

TIBCO API Exchange Platform Overview

BENEFITS

GENERATE NEW REVENUE OPPORTUNITIES:

Plug your business into the always-on digital value chain and reach into new markets.

GROW YOUR PARTNER NETWORK:

Onboard and manage partners more quickly and cost-effectively, making it easier for partners to do business with you.

IMPROVE PRODUCTIVITY AND REDUCE COST:

Reuse internal services that would otherwise be in silos supplying little or no value.

IMPROVE CUSTOMER SATISFACTION:

Create more touch points and richer service features via API enabled apps.

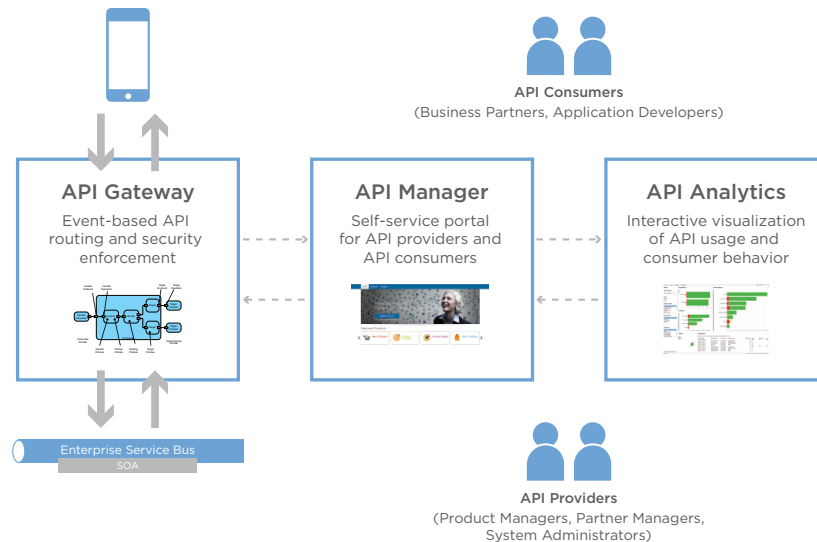
INSPIRE A DEVELOPER COMMUNITY:

Leverage crowd-sourcing to create the next great application and gain competitive advantage through innovation.

TIBCO® API Exchange provides access to new digital channels and business opportunities through APIs. It's designed to meet the security and scalability requirements of enterprises moving into the API economy and digital business.

With TIBCO API Exchange, you can expose enterprise services for consumption, define API runtime governance policies, handle API calls with comprehensive built-in security, and monitor and report on API usage. Deploy API Exchange to engage with internal and external application developers. Choose from on-premise, cloud, or hybrid deployment options.

TIBCO API Exchange includes three solution components: API manager, API gateway, and API analytics.



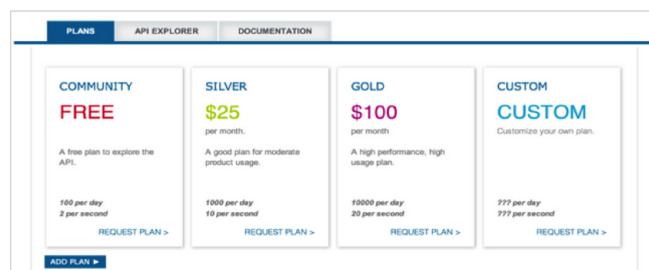
TIBCO API EXCHANGE CAPABILITIES

API MANAGER – EMPOWER YOUR OPEN API ECOSYSTEM

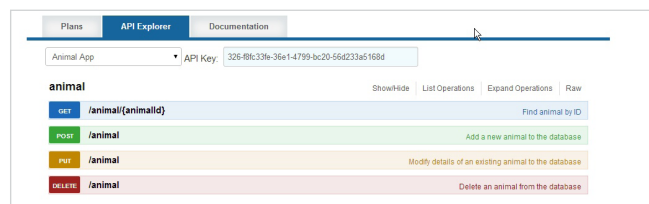
To design a cost-effective solution for building your open API ecosystem, you will want a solution that makes it easy for you to manage API partners as well as create and promote your APIs as products. TIBCO API Exchange provides industry-leading software and tooling to help you build a customizable API portal that meets your needs and those of the diverse members of your ecosystem.

- Internal developers and API product managers
 - Package API products for consumption and monetization.
 - Provide a catalog for organizing and publishing APIs.
 - Supply a repository for documentation, sample code, usage tips.
 - Monitor and report on API usage and performance.
 - Manage the API product lifecycle.

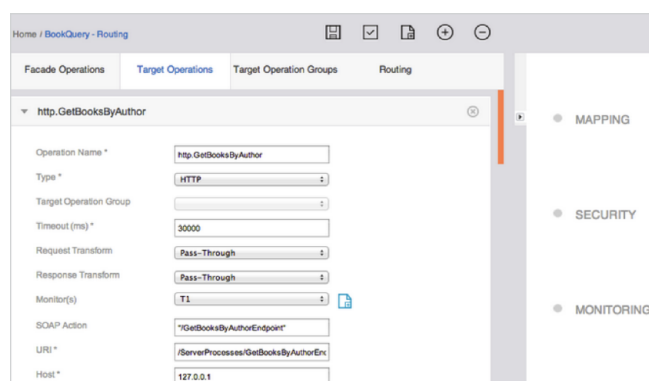
- Partner managers
 - Onboard application developers as partners.
 - Manage the developer community.
- System administrators
 - Configure deployment policies for APIs (authentication, throttling, routing, and mediation).
 - Set access rights by user or organization.
 - Manage partner and developer accounts and subscriptions.
- Business partners and third-party developers
 - Search and browse available APIs in the product catalog.
 - Read documentation and test the API functionality before buying.
 - Request a subscription plan and developer keys for the application.
 - Use APIs to build apps.
 - Monitor API usage and performance.



A toolset and customizable environment let you quickly build a branded portal for meeting business goals.



The portal includes a Swagger-based environment for defining, documenting, and testing REST APIs.



Administrators define API runtime policies using a simple web interface.

SUPPORTED STANDARDS

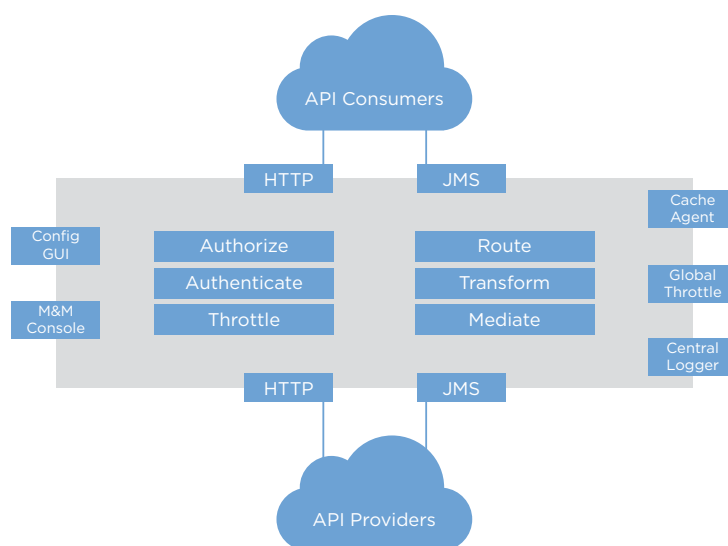
HTTP(S), JMS, JSON, Kerberos, LDAP, MQ Series, MTOM, OAuth 2.0, REST, SAML, SOAP, SSL/TLS, Swagger, TIBCO Enterprise Message Service™, WS-Addressing, WSDL, WS-I, WS-I BSP, WS-Policy, X.509 Certificates, XML, XML Encryption, XML Schema, XML Signature, XPath, XSLT

API GATEWAY - ENSURE ENTERPRISE-CLASS API RUN-TIME PERFORMANCE

When using APIs to open access to internal data and business functionality, you'll want to enforce strong security at all times. You'll also want solutions that scale and provide enterprise-class runtime capabilities to meet requirements for large and complex use cases.

TIBCO API Exchange Gateway provides centralized runtime management and governance of APIs with built-in security to address these requirements. You create rules and policies to define how specific events will be handled throughout the processing pipeline of an API call.

- Comprehensive security and threat protection shield APIs from attack, control access, and secure API-transmitted data.
- Native support for REST and SOAP interoperability, along with payload transformation for XML and JSON, results in lightweight services that conform to the demanding needs of mobile applications.
- Service performance is optimized through an in-memory, cluster-wide data grid that enables advanced caching strategies.
- Nearly linear scalability with load balancing and fault tolerance ensures performance and availability.
- A federated architecture allows no single-point-of-failure while providing centralized control for any service in the organization.
- Rules and action extensibility will help you manage and control high volumes of API traffic with multiple partners with diverse API needs.

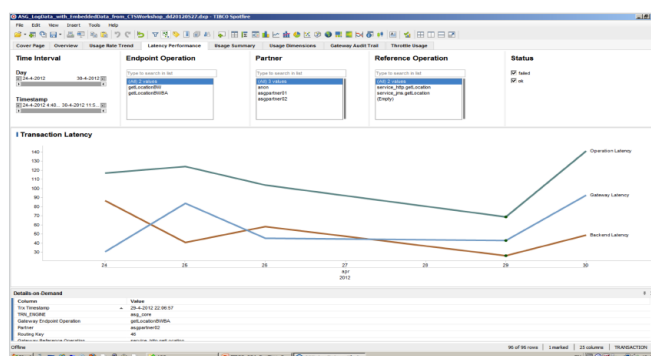


Customizable Policies: (1) *Authentication* and *authorization* control *whose* requests are handled (2) *Throttles* control *when* requests are handled (3) *Routing* controls *where* requests are handled (4) *Mediation* and *transformation* controls *how* requests are handled

API ANALYTICS - LEVERAGE INDUSTRY-LEADING ANALYTICS TO UNDERSTAND AND MANAGE YOUR ECOSYSTEM

Your API program is not complete without understanding what is happening and having insight into the future. TIBCO API Exchange provides an industry-leading analytics server with a full range of powerful out-of-the-box reporting and analytics capabilities for both API providers and consumers. Monitor API usage for product improvement and opportunity analysis.

- Benefits for API providers:
 - Understand API usage patterns and specific user behavior.
 - Become informed on operational KPIs and SLA compliance.
 - Identify future capacity needs.
 - Gain insights on opportunities to grow API initiatives.
- Benefits for API consumers:
 - Understand how APIs are helping your applications.
 - Stay informed on operational KPIs and SLA compliance.
 - Quickly audit and debug to get and stay up and running.



Reports are displayed in easy-to-understand graphics that can be customized to meet the needs of API providers and consumers.

LEVERAGE INTEGRATION FOR YOUR DIGITAL BUSINESS

TIBCO's deep experience in service-oriented computing assures you that TIBCO API Exchange can drive further value from your integration.

Unlock your enterprise data for business agility and competitive advantages. Plug in to the digital value chain to accelerate digital transformation. With TIBCO's streamlined enterprise API management platform, you will reap an array of benefits relevant to the business problems you are solving and the opportunities you are trying to capitalize on.

For more information, please contact your TIBCO account executive or go to www.tibco.com/apix



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