

Using the CA API Gateway for Cloud Integration

Connect, Protect and Control Services in the Cloud



Cloud computing is transforming how enterprises scale up computing power, maximize storage capacity and consume mission-critical software applications. While many organizations recognize the potential value of software-as-a-service (SaaS) and infrastructure-as-a-service (IaaS), they also recognize that a number of concerns around data security, application performance and availability need to be resolved before widespread adoption can occur.

CA API Solutions for Cloud Integration

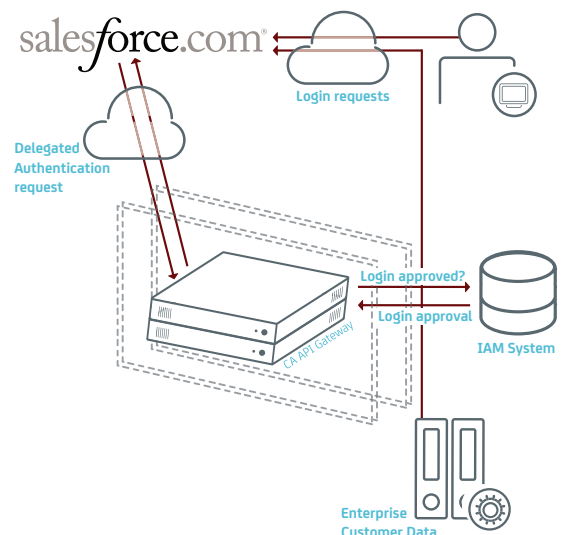
CA API Gateway for Cloud Integration helps eliminate barriers to cloud adoption by allowing enterprises to control how they consume SaaS applications (for example, Salesforce®) and cloud infrastructure (such as Amazon Web Services). By implementing CA API Gateway solutions, enterprise architects can connect and protect the enterprise in the cloud.

CA Technologies leverages award-winning gateway technologies to address the security and connectivity issues associated with enterprise adoption of public and private clouds. Cloud integration solutions from CA Technologies are built upon industry-leading technologies including:

- **CA API Gateway.** Simplify Single Sign-On (SSO) and integration to SaaS applications and other cloud-based services and secure and manage service application program interfaces (APIs) published to the cloud.
- **Enterprise Service Manager.** Gain full control over and visibility into the service lifecycle of application run in the cloud.
- **Policy software development kit (SDK).** Extend the functionality of the CA API Gateway products to handle specific protocols, unique data types and integration with custom products.

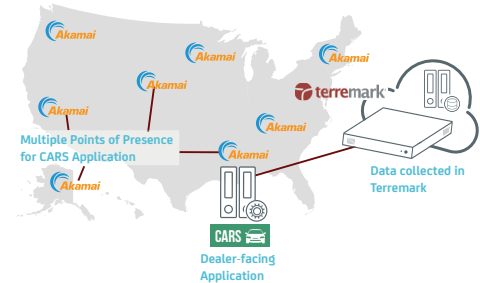
SSO and Integration for Salesforce

- **Challenge.** This leading financial services organization needed to eliminate the security risk associated with placing enterprise passwords in Salesforce and integrate on-premises customer data into the Salesforce system.
- **Solution.** CA API Gateway, XML Firewall edition utilized existing enterprise identity and access management systems in order to provide SSO while facilitating secure Web services integration with internal systems.
- **Result.** Because users only had to manage a single sign-in and password for all systems and administrators only had to manage a single identity repository, security was enhanced and administration costs were lowered.



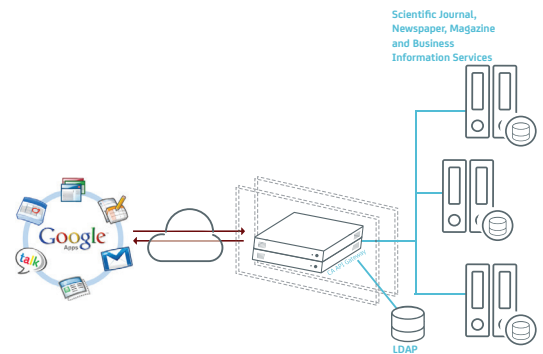
Cloud Security for Government

- **Challenge.** This U.S. federal agency needed to implement a major online initiative within a very restricted timeframe. Cloud computing presented the solution to this scalability challenge but also raised serious security concerns.
- **Solution.** CA API Gateway was used to monitor and measure the IaaS providers' security controls to ensure they were being properly implemented, in line with the government's certification and accreditation processes.
- **Results.** The agency was able to create a secure and stable online system within 30 days. The initiative was considered both a great success and a significant move into the cloud for the federal government.



Online Data Syndication with Google Apps™

- **Challenge.** This major online data publisher needed to create a system that would allow its customers and partners to use Google Apps in order to access multiple existing information services.
- **Solution.** CA API Gateway, XML Firewall edition was used to secure cloud APIs, authorize users, apply rate limiting to user contracts, convert REST queries to SOAP and provide API aggregation, versioning and orchestration.
- **Results.** The company was able to implement business logic in policy, decreasing maintenance costs while speeding and simplifying information gathering for customers and partners.



Security and Compliance Certifications

- PCI-DSS compliant
- WS-I Basic Security Profile Editor and Interop
- FIPS 140-2 compliant
- W3C WS-Policy Interop
- STIG Assurance
- Common Criteria Protection Profiles for Access Control and Policy Management
- OASIS WS-Trust Interop

Formats

The CA API Gateway is available in a wide range of formats, including:

- Software
- Amazon Machine Image
- Virtual (VMware®)
- Hardware

For more information, please visit ca.com/api

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.