Smart Cities Platform, Enabled by CA

KEY FEATURES

- **System interoperability** to connect disparate local systems to one another.
- **Mobile extension of current applications** with custom SDK and API creation to speed mobile application development with assured identity.
- **Monitored performance** to help ensure city systems are available during time of need.
- **Performance assurance** by load testing applications and infrastructure to assure availability during peak demand.
- **Assured identities and secured applications** to keep bad actors from disrupting a city's urban intelligence network.
- **Hybrid deployment options** to run based on local need, whether in the cloud, on premises or both.

Business Challenge

Digital technologies are the lifeblood of today's cities. They are applied widely in industry and society, from information and communications technology to the Internet of Things providing real-time feedback from city services. As sensors turn everyday objects into an urban intelligence network, and as computing advances enable real-time analysis sensor data, government employees and officials gain ever-expanding insight into the infrastructure and services of their city.

Citizens drive such innovation and interconnectivity, meaning city systems have another essential component: engagement. Thus, these systems must be trusted, connect with individuals based on personal data, and adapt to keep up with ever-changing needs and innovation. This leads to an extension of community reach to allow for more automated services while reducing the staff-assisted ones.

However, such interconnectivity and data make a city's intelligence network a natural target for those who wish to profit from its data or affect a city in a negative fashion. An urban intelligence network must be interconnected, secured and monitored to help enable service access.

Solution Overview

The goal of the Smart Cities Platform from CA is to create a secure environment for local applications and data, configured to provide deep visibility into application traffic and load tested to help enable everything works when needed. Critical factors to consider in this solution include department control and capabilities, ease of adoption, and the security and availability of local systems.

The Smart Cities solutions fall into four categories: security, availability, interoperability and testing. Together, the packaged solution will prevent disruption of a city's communication chain via brute force or insider attack, pinpoint performance degradation or application failure to assist with remediation and provide full testing capability to help enable performance under load. The solutions will be configured to function with an array of city systems to speed integration, reduce cost and help enable compliance running on premises, in the cloud or in a hybrid mode.

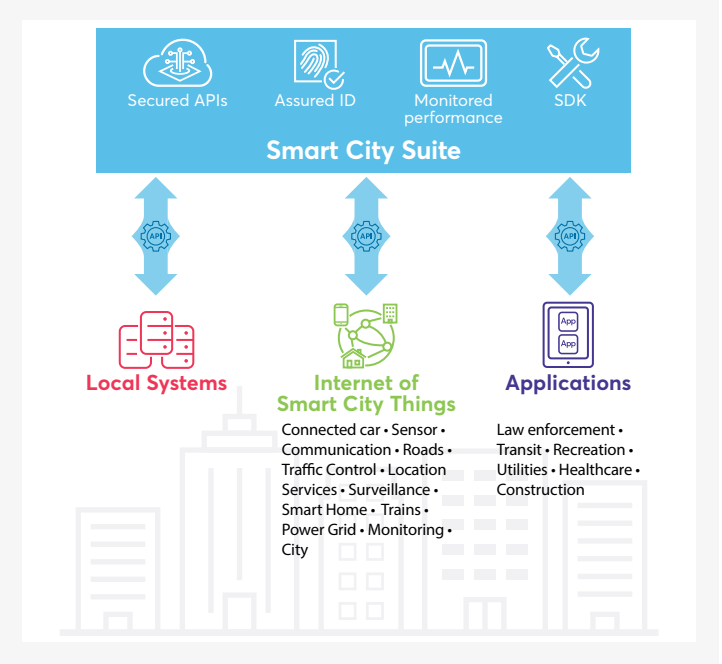
Key Benefits

Interoperable interface assurance. The platform contains configurable interfaces that are managed and secured, creating a bridge between heterogenous city systems.

Smart Cities SDK with identity assurance. The Smart Cities SDK simplifies securing internal data and app infrastructure for mobile, Web and Internet of Things (IoT) use cases.

Application and network performance assurance. The Smart Cities Platform from CA allows full insight to help ensure that urban intelligence network application performance and data access remains optimal during crisis or peak usage.

Application load and security assurance. Prior to the first field use, the Smart Cities Platform from CA will help ensure that applications and infrastructure perform at their peak under load or in the event of a crisis.



Products

CA API Management creates policy-driven, secure interoperability between systems and applications with support for leading directory, identity, access control, single sign-on (SSO) and federation services. CA provides full life cycle API management to help plan, design, implement, publish, operate, consume, maintain and retire APIs across public safety and 3rd party systems.

CA Rapid App Security simplifies securing data and app infrastructure for mobile, web, and IoT. It delivers a lightweight mobile SDK to enable built-in app security, combining multiple authentication mechanisms and risk-based analysis used to balance security against user experience and associated transaction risk.

CA Digital Experience Insights is a digital brings full performance visibility across apps, infrastructure, and networks with analytics managing data to deliver in-depth, meaningful insights into the user experience, business transactions, and digital infrastructure of a First Responders network.

CA BlazeMeter® enables next-generation performance testing so applications and interfaces perform at their peak under load. CA BlazeMeter is an easy-to-use solution providing simple self-service capabilities to stress test applications at any stage of the SDLC. It pairs with CA Digital Experience Insights during load tests to quickly identify bottlenecks in applications and infrastructure.

CA Veracode, the recently acquired Veracode Application Security Platform, manages security risks across your application portfolio holistically, at all stages of the SDLC. It offers a wide range of security testing and threat mitigation technologies and services required by a First Responder network to secure the applications—built, bought or assembled—as well as the 3rd party components integrated into the local FirstNet application footprint.

For more information, please visit **ca.com/publicsector**

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