Smart City Strategy and Roadmap

A "SMART CITY" IS A SUSTAINABLE AND FUTURE-READY COMMUNITY THAT LEVERAGES SMART TECHNOLOGIES AND DATA TO ANTICIPATE AND RESPOND TO THE NEEDS OF ITS CONSTITUENTS, AND CREATE SOCIAL, ENVIRONMENTAL, AND ECONOMIC BENEFITS FOR EVERYONE INVOLVED.

Our world is becoming more digital—parking systems, lighting, heating, security, wayfinding, electric vehicles, wireless access points, media and audio visuals, etc.—and data generated from these devices can be leveraged to **create value and experiences for citizens, businesses, and visitors**. The digitization of our communities and the use of data and analytics will benefit our future places:

- Improved environmental sustainability and reduced carbon footprint
- Promotes health and wellness
- Improved building performance and space utilization

- Reduced capital and operating costs
- Enhanced user experiences and services
- Improved safety and security of people, infrastructure, and data
- Informed insights for better decision making

Unlocking the value of connected and intelligent systems requires a strategic and intentional approach and a digital mindset. Communities that embrace smart technologies and data as part of their DNA will **create environmental, economic, and social value** and catalyze the changing way we live, work, learn, and play in the 21st Century.

Smart City Strategy and Roadmap

Our team can help shape the strategy to unlock the value of a digital future and create future-ready experiences and services. This journey includes five distinct steps:

1 — EXPECTATIONS AND OUTCOMES
Define and provide clarity on **purpose and ambitions**.

2 — COLLABORATIVE ECO-SYSTEM
Create and engage **partnership** eco-systems that mobilize the combined knowledge of business, community, and citizen stakeholders.

3 — SMART GOVERNANCE
Establish and/or modernize **policies and regulations** to promote and enable innovation.

4 — DIGITAL INFRASTRUCTURE
Establish principles for a s**calable, open-access, and secure digital infrastructure.**

5 — SMART SOLUTIONS
Identify, prioritize, experiment, and implement relevant **smart solutions**.

Along this journey, Stantec's smart city services include:

- Assessment and review of your community's prior smart city initiatives—determining baseline and maturity
- Engagement with municipal staff, leadership, and community stakeholders—identifying outcomes and ensuring alignment and consensus
- Development of a comprehensive strategy document with foundational recommendations for a sustainable, scalable, and secure smart city roll-out.
- Preliminary assessment and prioritization of smart solutions— opportunities that will deliver outcomes and help achieve objectives
- Proposed sequencing of the recommendations and identifying possible funding opportunities to aid in the implementation—offering clear and tangible next steps

This service is designed for small- and mid-size municipalities, district developments, campus owners and operators, and land developers.

Through a roughly six-month exercise, we will help your community chart a path toward building a digitally-enabled, smarter community and infrastructure for future generations to come.

Why Stantec?
At the intersection of design, engineering, and technology, Stantec brings more than 60 years of experience to help the transformation of our communities and generate incremental value for everyone involved. Our unique ability to bring multi-disciplinary teams together in a collaborative manner enriches the digital transformation of our built environment and the outcomes for our communities.

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Communities that strategically and intentionally embrace digitization will unlock incremental and exponential value for all its constituents

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Stantec

CONTACT US

Contact us to discuss how we can help mobilize and accelerate your smart city journey, and for possible subsidy or funding opportunities.

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