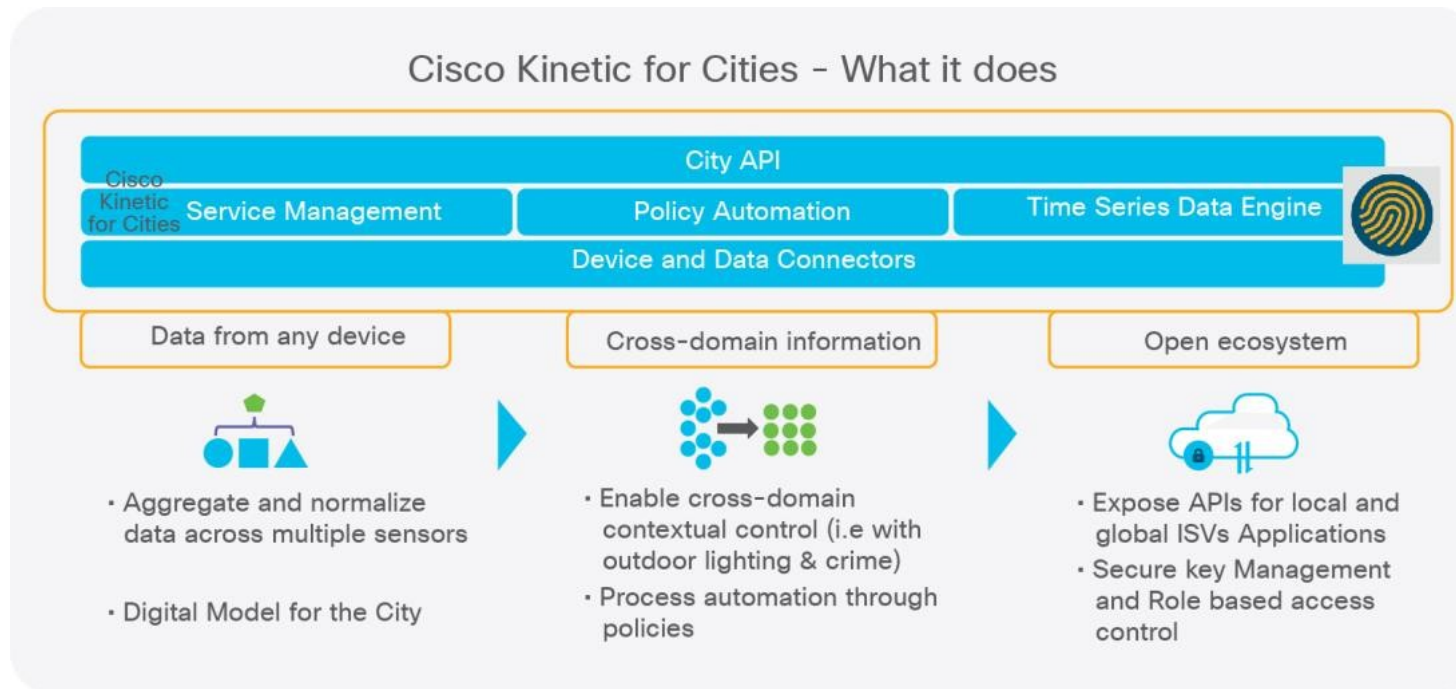ıllıılı
CISCO

Cisco Kinetic for Cities

Smart decisions make smart cities

An alarm goes off to wake an early riser for her morning jog. Before lacing up her shoes, she checks the air-quality alert on her smartphone app, which tells her that she can breathe easy this morning. Starting at a slow pace in the dark hours before dawn, she gains speed as the street begins to come to life and lights the way for her. Crossing through a park scene that could cause anxiety, this morning jogger knows that video surveillance is capturing and analyzing human behavior to keep her route safe. Looping back to return home, she sees trucks sporadically collecting trash from bins throughout the city. No mistake here, though. These drivers known exactly which bins are at capacity and ready for pickup, avoiding time wasted on collecting nearly empty containers.

Benefits

- Unlock data from the source, and gain a secure platform to capture and transform disparate data insights for faster decision-making and greater cost-effectiveness

- Customize and grow based on unique goals, with simplified and seamless inclusion of new solutions, applications, and devices as needed

- Learn from city data to improve both near-term and long-term livability, economic viability, and environmental sustainability

- Cash in on the value of data with an urban service marketplace that develops unprecedented revenue and employment opportunities

Cisco Kinetic for Cities: What it does

Cisco Kinetic for Cities – What it does

	City API	
Cisco Kinetic for Cities	Service Management	Policy Automation	Time Series Data Engine
	Device and Data Connectors	

Data from any device	Cross-domain information	Open ecosystem
· Aggregate and normalize data across multiple sensors · Digital Model for the City	· Enable cross-domain contextual control (i.e with outdoor lighting & crime) · Process automation through policies	· Expose APIs for local and global ISVs Applications · Secure key Management and Role based access control

Cisco® Kinetic for Cities is a cloud-based platform that provides automated, secure data sharing across community infrastructures, solutions, applications, and connected devices. It enables you to easily and cost effectively get the maximum value out of your IoT data to drive new initiatives around increasing safety, managing resources more effectively, delivering new services when and where they are needed, and more.

Cities around the world are being made smarter and are connected more securely through Cisco Kinetic for Cities, together with solutions for environment, lighting, parking, safety and security, urban mobility, and waste management that are enhancing city livability and vitality.

> "This platform is the foundation of how we look at all the data we're collecting from sensors that we have throughout the city."

— **Michael Sherwood,**
  CIO, City of Las Vegas,
  Nevada, USA

Cisco Kinetic for Cities: How it all works together

Upgrade your city operations

The world is changing at an increasingly rapid rate. Cisco Kinetic for Cities can help address the challenges of change and growth. As the number of connected things grows exponentially, this platform can help cities scale quickly, with an open architecture that supports the integration of multiple solutions, applications, and devices. And as the urban landscape evolves, the vast Cisco solutions portfolio will offer a specialized approach to help solve problems, meet unique goals, and achieve desired outcomes.

We collaborate with a trusted ecosystem of partners to help bring these solutions and services to life, complementing Cisco's extensive expertise in secure networking infrastructure.

The power of digital transformation lies in your data. Cisco Kinetic for Cities allows you to unlock your data to help you:

• Be more responsive to citizen needs

• Find cost savings by better understanding how resources are being used

• Create innovative partnerships for continued growth and success

• Generate environmentally sustainable practices

• Keep people and public spaces safer

• Help form more coordinated and effective incident response across different city agencies and organizations

• Inspire new revenue sources through application development, data analytics and modeling, and asset use optimization

• Get traffic and transit where they want to go, quickly and efficiently

And much more. The opportunities continue to grow with Cisco Kinetic for Cities.

For more information

For more information about Cisco Kinetic for Cities, visit cisco.com/go/kineticforcities.