition, crime monitoring and detection, emergency reporting services to report crime, accidents and calamities in real time. We also provide over ground and underground cabinet solutions for storing equipment based on space availability and client needs.

