

CONNECTED PREDICTIVE SUSTAINABLE

Cyient's smart city solutions align with Germany's MPSC vision to build resilient and citizen-focused urban futures.



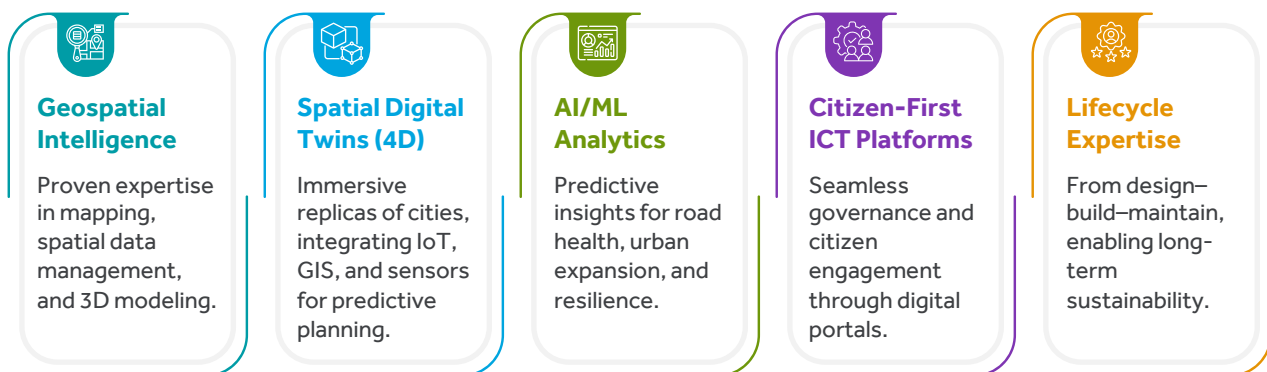
Shaping Resilient and Citizen-First Cities

By 2050, seven in ten people will live in cities. In Germany and across Europe, urban growth is colliding with climate goals and citizen expectations. Cities face fragmented systems, rising congestion and emissions, costly manual surveys, weak land-use enforcement, and mounting pressure to decarbonize.

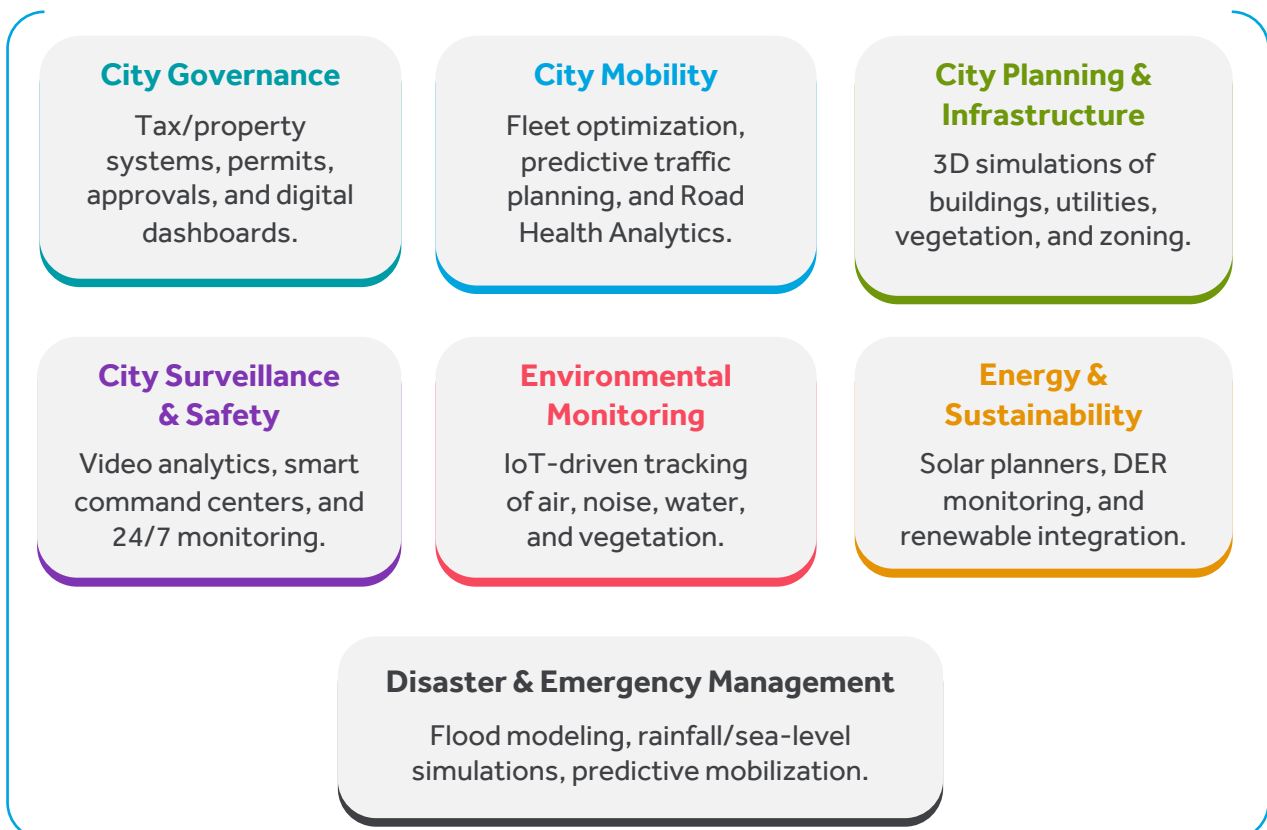
The effects: higher costs, slower decisions, and frustrated citizens who demand speed, transparency, and sustainability.

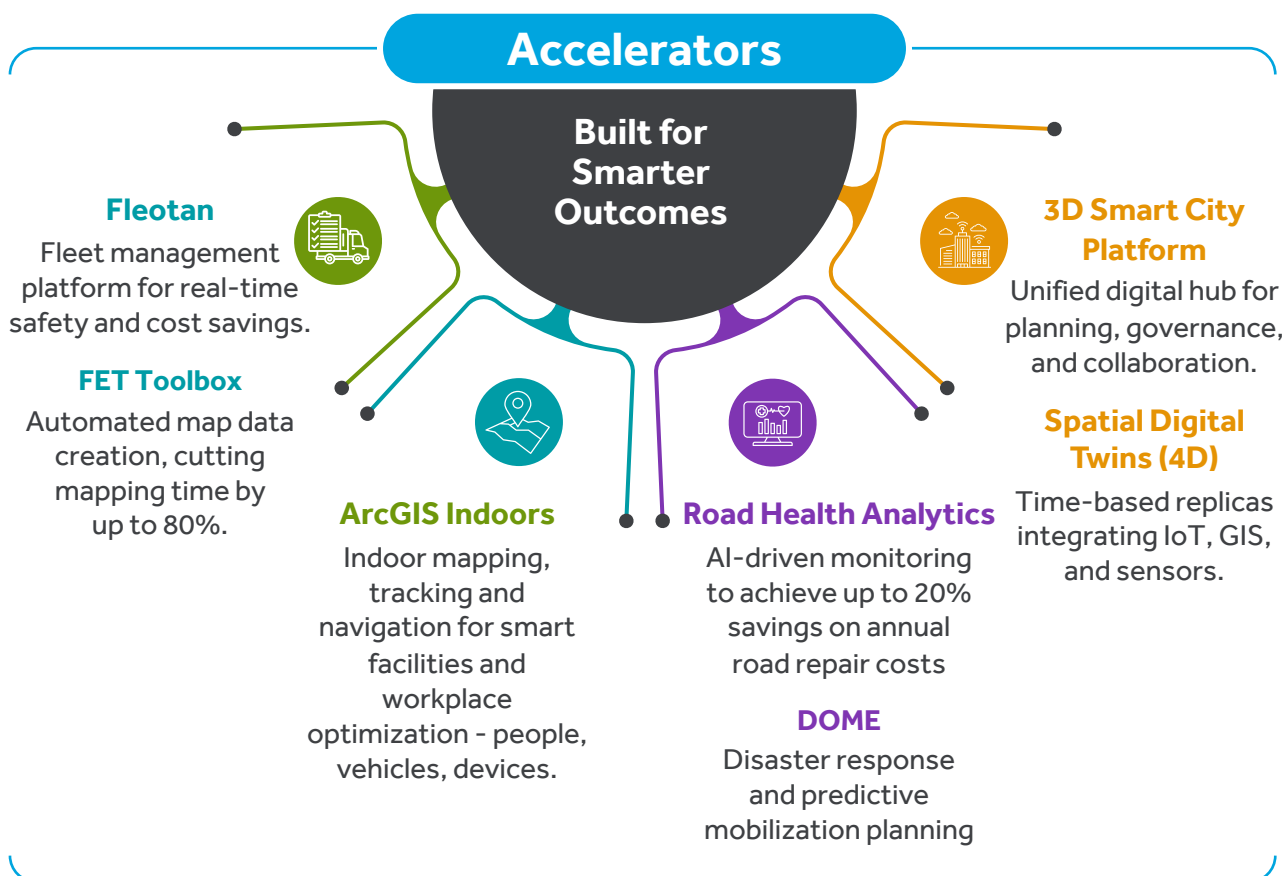
Our Capabilities: How We Deliver

Cyient unites geospatial intelligence, digital platforms, and AI/ML into a connected spectrum of capabilities.



Our Service Offerings: What We Deliver





Proven Use Cases

Urban Management

- **Warangal, India:** Multi-agency 3D Smart City Platform improving planning and heritage management.
- **Sejong, South Korea:** IoT-enabled air quality and occupancy monitoring with 3D Smart City Platform.

Disaster & Resilience

- **St. Louis, USA:** Flood modeling and inundation mapping for emergency management.
- **DOMÉ:** Proactive disaster management that reduces mobilization costs and restores services faster.

Infrastructure & Environment

- **Urban Expansion Monitoring:** Automated detection of new buildings, roads, and zoning shifts.
- **Illegal Construction Detection:** AI-enabled encroachment monitoring with evidence-based reporting.

- **Seasonal & Yearly Change Detection:** Vegetation, water body, and land-use trends visualized through dashboards.
- **Decarbonization Tracking:** Tree canopy and biomass monitoring to quantify carbon sequestration.

Mobility & Safety

- **Road Health Analytics:** Predictive maintenance with 20% lower repair costs and fewer accidents.
- **Fleotan:** Smart fleet management with real-time driver safety alerts.

Energy & Sustainability

- **Solar Planners:** Optimization of rooftop and community solar adoption.
- **Data Aggregation with TomTom:** Forecasting, DER monitoring, and grid optimization.

Indoor Smart Spaces

- **ArcGIS Indoors:** Indoor navigation and facility management for smart campuses and urban assets.

Why Cyient Smart Cities: Proof That Speaks

20% Savings

in road repair spend
with Road Health
Analytics

5–10% SLA cost enforcement

with automated
monitoring.

6× Faster mapping

(126 sq. km mapped in 6 hrs
vs 40 hrs manually with
FET Toolbox).

Real-time IoT monitoring

for air quality, water,
and green cover.

Data aggregation

enabling energy forecasting,
voltage profiling, and
renewable integration.

Global success stories

in India, USA, South Korea, and
Europe, now aligned with
Germany's Smart Cities vision.

Strategic Alignment with Germany

Germany is advancing its **Model Projects Smart Cities (MPSC)** program under BMW SB, supported by the **Coordination and Transfer Centre (KTS)** and **BBSR research**. Cyient aligns with this agenda through:



Citizen-first services

Engaging communities
through digital governance.



Collaboration-first approach

Partnering with governments,
businesses, and research.



Sustainability focus

Enabling decarbonization
tracking and green cover
monitoring.



Scalability

From pilot projects to
national rollouts, supported
by global expertise.

With Cyient, German cities can **connect, predict, and adapt**, building smarter, safer, and more sustainable futures.

cyient.com

Cyient (Estd: 1991, NSE: CYIENT) delivers intelligent engineering solutions across products, plants, and networks for over 300 global customers, including 30% of the top 100 global innovators. As a company, Cyient is committed to designing a culturally inclusive, socially responsible, and environmentally sustainable tomorrow together with our stakeholders.

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