



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



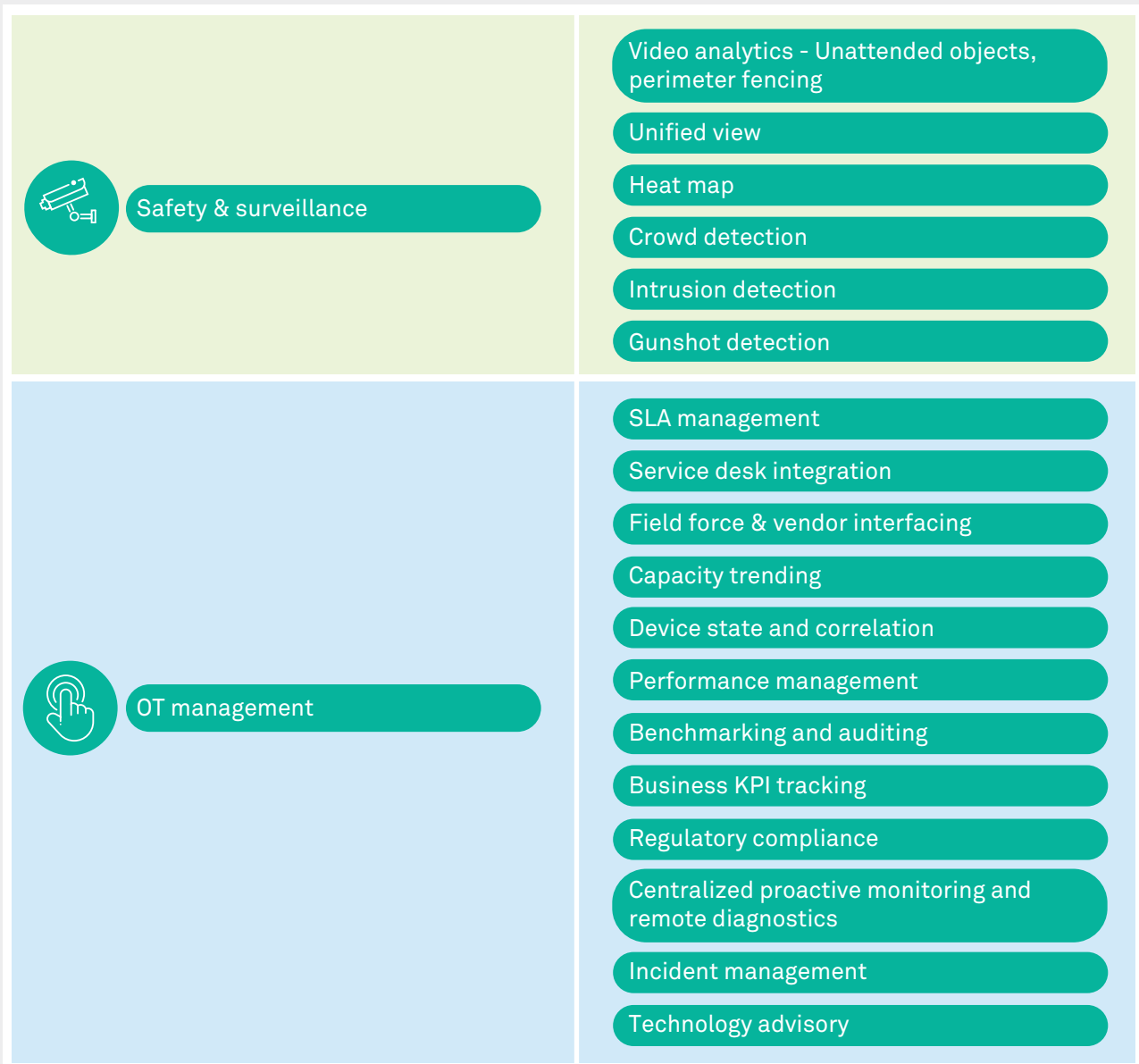
Smart utility management

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

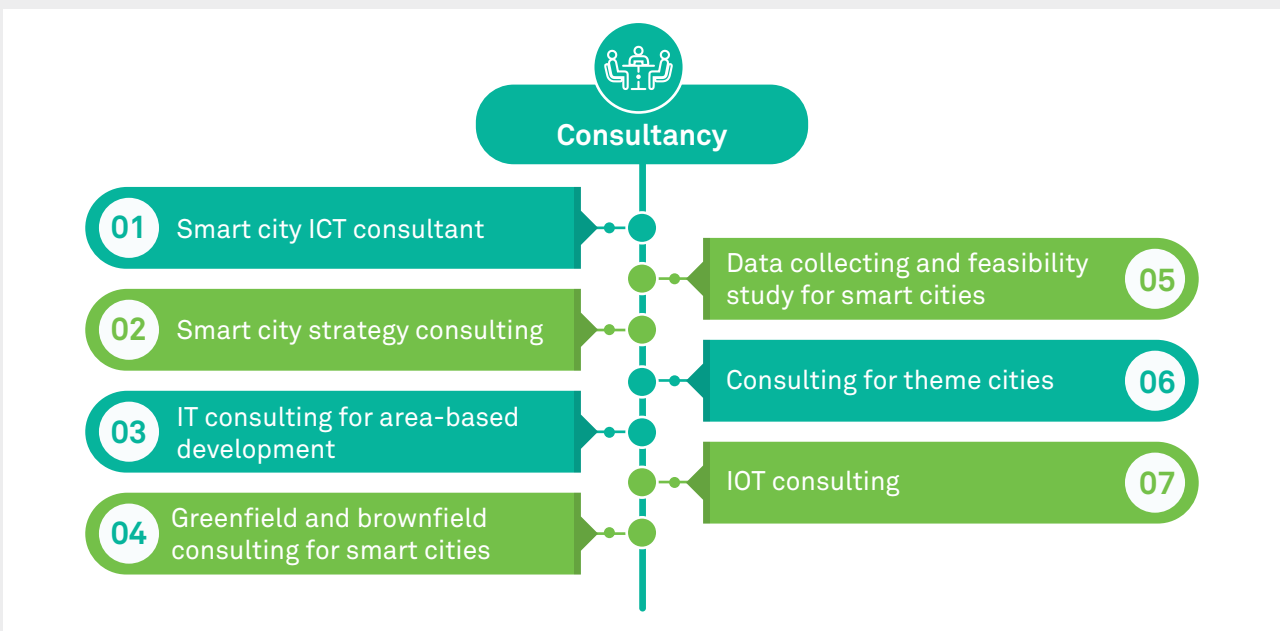


Analytics

- 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



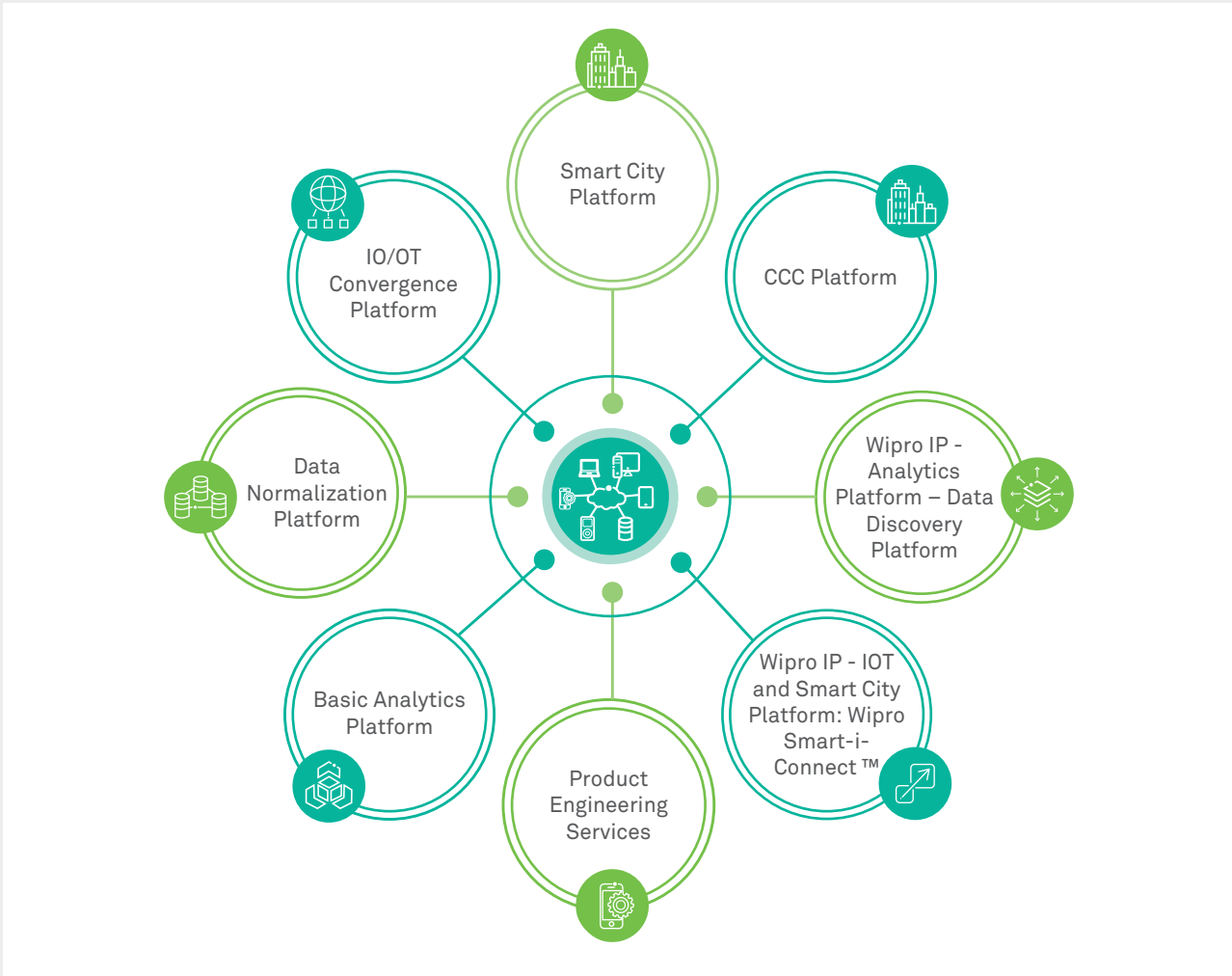
Subcontracting for ICT tracks for IOT and smart city projects



Subcontracting for consultancy projects



IOT Platform Capabilities

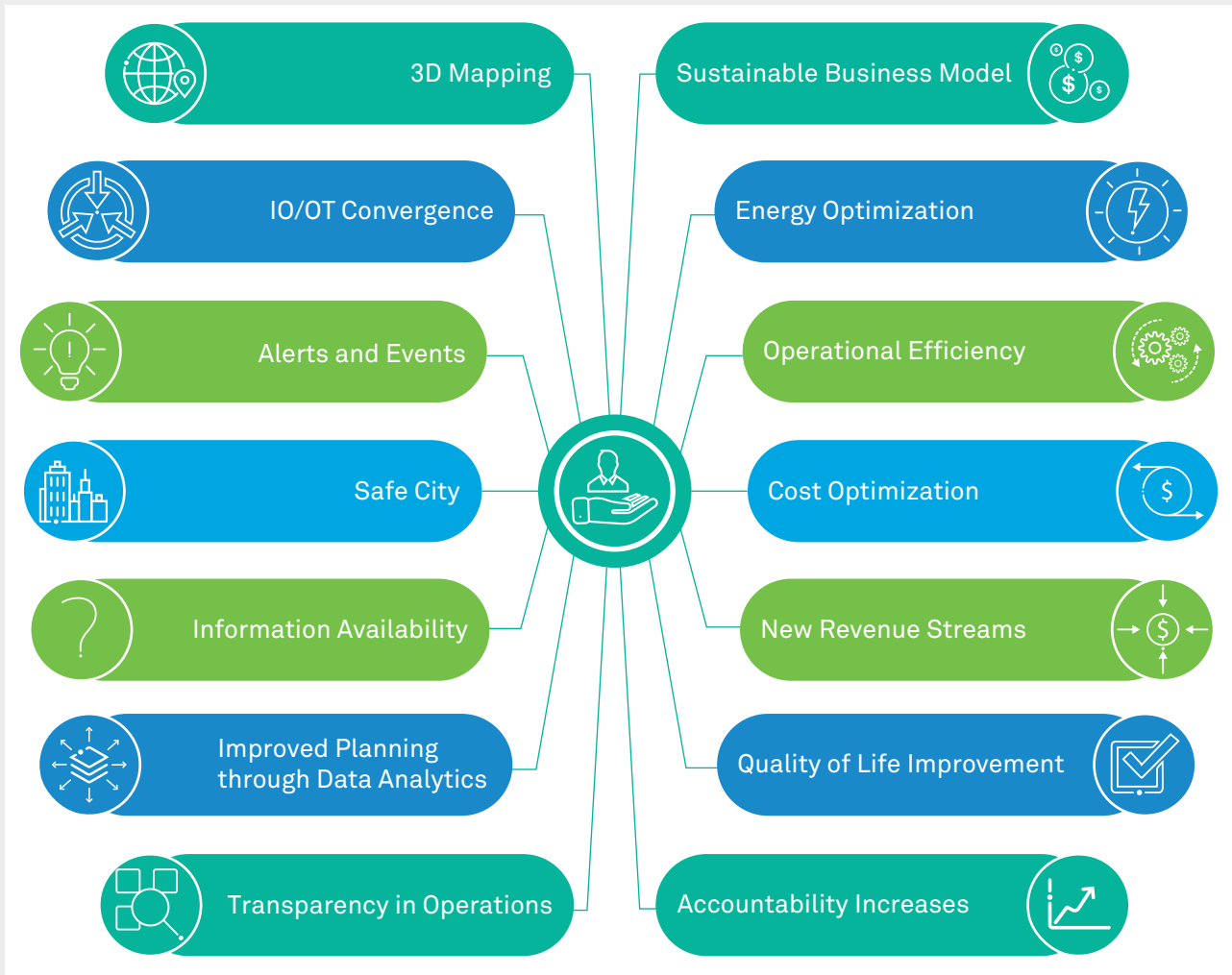


OEM Partnership

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.



Wipro Limited

Doddakannelli, Sarjapur Road,
Bangalore-560 035,
India

Tel: +91 (80) 2844 0011

Fax: +91 (80) 2844 0256

wipro.com

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For more information,
please write to us at
info@wipro.com

