

MMIS Modernization, Enabled by CA

KEY FEATURES

- **API creation.** Going modular requires API-enablement of dated systems. CA offers solutions for dynamic API creation while securing communication during modernization.
- **CA Directory.** This first-of-kind technology moves away from sluggish databases, improving speed, reliability and scalability with memory-mapping that partitions data across directory servers.
- **Secure interoperability.** Sharing data securely with other agencies is critical. CA Test Data Manager protects personally identifiable data (PII), while CA API Gateway secures communication with external data sources—even on mobile devices.
- **Service virtualization.** States must develop new services without risking security. CA creates a safe test environment, resulting in significant cost reduction during development of new services.

Business Challenge

Across the country, states face the challenge of upgrading legacy Medicaid Management Information Management Systems (MMIS) in a changing landscape of technological advances, heightened security, increased regulations as a result of the Affordable Care Act and other legislation, and rising expectations from consumers, the Centers for Medicare and Medicaid (CMS) and other stakeholders.

The pressure is on, and transformation is complex. Although CMS has dedicated funding for state upgrades and has initiated several programs (e.g. Project Poplin) to help with modernization efforts, the ultimate burden lies with states. And in order to receive funding, states must comply with the strict guidelines listed in the “Enhanced Funding Requirements: Seven Conditions and Standards.”

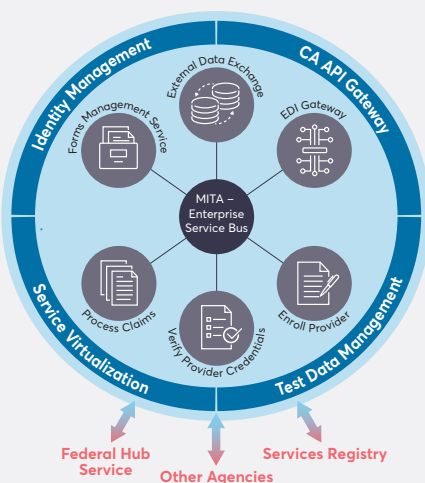
Security requirements make upgrading legacy MMIS even more daunting. In a time of increasing identity theft and data breaches, modernization demands the ability to update aging systems without eroding security or experience. Fortunately, there is an answer.

Solution Overview

Replacing MMIS systems in the face of increased regulations and security concerns requires a balance of support, expertise and technological innovation. That’s where CA Technologies shines.

Modularization. CMS recommends a modular approach to MMIS upgrades, but there is little guidance on how to achieve that goal. CA has the answer, with an API-centric solution allowing for extensibility and flexibility. The CA API Gateway ensures that user experience is not only best-in-industry but also remains consistent—even while you’re upgrading your system and working toward broader modernization.

Data and identity security. States have identified data protection and identity management as key modernization challenges. CA’s solution provides additional security with minimal impact on user experience while lowering the cost of implementation, distribution and support. CA Identity Manager protects logins with a self-service portal supporting self-registration and forgotten passwords, CA Single Sign-On provides a centralized platform for access management and authentication, and CA Advanced Authentication reduces the risk of identity fraud, data theft or misuse, and payment fraud.



Key Benefits

- **Share data quickly and securely with other agencies.** CA API Gateway provides back-end service-oriented architecture (SOA) connectivity across databases, applications, mainframes and middleware, allowing external data sources to connect easily to the MMIS SOA architecture.
- **Meet disruptive trends head-on.** Multi-factor authentication credentials fulfill consumer expectations while embracing customer service.
- **Easy identification confirmation.** Leverage technology to reduce the risk of improper access or fraud—without burdening users.
- **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 with 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 against 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 Medicaid Management Information System (MMIS) 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 the application security solutions and services required by an MMIS network. CA Veracode's unified platform enables organizations to assess and improve the security of applications from inception through production and MMIS 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 local agency 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.