

Future-Ready DMVs, Enabled by CA

KEY FEATURES

- **Secure interoperability.** Sharing data securely with other agencies is paramount. CA Test Data Manager protects personally identifiable data (PII), while CA API Gateway allows secure communication with external data sources—even on mobile devices.
- **API security and management.** Working in tandem with SOA, CA API Gateway both facilitates and secures communication as DMVs work to modernize their systems.
- **Rapid application security.** Our lightweight mobile SDK provides a mobile application development platform to balance security concerns against user experience.
- **Service virtualization.** DMVs must develop new services without putting security at risk. CA Service Virtualization creates a safe test environment, resulting in significant cost reduction during development of new products or services.

Business Challenge

Across the country, departments of motor vehicles (DMVs) face the challenge of upgrading legacy systems in the face of rapid technological advances, heightened security requirements and rising expectations from consumers, agency partners and other stakeholders.

The pressure is on. Customers expect DMVs to provide better, faster user experiences with increased interoperability and mobile support. This means integration with other agencies and external databases—from federal and criminal databases to commercial programs such as Allstate’s Drivewise. And in this mobile, data-sharing environment, security becomes even more critical, driving up both complexity and risk.

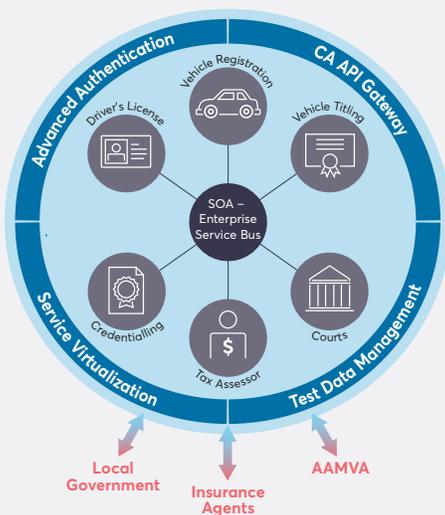
Adding to the challenge, DMVs don’t have the luxury of closing for renovations. System modernization demands the ability to update or replace aging systems seamlessly—without eroding customer experience on the front end. Fortunately, there is an answer.

Solution Overview

Replacing legacy systems in the face of digital disruption requires a balance of support, expertise and technological innovation. And that’s where CA Technologies shines.

Improved citizen services—even during upgrades. Whether it’s making a secure mobile payment or retitling a car with the swipe of a finger, APIs are the building blocks of true digital transformation. APIs let us put better services in the hands of citizens, reducing wait times in DMVs and enabling mobile delivery of services via the cloud. At CA, we use CA API Gateway to ensure that user experience is not only best-in-industry but also remains consistent—even while we’re upgrading your system and working toward broader modernization.

Increased interagency data sharing. DMVs serve more than consumers—and the demand for data sharing will only increase. Whether they’re sending real-time data to state troopers’ vehicles or pulling data from the Commercial Driver’s License Information Systems, DMVs require both speed and security. CA API Management with secure gateways is the answer, providing back-end service-oriented architecture (SOA) connectivity across databases, applications, mainframes and middleware to easily connect external data sources to SOA.



Key Benefits

- **Move from in-line to online.** Enhance the consumer experience, from reducing wait times in field offices to the mobile delivery of services via the cloud.
- **Easy identification confirmation.** Leverage technology to reduce the risk of improper access or fraud—without burdening users.
- **Accept online payments.** Enable streamlined online payments while still ensuring security.
- **Meet disruptive trends head-on.** Multi-factor authentication credentials fulfill consumer expectations while embracing customer service.
- **Balance security with user experience.** Provide unmatched secure access to services using renewal apps and other adaptable tech.
- **Manage the data-gatekeeper role.** Management tools generate synthetic test data controlled via a self-service portal.
- **Virtualize external services.** Leverage unique technology that creates a low-cost, virtual “life-like” test environment.
- **Manage diverse data streams.** Correlate multiple data sources with scalability and security.
- **Accelerate security.** Reduce risk of improper access or fraud, online or in kiosks, using advanced authentication methods that are user-transparent.

Products

CA API Management creates policy-driven security enforcement with on-premises and cloud enforcement points to address a broad range of interoperability challenges. With support for leading directory, identity, access control, single sign-on (SSO) and federation services, CA API Management provides unparalleled flexibility in defining and enforcing identity-driven security policies.

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 with user experience and associated transaction risk. CA Rapid App Security pairs with CA API Management to provide a rapid mobile application development platform to expose existing systems to mobile and IoT endpoints.

CA Digital Experience Insights is a digital operations monitoring and analytics solution that brings full performance visibility across apps, infrastructure and networks with analytics managing data to deliver in-depth, meaningful insights. It offers an integrated application performance and infrastructure management services to provide a holistic view into the user experience, business transactions and digital

infrastructure. CA Digital Experience Insights pairs with CA API Management to provide in-depth traceability to traffic between systems, applications and IoT devices.

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 software lifecycle. CA BlazeMeter pairs with CA Digital Experience Insights during load tests to help quickly identify bottlenecks in applications and infrastructure.

CA Veracode, the recently acquired Veracode application security platform, provides a holistic, scalable way to manage security risk across your application portfolio at all stages of the SDLC. It offers a wide range of security testing and threat mitigation technologies to deliver application security solutions and services required by DMV networks. CA Veracode’s unified platform enables organizations assess and improve the security of applications from inception through production and DMV use. The effect is to secure the application layer for all the Web and mobile applications built, bought and assembled, as well as the third-party components integrated into the DMV application footprint.

For more information, please visit ca.com/publicsector

CA Technologies (NASDAQ: CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business, in every industry. From planning to development to management and security, CA is working with companies worldwide to change the way we live, transact and communicate—across mobile, private and public cloud, distributed and mainframe environments. Learn more at ca.com.