DATA SHEET

CA API Developer Portal

At a Glance

APIs are becoming ubiquitous as enterprises increasingly need to open up to mobile devices, cloud-based services, partners and third-party developers. CA API Developer Portal provides a single solution that can not only accommodate internal API initiatives to empower in-house developers, but can also act as the cornerstone of external API initiatives (partner access, cloud integration, mobile enablement etc.). By eliminating the need to deploy multiple solutions from multiple vendors, CA API Developer Portal can greatly reduce technology acquisition costs, infrastructure requirements and maintenance overhead.

Key Benefits/Results

- **Increased revenues.** Expands market reach to emerging platforms and more mobile devices for monetizing APIs
- **Decreased costs.** Reduces technology costs and increases efficiencies
- **Improved customer satisfaction.** Allows your customers and partners to interact with your organization from their device of choice

Key Features

- Addresses the requirements of each stakeholder in an API purchasing cycle (enterprise architect, security architect, development manager, and business manager).
- Addresses partner, developer, mobile and cloud access with a single product
- Allows developers to publish and manage SOAP services directly from portal
- Ability to publish and manage SOAP services directly from portal
- Allows each business unit in an organization to publish and manage its own APIs on a single, central portal
- Allows developers to automatically generate client-side code in their programming language of choice
- Automatically creates interactive documentation from industry-standard WADL/RAML files
- Supports both external and internal developer groups
- Supports localization support
- Supports SSO

Business Challenges

Opening on-premises data and applications to third parties. Opening on-premises data and applications to third parties via APIs raises a range of serious security concerns. Additionally, API publishing creates challenges around ensuring scalability and manageability as adoption grows and adapting data for consumption by a range of constituents.

Developer management. Managing third-party and internal developers also creates a management issue. The enterprise must engage, enroll, educate and manage developers that aren't bound to programming standards, specific coding languages or even security protocols. Implementing a solution that eases onboarding and provides a single, central point from which to communicate and manage all stakeholders can be a difficult task, as can providing the appropriate educational resources that can be easily managed by the enterprise.

Solution Overview

CA API Developer Portal lets enterprises empower developers to build mobile, Web and other applications that support individual business unit goals, extend overall market reach and grow revenues. It allows enterprises to supply developers with the tools they need to create apps that generate real value, at a lower cost than traditional design time solutions.

CA API Developer Portal developer management functionality makes it simple to:

- Understand who is using which APIs and what apps are being built
- Track which APIs are providing the best ROI
- Group and package APIs for easier provisioning and management
- Package APIs to simplify provisioning
- Map out revenue potential from developers that use your APIs, using the included Revenue Planner
- Centralize internal communications to API owners, developers and their stakeholders
- Create forums that help stakeholders to collaborate around APIs
- Throttle and shape access to APIs from different constituents
- Allow developers to directly access Portal WADLs and WSDLs from within SoapUI NG Pro by using the SoapUI plugin
- Automatically generate client-side code in the developer's programming language of choice

Developer Community	
Developer Onboarding	▪ Provide self-service or gated registration ▪ Allow registered developers to enroll their colleagues under their organization ▪ Enable developers to select a plan and be automatically provisioned for a bundle of APIs
Reporting	▪ Measure API usage against quotas and track API hits/latency, etc. ▪ Measure application usage to answer the question: "Which of my applications is most popular?" ▪ Measure latency to answer the question: "What is my customer's experience like?"
Documentation and Resources	▪ Interactive API documentation, API explorer, example code and sample applications to help developers speed the creation of applications ▪ Provide announcements, developer support, FAQs and discussion forums to foster community among developers
Application Creation	▪ Automatically generate client-side code in most popular programming languages, including JavaScript, node.js, Python, Ruby, PHP, Objective C, Java™ and Curl ▪ Enable developers to add multiple APIs to an application with a single click
Account Management	▪ Plans are provided to help you stratify developers into tiers ▪ Account managers can be assigned to help manage specific high-value partners
API Key Management	▪ Optionally gate the generation of API keys/OAuth secrets for each developer application ▪ Create, assign, suspends and revoke API keys
Content Management System	
Style Sheets	▪ Leverage out-of-the-box templates for API documents, landing pages homepages, etc. ▪ Insert custom code on every page (for the purposes of creating interactivity, implementing Google Analytics, etc.)
Content Management	▪ All content is versioned and can be rolled back ▪ Content can be written in the provided rich text editor or pasted from Microsoft Word® (preserving the formatting) and can be edited in the underlying HTML code
Workflow	▪ Edit content in staging mode and then push it live when approved for publication
Dashboarding	▪ Define a personalized default dashboard for each user
Custom Fields	▪ Capture custom information when a developer registers for an account or requests a new API key
Branding	▪ Control the display and position of all logos, fonts, colors, graphical elements, etc. ▪ Control headers, footers, page bodies, tables, etc. via CSS files
Private Data	▪ Associate API documents, forums and API explorer entries with a private API, allowing you to hide information from developers who have not been granted access
Business Management	
Account Plans	▪ Define quotas, rate limits and APIs per tier, allowing you to impose coarse-grained controls per organization ▪ Filter users by account plan to quickly suspend or un-suspend accounts
API Plans	▪ Define unique and/or standard plans for each API ▪ Report on revenue generation per developer over time ▪ Define quotas, rate limits and other fine-grained controls on a per API basis ▪ Track applications when they move from development to test to production ▪ Ability to report on revenue generation per developer over time
API Analytics	▪ Measure API usage to understand which ones to invest in ▪ Measure application usage to understand which developers are valuable ▪ Measure latency to track SLA adherence
API Publishing Controls	▪ Each business unit can publish and manage its own APIs, independent of all other business units ▪ Each API owner can publish its APIs directly from the portal using standard, pre-defined policy that can be altered on the fly

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

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CS200-131635_0515