

Cisco Kinetic for Cities Safety and Security Solution

Robust planning with decision support system

The city command center receives an alert about a blacklisted car that was captured by the automated license plate recognition feature on a traffic camera near the city center. Within the next few minutes, a blacklisted face matching alert is captured from the face recognition cameras at a shopping mall near the city center. In the same timeframe, the city command center receives multiple emergency call alerts on its dashboard from the same shopping mall about armed robbery.

While the robbery is in process, the command center has relevant information beforehand that is needed to provide a response. The solution deployed at the command center provides its chief the location of various available law enforcement assets (police vehicle location, field officer location, and so on) to manage the situation.

Correlating all this information transparently with data received from other sources such as people counter and parking and lighting sensors, the command center chief is able to handle the incident effectively and provide an optimized and effective response. This is the Cisco® Kinetic for Cities Safety and Security solution in action, providing incident-related information proactively to city command centers. With it, law enforcement agencies are protecting citizens and preventing untoward incidents.

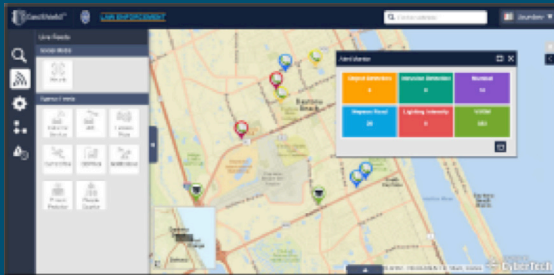
Benefits

- Provide faster response to incidents by using automated alerts from advanced video analytics
- Provide automated and intelligent video surveillance, using a comprehensive suite of detection and recognition based video analytics
- Enable predictive and cross-vertical analytics across domains (for example, parking, traffic, safety, security, and so on)
- Reduce operational complexity across agencies by deploying dashboards that provide a single-interface view

Cisco Kinetic for cities safety and security solution components and primary features

Visualization

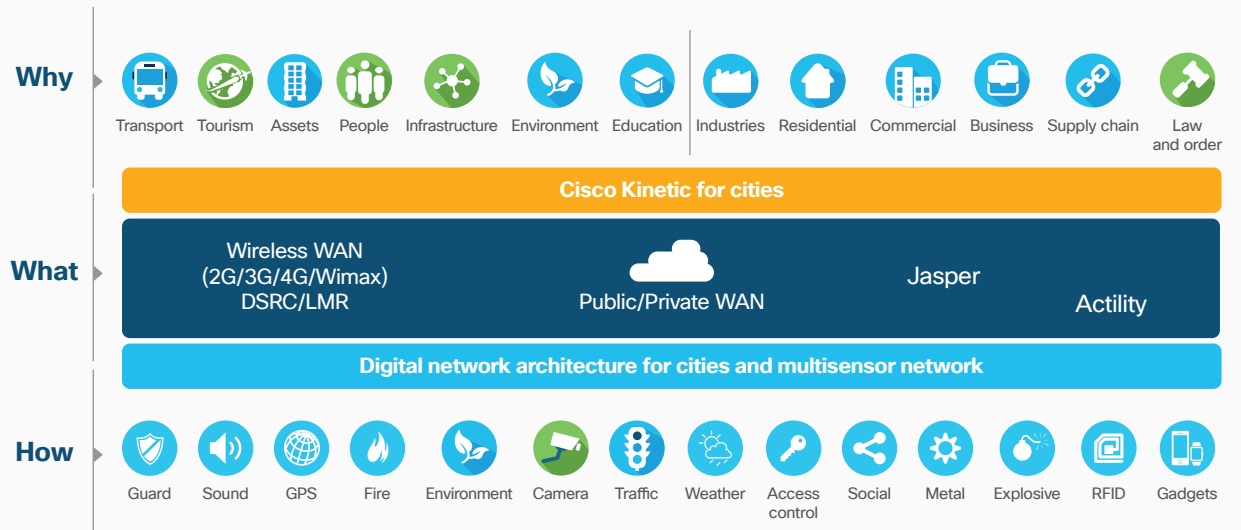
The Cisco Safety and Security solution's visualization layer is an intuitive, web-based, and map-driven software platform for agencies/departments that support the roles of real-time policing, investigations, and analysis along with correctional facility workflows and many more.



Respond to situations quickly by using analytics and visualization

The Cisco Kinetic for Cities Safety and Security solution uses the Cisco Kinetic for Cities digital platform to aggregate, normalize, and analyze data obtained from disparate sources, such as intelligent sensors, video cameras etc. The analyzed data provides useful insights that aid in planning and making critical decisions to help manage crime and respond to emergencies, thereby making the city a safer place for its citizens.

Cisco Kinetic for Cities Safety and Security Solution Architecture



The Safety and Security solution portfolio helps enable:

- Real-time crime mapping by using charting and graphing tools
- Automated video surveillance using video analytics
- Incident planning by using predictive analytics
- Interagency collaboration by embedding standard law enforcement workflows

Next steps

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Unlike other safety and security solutions, the Cisco solution is a complete suite of features from which to choose. You can match a desired feature to the budget and requirements of your city.

Some primary features

Real-time camera integration	Situational awareness	Threat analysis	Incident planning	Parking management
Export/reporting	Inter-agency collaboration	Real-time dispatch monitoring	Alert notification	Lighting management
Charting and graphing tools	Cross vertical analytics	Crime trends	Crime analysis reports	Agency/department home page
Workflow management	Document management	Inmate demographics	Facility view	Keep separate analysis

Video analytics

The video analytics platform detects monitored events in videos and triggers notifications by sending this information to the agencies/ departments through CDP. The Security solution has an open architecture and can support integration with all leading video surveillance solution vendors.

Some primary features

Intrusion detection	Situational awareness	Threat analysis	Behavior analysis (Loitering, slip & fall detection etc.)
Objection detection	Smoke and fire detection	Dwell time	Yellow line detection railways
People counting	Queue detector	Mobile app	Vehicle counter
Camera video diagnostics/health monitor	Traffic analyzer	License plate recognizer	Direction controller