

Axway API Management

Comprehensive API Development, Integration and Management Solution



As the foundation for modern integration and the interface expected by app developers, Web APIs are the building blocks for all kinds of digital applications. So, if you're going to establish a flexible and agile platform for innovation and transformation, you'll need a digital strategy that puts APIs first.

Axway 5 Suite for API Management lets you develop, integrate, secure and manage APIs in a unified way — across projects, developers and communities — to reap the full benefits of the API economy. It's used by hundreds of companies on-premise, as a cloud service, or as a hybrid solution to open up existing IT assets as APIs and Web services, and to integrate with partners for B2B interactions. You can adopt new cloud services and integrate them with on-premise applications, plus deliver new mobile apps and a seamless multichannel experience. With Axway, organizations can ensure the security and compliance of APIs, and complete projects up to 10 times faster using existing resources for a higher return on investment.

Released as a hybrid API management suite, Axway 5 Suite for API Management provides an integrated set of tools that simultaneously leverages both on-premise and cloud environments to support any combination of hybrid IT needs.

Key Features & Benefits

Axway API Gateway

Create a digital bridge across cloud, mobile and partner channels using a configure-not-code approach

- Rapidly develop, secure and manage web APIs and policies to open up existing applications as APIs, and integrate across on-premise systems, cloud services, mobile devices and the Internet of Things (IoT)
- Integrate with existing applications, identity management systems, communication protocols and other on-premise or cloud assets out of the box
- Receive alerts and quickly troubleshoot APIs graphically to find and fix issues, and minimize business disruption
- Gain real-time end-to-end visibility across API usage to improve business performance
- Deliver leading performance, scalability and reliability on-premise or in the cloud as a service
- Ensure compliance with built-in, configurable audit trails and reporting

Axway API Manager

Enable providers and administrators to centrally govern APIs using a web-based console

- Centrally register, on-board and manage communities of API developers and consumers
- Centrally enforce policies to secure and manage APIs
- Secure APIs using a broad range of authentication and authorization, identity, threat protection, usage, throttling, geolocational, and other business policies

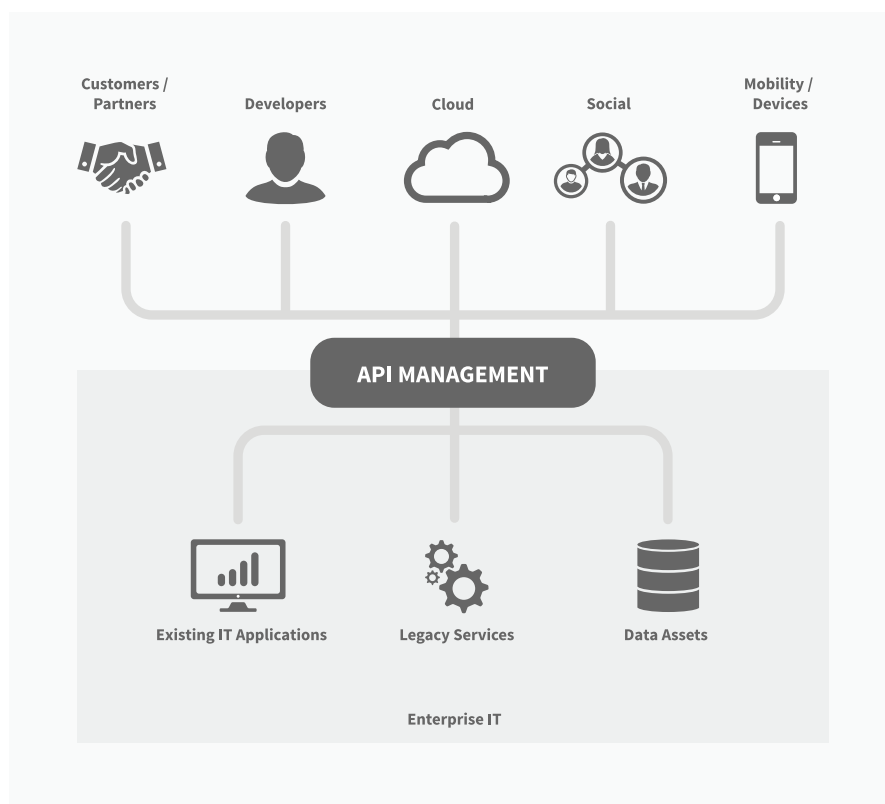


Key Features & Benefits

Axway API Portal

Make it easy for developers to discover, consume, build and test APIs on their own

- Search for and discover APIs using a web-based portal
- Learn more about APIs through integrated documentation
- Test APIs to better understand them or to improve their quality
- Analyze ongoing uses of APIs over time
- Brand, customize, even embed portal functionality in other apps to deliver the best developer experience



Axway API Gateway

API Gateway offers enterprise-grade delivery and governance of Web APIs that connect back-end applications and third-party systems, cloud apps, mobile devices and the Internet of Things (IoT). Its graphical “configure-not-code” approach makes it easy to develop, orchestrate and integrate APIs of all types, across a wide range of protocols and formats while ensuring high security, performance, and availability. Real-time operational monitoring and analytical reporting provide visibility into API usage. When combined with Axway Sentinel or Decision Insight operational intelligence tools, API Gateway gives you end-to-end visibility across any business processes or data flows.

Key Features & Benefits	
API Development & Integration	<ul style="list-style-type: none"> ▪ Drag-and-drop API and policy creation ▪ Intuitive graphical “process” design ▪ Library of over 200 pre-built integration and policy operations ▪ Policy property store with graphical editor simplifies the development of dynamic metadata-driven policies and APIs ▪ Integration with API/SOA repositories and registries
Security and Authentication	<ul style="list-style-type: none"> ▪ NIST FIPS- and NSA Suite B-compliant modes ▪ Embedded high-performance rules-driven API Firewalling that includes support for the OWASP Top 10 recommendations and supports free and commercial ModSecurity rule sets ▪ SafeNet Luna HSM (hardware security module) integration ▪ Out-of-the-box integration with leading identity management vendors, including CA, IBM, Microsoft, RSA and Oracle ▪ Customizable authentication policies for any API or web service registered in the API catalog ▪ OAuth token-based authorization
Cloud Connectivity	<ul style="list-style-type: none"> ▪ Cloud connectivity to Salesforce and Google REST APIs, and Amazon Web Services (AWS) ▪ Connectivity with Amazon Simple Queuing Service (SQS), Simple Storage Service (S3) and Simple Notification Service (SNS)
Internet and Enterprise Messaging	<ul style="list-style-type: none"> ▪ WebSockets support for full-duplex asynchronous communication between clients and back-end servers ▪ Native JMS provider (Apache ActiveMQ) to support end-to-end asynchronous APIs and allow integration between external-facing REST APIs and SOAP Web Services and back-end systems and applications

Axway API Manager

API Manager allows you to centrally govern APIs, API developers and API consumer communities from an intuitive web-based console. It lets you govern the full development lifecycle of any APIs — including Web services, REST/JSON or message-based APIs — and register, on-board and manage communities of API developers and consumers. To control the runtime behavior of APIs you can also centrally define and enforce a wide range of out-of-the-box or custom policies including authentication, authorization, usage quotas, throttling, SLAs and other business-specific policies.

Key Features & Benefits	
API Registration	<ul style="list-style-type: none"> ▪ Enable API administrators and API developers to register REST and SOAP APIs directly or import WADL or Swagger metadata files ▪ Define virtualized APIs that mirror back-end APIs through an easy-to-use wizard ▪ Compose new APIs that mash up multiple back-end APIs ▪ Map between different styles of APIs (e.g., expose a query string-style API as a URL parameter-style API) ▪ Define authentication, authorization and quota policies ▪ Develop custom, reusable policies to enforce enterprise-specific requirements across all APIs ▪ Easy, wizard-driven approach to creating secure access to Salesforce.com and Force.com provides the fastest path to multichannel business, helps ensure Salesforce meets or exceeds SLAs, and helps lowers the cost of Salesforce deployments



Key Features & Benefits

API Administration

- Maintain an API Catalog and associated documentation, enabling API developers and consumers to easily discover, manage and reuse APIs
- Control API modifications and rollout through versioning
- Enable business and operational users to monitor API usage and manage client consumption of APIs from registration to publication to retirement

Axway API Portal

Axway API Portal is designed to put APIs directly in the hands of the API consumer: the developer. It makes it easier for developer communities inside and outside your organization to discover and consume your APIs and web services. By having Axway API Portal you can accelerate and increase developer adoption, and enable new business models that help drive revenue growth.

Key Features & Benefits

Developer Self-registration

- Self-register and manage profile and credentials
- Register applications and request API Keys for each API service they plan to integrate into apps
- Participate in developer communities using wikis and blogs
- Perform delegated administrative tasks

API Documentation

- Browse the API Catalog and discover APIs and web services
- Learn how to use APIs with interactive Swagger documentation

API Testing

- Test an API or web service directly from the portal by sending test requests
- Leverage complete traceability to understand what's happening or to troubleshoot problems
- Test OAuth-protected APIs by including access tokens in requests, obtain access tokens from OAuth authorization service on Axway API Gateway, and consume OAuth-protected APIs

Learn More

To get started implementing your API Management strategy, call Axway to learn more about our complete API Management solutions. We'll help you understand exactly what you need to do to open the door to greater business growth in the evolving API economy. And we'll give you the tools and resources to make it happen.

For more information, visit www.axway.com

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