

Mediate: API Design and Management

Design, secure and scale APIs to connect across the enterprise

Many organizations are on a journey to improve interactions with their customers, partners and lines of business. And APIs are essential for driving digital transformation, allowing for rapid adoption of applications to provide new functionality and a seamless experience across any channel.

Too often, however, APIs are viewed as a means to an end. But organizations need to plan for how APIs fit into an overall strategy that grows their businesses and efficiently scales application development. With Boomi API Management, your enterprise can gain full control of its APIs and manage a unified strategy that aligns your API needs with your integration processes.

Key Benefits

Expose real-time integrations

APIs are easily consumable and reusable, and businesses are increasingly relying on APIs for application development efforts. Boomi allows an enterprise architect (API producer) to configure and expose real-time integrations via APIs to make them readily available to the business.

Control and govern data access

With a growing number of applications, the need to manage and govern APIs becomes crucial for the business. With Boomi, the technical team can effortlessly publish and govern APIs while managing data access, whether it's on-premise or in the cloud.

Easily create composite applications

Composite applications help businesses provide an omni-channel customer experience. An application developer (API consumer) can easily access data from existing applications via an API catalog and create unified experiences across mobile, social, and IoT.

Accelerate development and testing

To achieve rapid development, Boomi helps you create, test and deploy applications across platforms and devices in a hybrid IT landscape, delivering greater flexibility and control across the API lifecycle.

Centrally manage and enrich API interactions through their lifecycle in a unified and scalable platform

The screenshot displays the Boomi AtomSphere API Catalog interface. At the top, there is a navigation bar with 'APIs', 'API Catalog', 'Authentication', and 'Applications'. Below this, the 'API Catalog' section is visible, featuring a search bar and 'Expand all' / 'Collapse all' links. The main content area shows a card for 'Boomi Patient API' with a description: 'This API exposes the Patient object and allows clients to send requests to the Patient DB. The service will then send appropriate responses back to the client.' Below the card is a table of 'Hide Deployments (3)'. The table has columns for Version, Version Name, Environment Type, Environment Name, Atom Name, REST, SOAP, and OData. Three rows are shown, all with 'Production' environment type and green checkmarks in the REST, SOAP, and OData columns.

Version	Version Name	Environment Type	Environment Name	Atom Name	REST	SOAP	OData
2.0	Boomi Patient API	Production	AWS Molecule	AWS Molecule	✓	✓	✓
2.0	Boomi Patient API	Production	AWS Molecule	MDM Cloud	✓	✓	✓
2.0	Boomi Patient API	Production	General WS Publishing	PresalesAppServer-FeatureD...	✓	✓	✓

Below the table, another card for 'Boomi Sample API' is visible, with a description: 'Sample Boomi API generated to highlight API designer support for multiple endpoint request patterns'. It also shows 'Hide Deployments (1)'.

Key Features

Boomi API Design and Management accelerates application development



Mediation

Provide an abstraction between the published API and the underlying integration that is invoked.



Versioning

Manage the different versions as business needs change and make sure the right actions take place.



API Catalog

Expose APIs for both internal and external business processes for discovery and engagement across your enterprise.



Authentication

Deploy APIs with comprehensive security and third party authentication to reduce risks.



Policy Management

Define contracts to meet expected service levels for published APIs with quota and rate limits within a specific time period.



Application Authorization

Provision API keys associated with a group of APIs for a specific application use case across their customer base.



Usage Dashboard

Measure the relative health of your APIs with usage history and trends in a centralized view.

Scale Your Business with an Enterprise-Wide API Strategy

- Deliver customer experiences through a unified solution
- Create composite applications across data sources
- Accelerate your business and deploy APIs anywhere

To learn more, visit us today at www.boomi.com