



# Wipro's Smart City

Unleash the power of  
connected everything



A smart city is all about making smart use of digital technologies to improve quality of life with better environment to live and ensure sustainable growth.

A smart city is all about secure and efficient spaces with good governance, easy access to essential (health and human) services, excellent infrastructure, seamless communication and effective disaster management.

## Wipro Smart City Play

The key industry and service sectors for smart cities includes:





### Emergency response management

- Incident classification
- Resource & inventory mapping
- Trigger response pan
- Incident communication
- SOP
- Workflow and access & permission management
- Root-cause evaluation



### Smart health

- Wearable medical devices
- Centralized monitoring application
- Patient, device & service management with in-built analytics integrated with physician application



### Smart transportation

- Integrated traffic management solution
- Red light violation detection
- Automatic number plate recognition
- Vehicle classification
- Vehicle tracking
- Toll management
- Automatic fare collection
- Multi-model journey planner



### Smart utility management

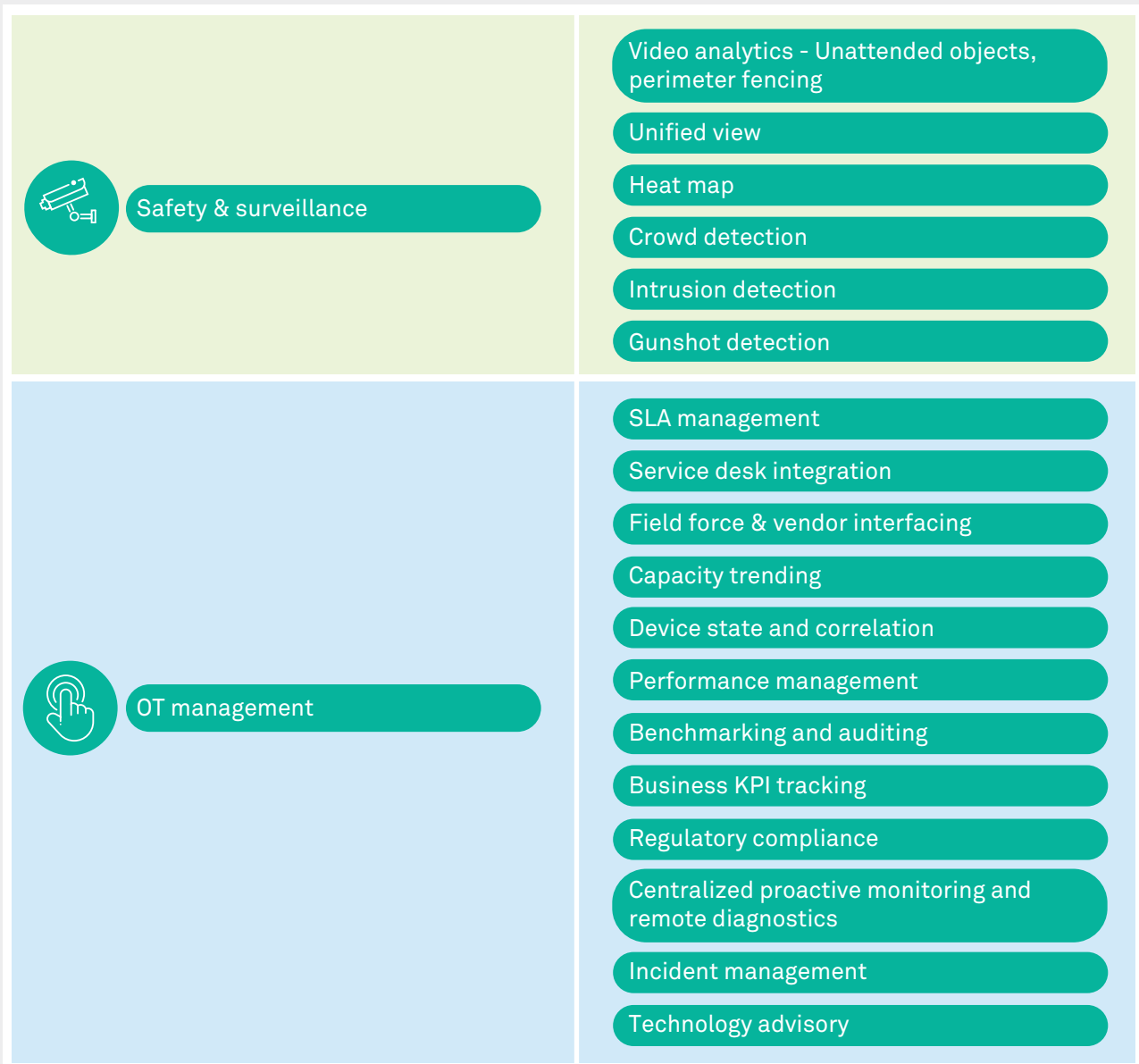
- Water and energy metering**
- Consumption mapping
- Leakage tracking
- Performance benchmarking
- Infrastructure usage



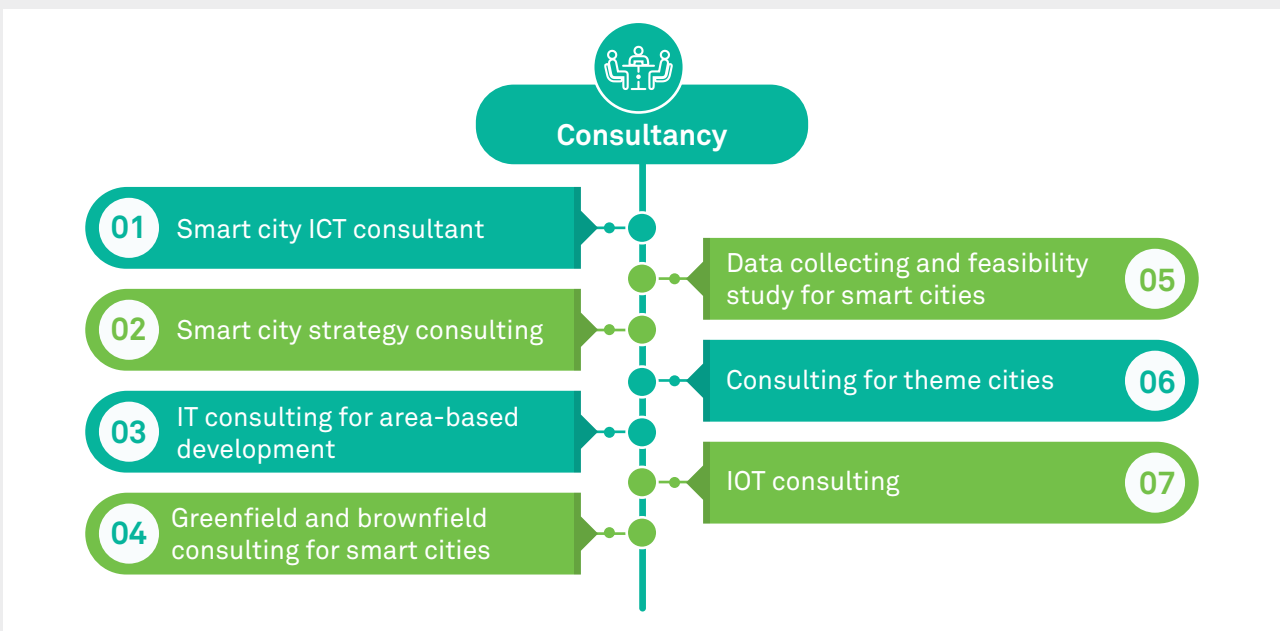
### Analytics

- Social media analytics
- Video analytics
- Statistical analytics
- Forensic analytics
- Historical analytics
- Pattern analytics
- Edge analytics





### Engagement Model



## Project Management



Project management



Program governance



Monitoring project performance, quality, time, resources

## System Integration



Smart city implementation



IOT and smart solution implementation master system integrator

## Operation & Maintenance



Remote monitoring



Service desk integration



Field-force monitoring



Remote diagnostics

## Subcontracting Assignments



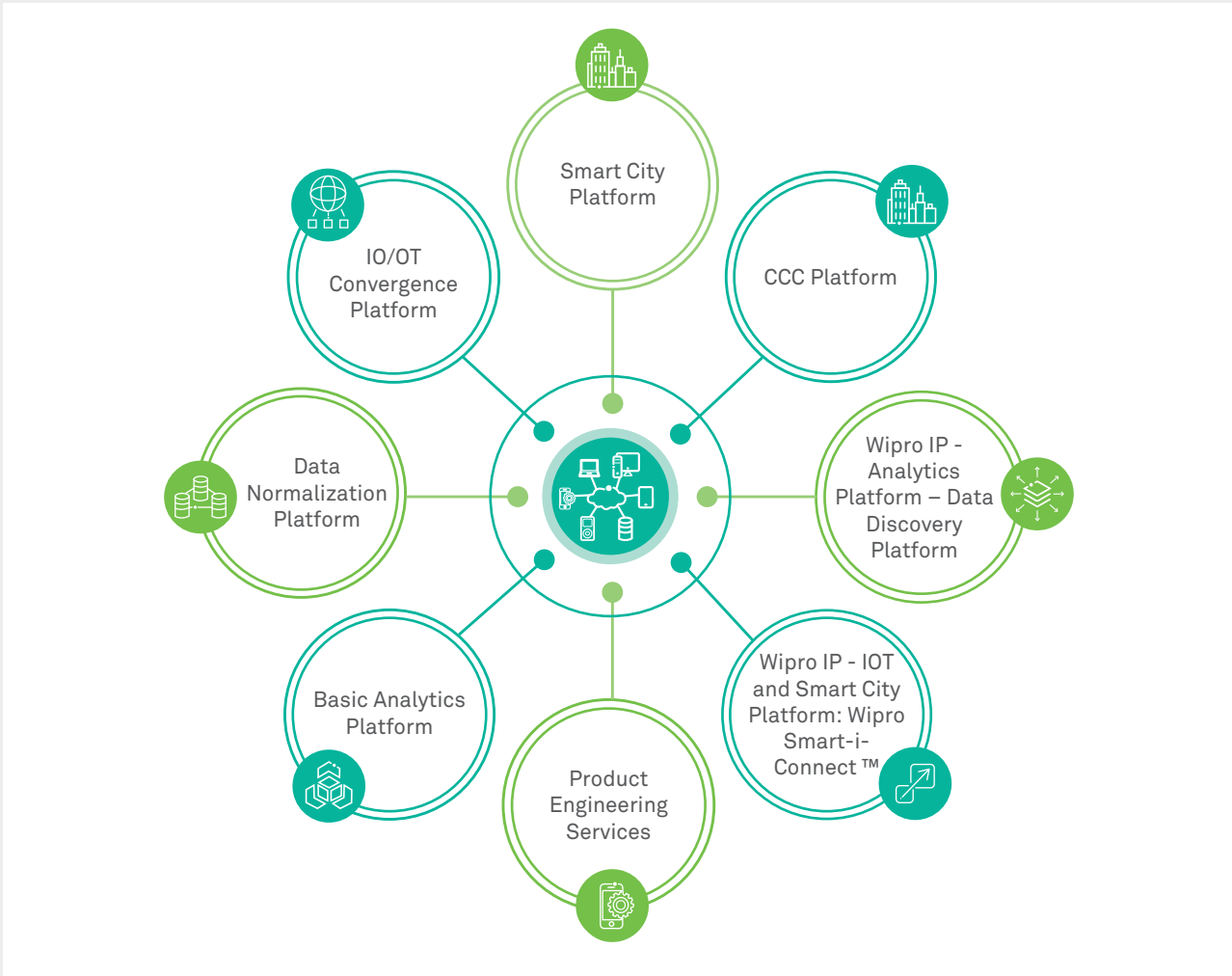
Subcontracting for ICT tracks for IOT and smart city projects



Subcontracting for consultancy projects



## IOT Platform Capabilities

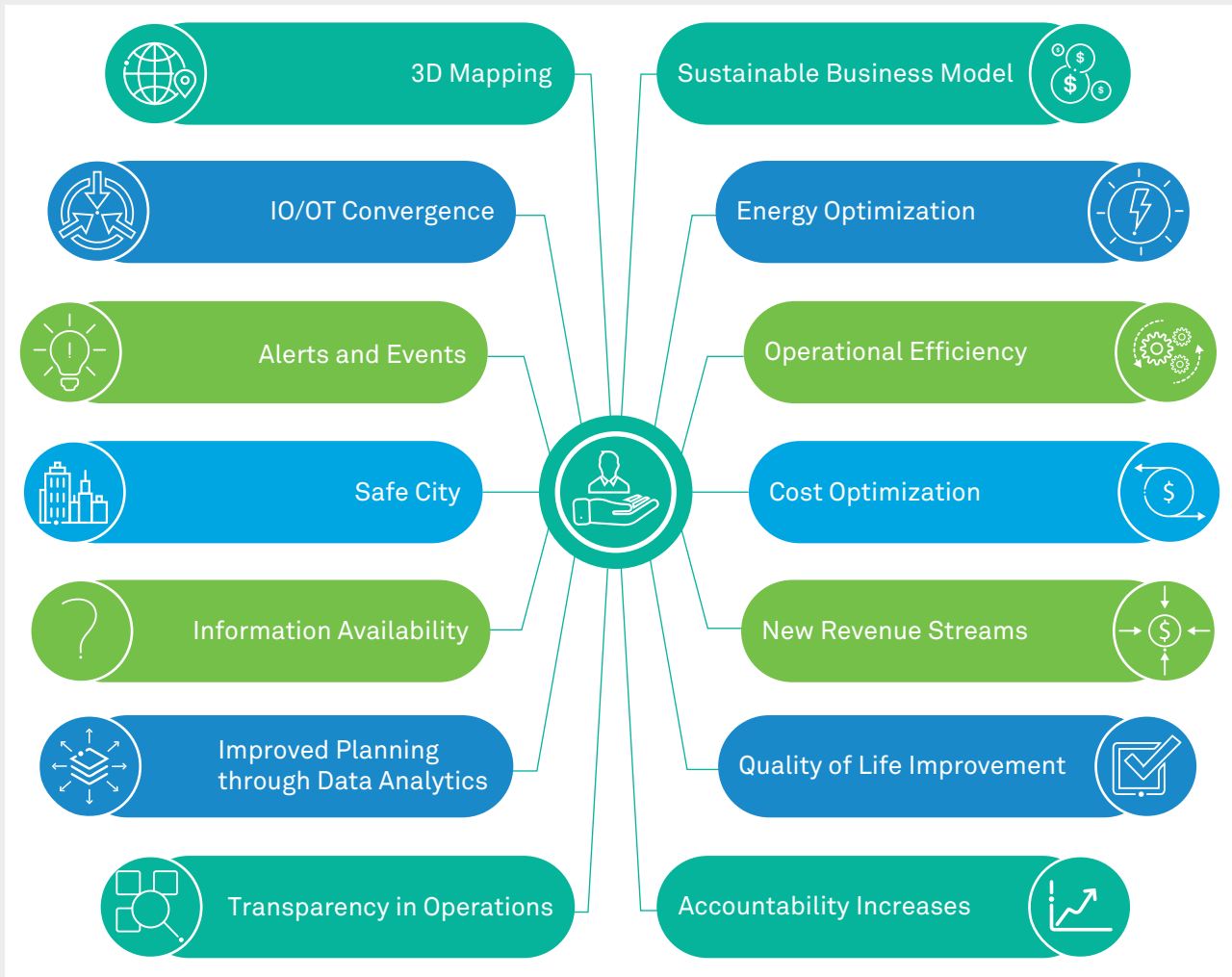


## OEM Partnership

1. Leading IOT platform providers like: Ocean connect, Lumada, AWS, Azure, Google, Cisco, IBM, Living PlanIT, etc.
2. Leading IBMS platform connects: Honeywell, Johnsons Control, Schneider, etc.
3. Leading video Analytics: AllGoVision, iOmniscient, Qognify, Hitachi VA, etc.
4. Leading Gateways & controllers OEM like: HP, Dell, Aeon, Advantech, Intel, etc.
5. Leading Analytics platform: GE predix, Pentaho, Azure, AWS, etc.
6. Leading cloud providers: AWZ, Google, Azure, Cloud 4 C, Oracle, etc.



## Benefits



### Success stories of Wipro in Smart City related cases

Largest water utility of UK, serving London and Thames has achieved over 32% savings in operational expenditure from the solutions implemented by Wipro. A success story referred by Gartner as a best practice.

Consulting for one of the largest upcoming greenfield industrial cities in India. Requirement study, design, benchmarking, project management for implementation and support for complete ICT and automation systems.



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