

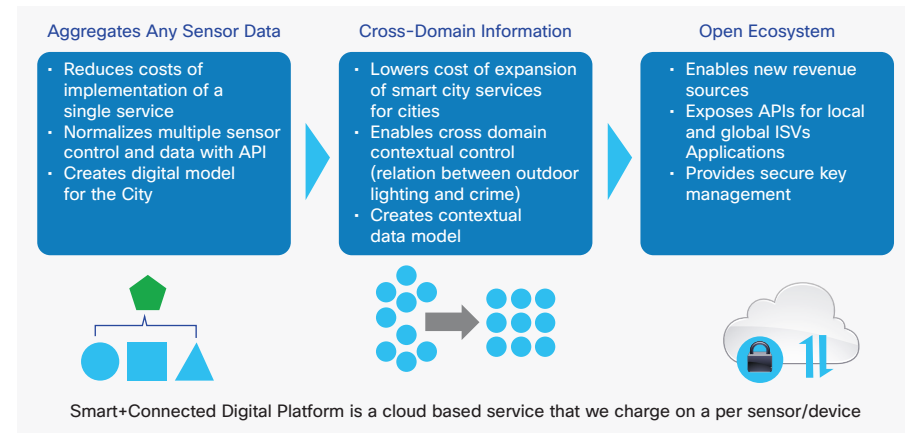
Cisco Smart+Connected Digital Platform



Benefits

- Provides a secure, open foundation layer that **improves operational effectiveness** by supporting the integration of multiple solutions, applications, and devices that combine to make a smart city solution architecture model
- **Ensures flexibility to customize and expand systems** by allowing the addition of solutions, applications, and devices as needed
- **Improves decision support and faster event response** by providing analytics to aggregate and normalize data captured by devices and sensors from multiple vendors, and correlates data contextually across agencies and sectors
- **Creates new employment and revenue opportunities** by helping to enable a marketplace for the development of global and local applications that can interoperate through secure APIs

Smart+Connected Digital Platform: What It Does



Increased City Safety and Operational Effectiveness

An expectant mother steps from the bus and begins her walk home from her night job. Suddenly she is struck with discomfort and realizes she is going into labor. There is no one else on the street, not another bus for an hour, and not even a taxi in sight. Scared, she presses the panic button on her city safety mobile phone app.

“The Smart+Connected Digital Platform will improve the livability, connectivity, efficiency and economic vitality of Kansas City in ways we cannot yet even imagine and for generations to come.”

– Sly James

Mayor, Kansas City, Missouri, USA

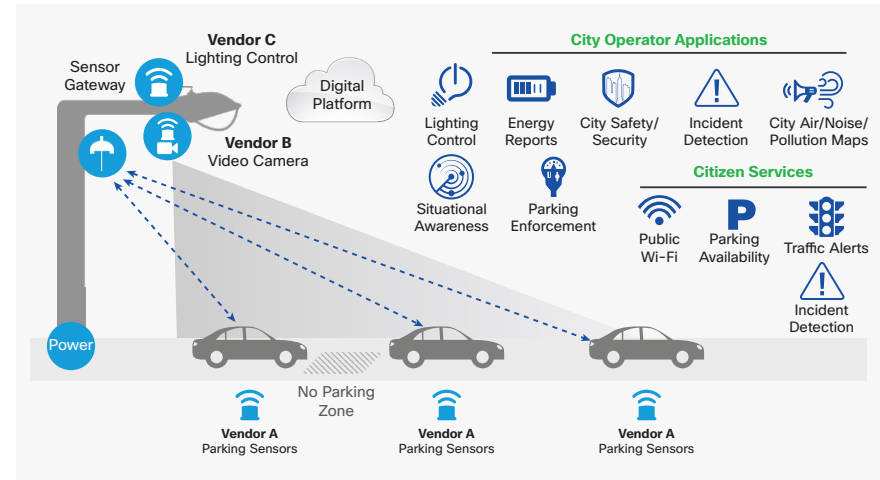
Within minutes a police patrol vehicle arrives, reassures her, and taps in to the agency side of the city safety app to escalate the case. Cameras in the region have already detected the incident and monitoring agencies, recognizing the incident as a medical emergency, alert the nearest hospital and coordinate with police to summon an ambulance.

Through a dedicated application, police officers are also able, to initiate a special street-lighting response a strobing effect of the area’s smart street lights to help guide the ambulance to the location and also alert any passersby that might emerge to steer clear. Control of traffic lights gets the ambulance through any congested areas, and any smart parking spots in the immediate area are removed from Available status to further reduce unnecessary traffic. The city’s central operations center is able to monitor the situation through its dashboard and can call additional resources, if necessary. But tonight, quick coordination across a single platform with a set of dedicated apps means that the police, the hospital, the ambulance and the area’s lighting systems all worked in concert to put this new mother’s concerns to rest, get her the care she needed, and helped ensure her child’s entry into the world would be a safe one.

This is an example of the Cisco Smart+Connected™ Digital Platform in action. Many such city operations can benefit from a comprehensive data-sharing infrastructure to increase safety, manage resources more effectively and deliver services where they are needed.

These services are being made smarter and more connected through Cisco Smart+Connected Communities™ solutions for lighting, parking, environment, safety and security, crowd control, urban transit, traffic, and operations centers are enhancing city livability and vitality.

Smart+Connected Digital Platform: How It Works



Reduces Service Implementation Costs and Risks of Expansion Plans

The Smart+Connected Digital Platform helps enable an open architecture that supports the integration of multiple solutions, applications, and sensors. The Cisco® solutions portfolio offers a new breed of robust and efficient urban services. The platform can effectively aggregate and analyze incoming data, provide correlated data as needed across domains—for example, flow density, emissions, and lighting data from cameras and sensors can be used by traffic and parking agencies and city planners.

We work closely with a select ecosystem of partners to help enable these solutions and services to bring unique Cisco expertise in data security and scaling.

The Smart+Connected Digital Platform is a key Cisco network-ready technology that cities can use to:

- Create innovative partnership models that can reduce outlay and risk when initiating and expanding smart city projects
- Help enable cross-domain, context-rich city asset management scenarios for lighting, parking, citizen engagement, safety, security, and more
- Inspire new revenue sources through application and device development, data analytics and modeling, and asset use optimization

The Smart+Connected Digital Platform is a pay-as-you-go cloud-hosted service that delivers a set of tools and guidelines for creating a smart city framework and an effective solutions portfolio for your city's priorities, requirements, and budget.

For More Information

For more information about Cisco Smart+Connected Digital Platform for Cities, visit cisco.com/go/smartconnectedcommunities.

