

CYIENT



BUILDING RESILIENT AND SUSTAINABLE CITIES

Leverage the right solutions to create a comprehensive ecosystem that facilitates smarter living



Rapid urbanization has led to an increased reliance on a city's ability to seamlessly deliver vital urban services such as energy, transportation, water, sanitation, safety, housing, and other public needs. Globally, governments are tapping into the power of information and communication technologies (ICT) to make these services more interconnected and intelligent, and by extension, enable infrastructures to increase economic viability, enhance environmental sustainability, and improve quality of living.

For over 25 years, Cyient has built competencies in providing geospatial, ICT, and IT-enabled services across utilities, telecommunications, and governance. Cyient's credibility in service management and assurance, data management, and analytics is well acknowledged and highly credible. We have invested in developing innovative Internet of Things (IoT)-based solutions for asset management and mobile workforce management that add value to urban subsystems.

Building on these capabilities, Cyient has evolved a solution ecosystem to deliver interoperable and standards-compliant solutions for smart governance, smart energy, and smart communications.

Smart Energy

Cyient is a recognized leader in providing Smart Grid solutions and has world-class experience in implementing and integrating Supervisory Control & Data Acquisition (SCADA), Advanced Distribution Management System (ADMS), Outage Management System (OMS), and Advanced Metering Infrastructure (AMI). Our IoT expertise facilitates efficiently managed smart street lighting solutions.

Smart Governance

Cyient smart governance solutions are customized to improve citizen services such as tax and property, building permissions, and emergency services. Cyient's 3D spatial data solutions facilitate visualizing, analyzing, and informed decision making. Cyient's enterprise solution integrates with existing GIS-MIS, legacy, and ERP systems from different departments to facilitate a higher degree of automation, coordination, and transparency across the city.

Smart Communications

Cyient is a world leader in providing efficient planning and design of networks on fiber, copper, HFC, and Wi-Fi to improve connectivity within a city. Our surveillance management solution monitors and manages surveillance components and improves incident workflow and problem management for the safety and security of the citizens.

CYIENT CAPABILITIES: QUICK FACTS

4+mn

person days of GIS and IT implementation

2+mn

person days of experience in utility distribution infrastructure solutions

1+mn

buildings 3D modelled across the globe

15k+

miles of fiber cable planned and designed

65+mn

road network elements captured and analyzed

200+

airports mapped and modeled

50k+

properties mapped and managed to render citizen services

CYIENT SOLUTIONS FOR SMART CITIES

Smart Governance

- Spatial Data Solutions (aerial, unmanned and satellite sensors)
- 3D Solutions for Urban Planning, Infrastructure Management
- Enterprise Solutions for Improved City Services (traffic, emergency management, safety and security, tax and property)
- IoT Solutions for Agriculture, Environment, Asset, Command Control Centres

Smart Energy

- Grid Solutions
- IoT Solutions for Street Lighting, Metering, SCADA

Smart Communications

- Network Plan and Design (fiber, copper, HFC, Wi-Fi)
- Solutions for Surveillance Management
- IoT Solutions for Assured Network Reliability



Cyient Capabilities Across Verticals



About Cyient

Cyient (Estd: 1991, NSE: CYIENT) provides engineering, manufacturing, geospatial, networks, and operations management services to global industry leaders. We leverage the power of digital technology and advanced analytics capabilities, along with domain knowledge and technical expertise, to solve complex business problems. As a Design, Build, and Maintain partner, we take solution ownership across the value chain to help our clients focus on their core, innovate, and stay ahead of the curve.

Relationships lie at the heart of how we work. With more than 15,000 employees in 22 countries, we partner with clients to operate as part of their extended team, in ways that best suit their organization's culture and requirements. Our industry focus spans aerospace and defense, medical, telecommunications, rail transportation, semiconductor, utilities, industrial, energy and natural resources.

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