

# Infosys cobalt INFOSYS API MARKETPLACE – A SEAMLESS API LIFECYCLE GOVERNANCE AND MARKETPLACE SOLUTION

## Overview

Organizations today are no longer constrained by the choice of API platforms and hosting services. It is now common for enterprises to use multiple API gateway products and integration technologies across various lines of business as well as for services hosted across on-premises, private cloud, or

other cloud platforms. This creates challenges in maintaining a central API catalog of all enterprise APIs and limits collaboration options with partners. In addition, several enterprises face challenges in governing how APIs and integration are implemented and managed across the lifecycle.

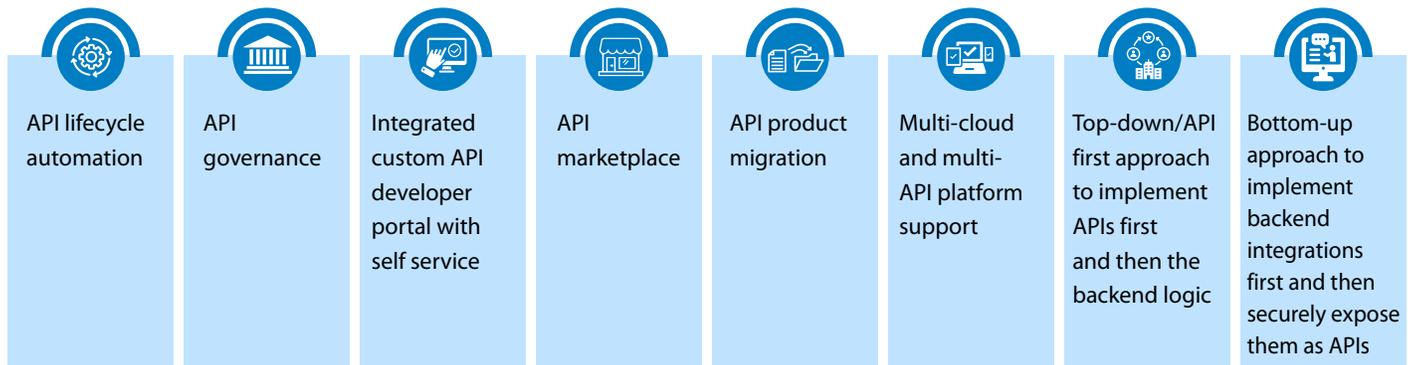
To overcome these challenges, there is a need for an automated and governed platform for standardized API implementation across the lifecycle. This must be supported by an API marketplace to centrally publish all enterprise APIs for better visibility and collaboration with different stakeholders.

## Infosys API Marketplace

Infosys API Marketplace is a comprehensive platform to help enterprises automate and govern their API implementation along with the backend service definitions. The platform also helps easily set up an API marketplace where all stakeholders across the API lifecycle can come together to implement, consume, and collaborate. It provides pre-built industry sandboxes for several standards such as BIAN, FHIR, TmForum to cater to enterprises across different domains. This offering has been developed based on our extensive experience in the API management space spanning several years along with best practices from over 200 implementations for different clients.

## Key Features

The key features of Infosys API Marketplace include:

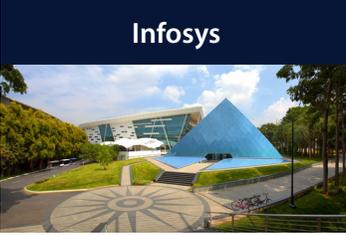


## Benefits

Infosys API Marketplace offers a host of benefits such as:

- Ability to set up an API center of excellence in days
- More than 50% effort savings in API implementation through governed processes
- More than 30% cost savings through standardization and automation
- More than 75% reduction in defects through pre-built rules and workflows
- Full custom portal without any lock-in
- Central API catalog irrespective of how services/APIs are implemented within the enterprise
- Marketplace to collaborate with partners to offer joint API products and plans to consumers
- Pre-built sandbox implementations for several industry standards such as BIAN, FHIR, TmForum

## Case Studies

 <p><b>Infosys</b></p>	<ul style="list-style-type: none"><li>• Implemented the solution internally to expose all Infosys APIs in a central catalog</li><li>• Provided self service capabilities for API owners to publish with one click</li><li>• Enabled internal and external consumers to discover and consume APIs for the purpose of building apps</li><li>• Generate microservice and backend system integration code based on API definition</li><li>• Publish microservices and system integrations as secure APIs for consumers</li></ul>
 <p><b>European Telco</b></p>	<ul style="list-style-type: none"><li>• Implemented API center of excellence (COE) compliant with industry standards and best practices</li><li>• Built over 25 common frameworks and API templates to standardize and automate API and microservice lifecycle management on Google Apigee and Springboot on Elastic Kubernetes Service (EKS)</li><li>• Provided pre-built Continuous Integration and Continuous Deployment pipelines to control API quality and govern implementation standards across teams</li><li>• Designed a central API developer portal with self-service capabilities to publish, on-board, and track APIs</li></ul>
 <p><b>Global CPG Retailer</b></p>	<ul style="list-style-type: none"><li>• Implemented Infosys API Marketplace solution to provide a central catalog of all APIs across different gateways</li><li>• Provided an automation and governance model for adoption by different teams building and implementing APIs</li><li>• Provide a highly resilient Azure Kubernetes Service(AKS) managed microservices platform to help client reduce license costs by moving out of pivotal cloud foundry(PCF)</li></ul>
 <p><b>US Satellite &amp; Video Services Provider</b></p>	<ul style="list-style-type: none"><li>• Implemented Infosys API Marketplace to provide an automated and governed platform for enterprise-wide teams to implement APIs and microservices</li><li>• Integrated enterprise specific tools for code repository, CI/CD, code quality and coverage for different teams to follow while designing and implementing services</li><li>• AWS based containerized deployment on EKS</li></ul>
 <p><b>Global Bank</b></p>	<ul style="list-style-type: none"><li>• Migrate from current MuleSoft landscape into an architecture Springboot for microservices and Kong for API gateway</li><li>• Leverage Infosys API Marketplace to help accelerate initial migration along with setting up an automated and governed platform which teams can continue to adopt in the future for API and microservices implementation</li><li>• Process and data mining capabilities leveraged to analyze existing implementation in MuleSoft and auto generate Springboot service definition</li></ul>

**Infosys Cobalt** is a set of services, solutions and platforms for enterprises to accelerate their cloud journey. It offers over 35,000 cloud assets, over 300 industry cloud solution blueprints and a thriving community of cloud business and technology practitioners to drive increased business value. With Infosys Cobalt, regulatory and security compliance, along with technical and financial governance comes baked into every solution delivered.

For more information, contact [askus@infosys.com](mailto:askus@infosys.com)

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