TIBCO Cloud Mashery

The cloud-native API platform you can deploy anywhere, to manage APIs from everywhere

Benefits

Go Digital
Create a digital ecosystem by exposing assets for partners to use in their products and services.

Connect the Enterprise
With API-led integration, manage your microservices, functions, and legacy service endpoints for app and platform development.

Unify API Silos
Use a “single pane of glass” for managing APIs that bridge internal, partners, and public APIs.

Enabling connectivity, collaboration, and change

APIs have evolved to be indispensable to business both in the way they are structured and in how they are used. Digital business initiatives have expanded in scope and complexity as companies have increased the rate of their digital innovation to capture new market opportunities and enhance customer experiences. APIs are now being used not just to securely expose data to partners, but to create ecosystems of third-party and internal developers.

As applications built using fine-grained microservices and functions become pervasive, many companies are seeing the need to go beyond traditional API management to execute new architectural patterns and use cases.

Integration is no longer a point problem. Companies can use open APIs to create new revenue opportunities, alternative routes to market, and more value for partners—all while adapting to changing market conditions. They can use APIs for both architecture and integration, and with digital business platforms:
Employ full lifecycle API management

The key to digital success is managing the full API lifecycle, including planning, design, implementation, testing, publication, operation, consumption, maintenance, versioning, and retirement. With the TIBCO Cloud Mashery platform, you can market to developers, manage the use and runtime of your APIs, and analyze to estimate their value.

Deliver API program success

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

TIBCO Cloud Mashery software as a service provides organizations with a comprehensive toolkit including tools for improving IT and business team productivity and collaboration with APIs; auto-discovery for API packaging and productization; smart mapping of APIs using ML; and API automation bots, widgets, and analytics for empowering API product management. It allows you to repurpose data through public, partner, or private APIs. And as a key enabler for digital business, TIBCO Cloud Mashery 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.

Benefits

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

Developer Engagement
Enhance developer productivity and engagement with flexible on-boarding 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.
Managing your APIs across the full lifecycle

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 AysncAPI, Websockets, GraphQL, gRPC, and Kafka types
- Streamline and standardize API deployment with modern CI/CD practices
- Connect to any data source, leveraging the TIBCO Cloud Integration platform

Productize
Define API product packages, take them to market, and provide seamless handoff between personas for API creation and packaging. The TIBCO Cloud Mashery 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
- List your API products on AWS Marketplace for seamless billing and consumption
• Provide simple service selection for endpoint/operation levels and service discovery through the TIBCO Cloud environment
• Build and deploy a custom developer and user onboarding experience through seamless connectivity through TIBCO Cloud Live Apps software

Secure
You have full control over agile app development, access and security policy definition, and API product line management. The TIBCO Cloud Mashery 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 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 Mashery analytics and reporting help you:

• 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 through real-time component monitoring and API traffic analysis
• Analyze your APIs within TIBCO Cloud Mashery 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.
Why TIBCO

An API platform needs to have the capabilities and vision to execute your digital strategy. TIBCO Cloud Mashery software is a full lifecycle API platform, not just a gateway. Connect and integrate your API-led services architecture and event-driven messaging with your enterprise using the TIBCO Cloud environment and build an agile, digital business. TIBCO Cloud Mashery software is part of a broader hybrid integration platform that works seamlessly with the TIBCO Cloud Integration platform and other products such as TIBCO Cloud Messaging, TIBCO Live Apps, and TIBCO Cloud Spotfire solutions.

Don’t believe us? Try TIBCO Cloud Mashery software for free to see for yourself. Or, hear from a few of our customers.