TIBCO Cloud API Management

Benefits

Engaging Experiences

Create more engaging, flexible, and productive experiences for your customers, partners, and employees.

Seamless Connectivity

Overcome technology silos and create seamless interoperability with API-led integration.

Better Business Insights

Improve business insights with easy access to the data needed for better decision-making and other high-value work.
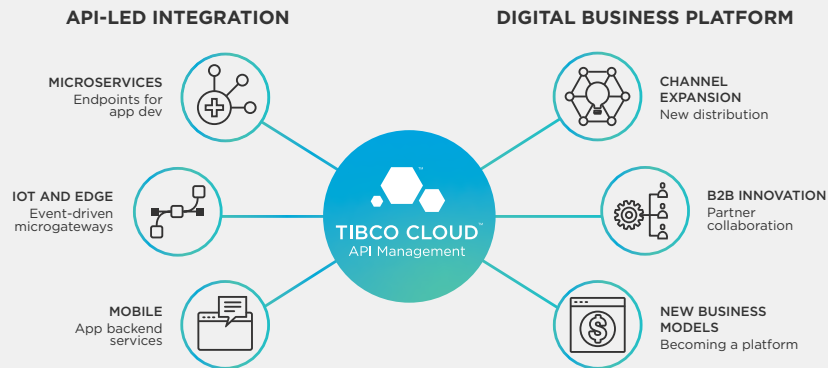
Disruption is the new normal — so you need your business to adapt quickly to rapidly changing market conditions.

As your business increasingly uses software systems and large volumes of data, flexible and scalable connectivity enables operating with greater agility. However, complexity and cost of connecting diverse digital assets often limits the business value that would otherwise be gained.

With APIs, TIBCO helps your business create a seamless digital landscape so you can freely connect your digital assets, easily express the value of your business through digital services, and more effectively engage with customers, employees, and partners. TIBCO Cloud API Management software goes beyond traditional API management to support a variety of API use cases that enable you to:
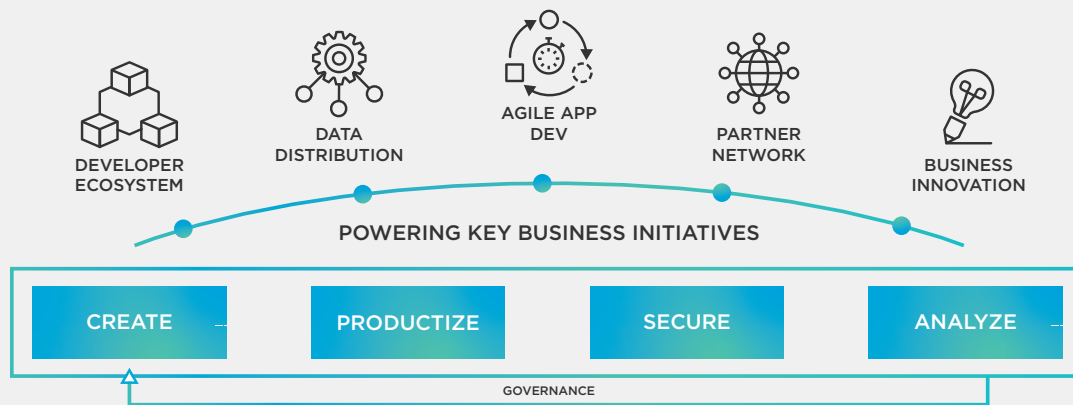
- Create enterprise interoperability with API-led integration
- Respond to business events in real time with event-driven APIs
- Gain deeper business insights with data-as-service APIs
- Optimize business processes with API-led automation
- Intelligently manage data with API-led MDM
- Deploy and manage APIs across hybrid & multi-cloud environments

Businesses can use APIs to build a digital business platform that creates new revenue opportunities, alternative routes to market, and more valuable opportunities for partners to transact with your business — all while creating the flexibility and scalability needed to adapt to changing market conditions.

API-LED INTEGRATION

DIGITAL BUSINESS PLATFORM

MICROSERVICES
Endpoints for app dev

IOT AND EDGE
Event-driven microgateways

MOBILE
App backend services

TIBCO CLOUD™
API Management

CHANNEL EXPANSION
New distribution

B2B INNOVATION
Partner collaboration

NEW BUSINESS MODELS
Becoming a platform

Deliver API program success

The TIBCO Cloud API Management market-leading full lifecycle API management platform enables the *Business of APIs*®, powering cloud-native architectures and accelerating digital business initiatives. It gives companies the means to pivot to new verticals and adapt to changing customer expectations, fluctuating markets, and technology trends.

DEVELOPER ECOSYSTEM

DATA DISTRIBUTION

AGILE APP DEV

PARTNER NETWORK

BUSINESS INNOVATION

POWERING KEY BUSINESS INITIATIVES

| CREATE | PRODUCTIZE | SECURE | ANALYZE |

GOVERNANCE

TIBCO Cloud API Management software-as-a-service provides organizations with a comprehensive toolkit including:

• Tools for improving IT and business team productivity and collaboration with APIs

• Autodiscovery for API packaging and productization

• Smart mapping of APIs using ML

• API automation bots, widgets, and analytics for empowering API product management

Benefits

Security

Secure your corporate assets with authorization, authentication, monitoring, and key gateway traffic capabilities.

Developer Engagement

Enhance developer productivity and engagement with flexible onboarding and access.

Service Mesh Management

Use a single control plan of your distributed microservices with traffic management, security, and end-to-end service chain observability and visibility.

Unify API Silos

Use a "single-pane-of-glass" for managing APIs that bridge internal, partner, and public APIs.

It allows you to repurpose data through public, partner, or private APIs. And as a key enabler for digital business, TIBCO Cloud API Management software helps you manage your APIs as products—securely, openly, and at enterprise scale—to create new revenue opportunities, new avenues to market, reactions to market changes, and increased value for partners.

Managing your APIs across the full lifecycle

Digital success requires managing the full end-to-end API lifecycle, including planning, design, implementation, testing, publication, security, operation, consumption, maintenance, versioning, and retirement.

Create

Develop your APIs from any data source enabling your developer ecosystem to access your backend system using simple modeling tools. Users can:

- Model any data source and use contract-first modeling with native OAS, plus native Node.js hosting of API implementations
- Architect your cloud-native apps with API choreography, event-driven APIs, and other non-REST protocols such as AsyncAPI, Websockets, GraphQL, gRPC, and Kafka types
- Standardize API testing with CI/CD automated tests for load, headers, objects, data, and business logic
- Streamline and standardize API deployment with modern CI/CD practices
- Discover applications and inject logic into API requests/responses enhancing data in-flight with in-line proxy orchestration

Productize

Define API product packages, take them to market, and provide seamless handoff between personas for API creation, packaging, and implementation The TIBCO Cloud API Management API Portal lets you:

- Package, catalog, and discover API products, including API-led microservices within Kubernetes
- Engage developer audiences using a developer portal and customized workflows with your look and feel
- Create static and interactive documentation to educate your users on the available APIs and how to work with them
- List your API products on AWS Marketplace for seamless billing and consumption

- Share, discover, and reuse digital services created across your business through our internal service registry
- Build and deploy a custom developer and user onboarding experience through process automation capabilities available in the TIBCO Cloud Integration platform

Secure

You have full control over agile app development, access, and security policy definition, and API product line management. The TIBCO Cloud API Management API gateway allows you to:

- Use single system management of traffic for all gateways, including embedded microgateways
- Define access and security policies like rate limiting and throttling for different API consumers
- Invoke robust security standards such as OAuth2, HTTPS, JWT, HMAC, XML sig, Kerberos, CORS, WS-I, ISO 27001, PCI, Hitrust, Kubernetes Secrets with RBAC, and MTLS
- Use single control plane management of your distributed microservices and end-to-service chain observability and visibility through service mesh
- Deploy these capabilities through SaaS, your private cloud, or on premises
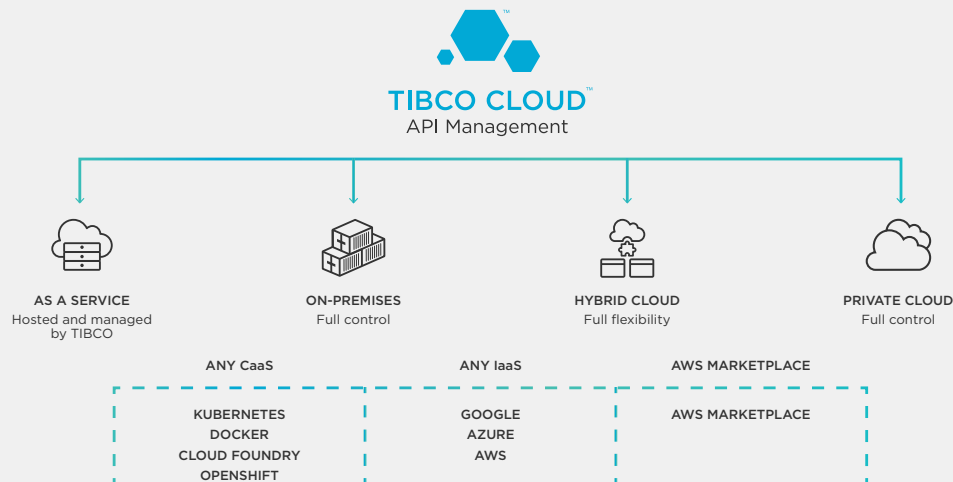
Analyze

You can measure and rapidly derive insights for driving business innovation using rich analytics for closed-loop improvements. TIBCO Cloud API Management analytics and reporting help you:

- Measure the overall success of your API program and identify future areas of investments with consolidated usage and performance analytics dashboards powered by TIBCO Spotfire analytics
- Ensure API program performance across globally distributed regions with optimized token sync, auto-scaling, and response caching
- Monitor and visualize custom operational and usage-based KPIs with endpoint-level drilldown
- Use operational reporting and monitoring though real-time component monitoring and API traffic analysis
- Analyze your APIs within TIBCO Cloud API Management software or export batch or streaming data for advanced analytics with tools like TIBCO Cloud Spotfire analytics

Anywhere deployment

Deploy applications on premises, in the cloud, or in a hybrid environment. Our SaaS solution is deployed in the cloud using the global scale of AWS and Azure, with the option of running API traffic via the gateway on premises. Or, independently manage components when and where you need with our cloud-native, local-deployment option that's optimized for a native Kubernetes orchestration experience.

TIBCO CLOUD™
API Management

AS A SERVICE	ON-PREMISES	HYBRID CLOUD	PRIVATE CLOUD
Hosted and managed by TIBCO	Full control	Full flexibility	Full control

ANY CaaS		ANY IaaS	AWS MARKETPLACE
KUBERNETES DOCKER CLOUD FOUNDRY OPENSHIFT		GOOGLE AZURE AWS	AWS MARKETPLACE

Run and adapt your connected digital business

TIBCO Cloud API Management software is a key capability of the TIBCO Cloud platform, which provides a complete set of capabilities needed to run and adapt a connected digital business. With the TIBCO Cloud environment, you can extend beyond traditional API management capabilities with platform capabilities and services:

- Manage and monitor all TIBCO Cloud connectivity assets in a single view with customizable management dashboards

- Accelerate connectivity with universal connectors, templates, dashboards, and industry accelerators

- Orchestrate APIs in a visual flow editor to implement business logic with TIBCO Cloud Integration iPaaS

- Automate business processes on top of your business services with the TIBCO Cloud Integration - Automate capability

- Maximize and scale enterprise messaging in the cloud with TIBCO Cloud Messaging software

- Turn your integrated data into actionable insights with TIBCO Cloud Spotfire visual analytics

Why TIBCO

An API platform needs to have the capabilities and vision to execute your digital strategy. The TIBCO Responsive Application Mesh is our vision and strategy for modern application architecture supported by a blueprint for operationalizing this vision, and market-leading technology required to build it. TIBCO Cloud API Management software is a key technology essential to achieving this vision by empowering business and IT teams to work together seamlessly to connect and deliver digital representations of business capabilities. Don't believe us? Try TIBCO Cloud API Management software for free to see for yourself. Or, contact us to learn more.