



# Axway API Management Plus

Innovate faster and more securely with comprehensive API management.

Across industries, disruptive competitors, new regulations and rising customer expectations are driving digital transformation. APIs are at the heart of digital interactions that will fuel this transformation by quickly connecting internal systems with new experiences that engage customers in dynamic and relevant ways.

The solution that meets today's requirements must manage the full lifecycle of API usage and provide a complete end-to-end set of services that simplify access to enterprise data, integrate with full API lifecycle support, and streamline app building to speed delivery of value to the business.

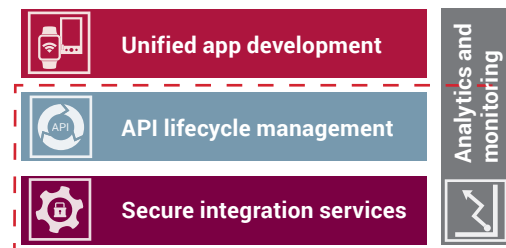


Axway API Management Plus combines full API lifecycle management, secure integration services, and monitoring and analytics to help you innovate faster and heighten ecosystem engagement. It is part of the Axway AMPLIFY™ data integration and engagement platform, which also includes unified mobile app development to provide a complete solution for the rapid change and innovation your business envisions and your customers expect.

## Key Features & Benefits

**API lifecycle management** streamlines the management of the people and processes of the API lifecycle central to delivering digital value through the deployment, improvement and operations of digital initiatives.

- Use the graphical API Builder to **create and orchestrate** mobile-ready APIs.
- Establish policies to promote conversion, operational stability, authorization and security.
- API Builder also enables real-time orchestration of API calls to facilitate creation and increase performance of composite APIs.
- Create and manage an **API catalog** for easy API search and discovery, and to support all API lifecycle stages, from registration through retirement.
- Support **DevOps** to enable collaborative development of policies, automated continuous integration and promotion, deployment to staged environments, and continuous testing – with zero downtime for delivery and upgrades.
- Take a best-practice **API-first approach** that leverages popular API design formats such as Swagger and RAML and provides APIs to enable customers to adapt and customize the API management process.
- Provide a **developer portal** to boost adoption by making it easy for developers to join an API community and discover, consume, build and test APIs.



## API Management Plus

Powered by the Axway AMPLIFY™ platform

Data drives relevancy, personalization, convenience and speed – the hallmarks of a good digital experience. The explosion in the quantity and sources of available data provides ripe opportunities when you can access, integrate and secure it with ease and speed.

**Secure integration services** free the data and services trapped in back-office silos with the security you expect in an enterprise solution.

- **Integration policy filters** and **prebuilt connectors** and **adapters** simplify and speed integration.
- A **Visual Mapper** with a graphical Data Map Editor and map engine simplifies data format transformation.
- **Microservices support** offers a clear separation layer between the developer-facing APIs and internal systems, and simplifies code maintenance, reduces development effort and enables parts of an application to be scaled separately.
- **Identity management** simplifies integrating with existing identity access management systems and provides for identity mediation, federation and audit.

- **Data security** options dramatically reduce the time to implement a high level of security designed to avoid breaches.
- **REST-enabled digital MFT/B2B/EDI functionality** is preintegrated with Axway API Management Plus, simplifying enterprise-wide use of existing information and tools for new business uses.

**Analytics & monitoring** provide the ability to measure and monitor success with visibility across the digital business value chain.

- **Real-time operational monitoring** provides visibility to topology status, API activity tracking and performance monitoring.
- **Developer metrics** show API consumer adoption trends and API usage metrics that are important to understanding API program business success.
- Integration with Axway Decision Insight enables predictive **embedded analytics** in the API management tools for proactive identification of abnormal situations and key operational insight for decision-making.

## Specifications



### API lifecycle management

API creation	<ul style="list-style-type: none"> <li>• Build APIs visually or programmatically</li> <li>• Define the app data model without writing any code</li> <li>• Automatically generate complete documentation</li> </ul>
API orchestration	Orchestrate APIs with a visual interface to split incoming API calls into multiple underlying API calls
Catalog management	Build a central catalog of all available APIs – both REST and SOAP – and virtualize them appropriately
DevOps support	<ul style="list-style-type: none"> <li>• Team collaboration to create policies simultaneously</li> <li>• Integration to your CI/CD chain</li> <li>• Zero downtime for delivery and upgrades</li> <li>• Docker container support for on-premise, cloud and hybrid deployments</li> </ul>
API-first approach	Import and export common API design formats such as Swagger, RAML, WADL, and WSDL



## API lifecycle management continued

### Developer portal

- Standards-based Joomla CMS portal with search/read/try/use API discovery and FAQs, articles and forums for building developer communities
- Advanced search to easily browse large catalogs
- Mobile SDK available to easily integrate APIs into your favorite programming language
- Connectivity to enterprise identity providers



## Secure integration services

### Over 30 integration policy filters

Data formats: XML, JSON, SOAP, REST, TEXT, HTML  
Data transport: SMTP, POP3, IMAP4, HTTP(S) 1.0 and 1.1, FTP(S), JMS, Filesystem, JDBC, Websockets as Proxy  
API definition standards: WADL, Swagger (1.0, 2.0), RAML, WSDL (SOAP1.1 and SOAP 1.2), Markdown for Documentation  
Enterprise Messaging Systems:  
JMS, IBM MQ Series, Active MQ, Tibco EMS

### Prebuilt connectors and adapters

- Pre-built connectors for Salesforce, Azure, MS SQL, MySQL, MongoDB, Box, Swagger, Postgres
- Composite connector for multiple data sources
- Salesforce, Service Now with API Discovery
- AWS S3 and AWS SNS

### Visual mapper

Graphically specify XML/JSON, JSON/JSON, XML/XML transformations

### Identity management

Open Authentication/Authorization Standards: LDAP, RADIUS, OCSP, SAML, XACML, OAuth 2.0 Client and Server, OpenID Connect Client and Server, API Keys (with Secret and without), AWS Style API Keys, Mutual SSL  
IAM Integration: CA SiteMinder, Oracle Access Manager, IBM Tivoli, Ping Identity, Octa, Tibco Rendevous

### Data security

Certificates, signatures and data encryption:  
PKCS, Kerberos, X.509 Certificates, XML Signature, XML Encryption, SSL/TLS, JWT, JWS, PGP, SMIME  
Compliance:

- Common Criteria Certification
- Protection Profile for Enterprise Security Management-Access Control Version 2.1
- Enterprise Security Management - Policy Management Version 2.1
- FIPS and NIST B security compliance



## Secure integration services continued

<b>Data security</b> <small>continued</small>	<p>Ws-* Standards:</p> <ul style="list-style-type: none"> <li>• WS-Security, WS-Trust, WS-Federation, WS-SecureExchange, WSIL, WS-I, WS-Addressing, WS-SecureConversation, WS-MetadataExchange, WS-SecurityPolicy, WS-PolicyAttachment</li> <li>• UDDI, WSRR, MTOM, WCF, XKMS</li> <li>• Tools for XPath, XSLT, XML Schema HSM Cards Supported</li> <li>• Thales NCipher, Safenet Luna</li> </ul> <p>Anti-virus/Anti-malware: McAfee (Engine and Scan inside the application), ICAP Connector, Clam AV, Sophos</p>
<b>REST-enabled MFT/B2B/EDI functionality</b>	Include available APIs for Axway MFT/B2B/EDI solutions in your API catalog.

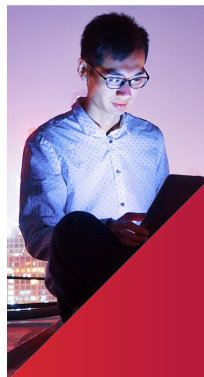


## Analytics and monitoring

<b>Operational metrics</b>	Real-time, end-to-end visibility of API usage
<b>Developer metrics</b>	API consumer adoption metrics with visibility to top consumers, churn risk and quota status
<b>API usage metrics</b>	Measure most and least popular, volume, traffic and TPS
<b>API performance metrics</b>	API quality metrics with latency and error rates
<b>API infrastructure metrics</b>	Analysis of resource bottlenecks, error rates and latency
<b>Traffic monitoring</b>	Monitor and troubleshoot individual transactions, including drilling into processing steps and message content to perform root-cause analysis.
<b>Predictive analytics</b>	Identify abnormal situations and use situational awareness to take proactive action before an issue becomes critical.

## Across Products

Deployments	<ul style="list-style-type: none"><li>• Available in cloud, on-premise form factors and hybrid configurations</li><li>• Geocustering available for both on-premise and cloud deployments</li></ul>
User experience	<ul style="list-style-type: none"><li>• Unified user interface</li><li>• Single sign-on</li><li>• Unified documentation portal</li></ul>



Try Axway API Management free for 30 days.

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