

Our API Management and Integration Capability

Well-managed APIs are an integral part of our digital ecosystems.

At Blue Altair, we believe that any enterprise that aspires to expand its reach to consumers around the world must share its data via Application Programming Interfaces (APIs). APIs provide increased functionality and data for end users while offering agility, boosting monetization opportunities, and expanding business potential for enterprises. APIs are also used for internal system integration, B2B and B2C integration, service portals, applications, data exposure, services, and much more. The utilization of APIs for businesses is growing rapidly, and is forecasted to increase exponentially in the upcoming decade.

Moreover, with the cloud proving to be a secure, scalable, and highly useful software and operations environment, integration Platform as a Service (iPaaS) has emerged as a platform that is enabling automatic data synchronization between on-premise and cloud applications. New developments in iPaaS are securely connecting applications and data within one and across multiple organizations with services, people, and devices.

Enterprise iPaaS and full API lifecycle management solutions are both needed to complement each other. Enterprise uses iPaaS to ease their data and service integration needs in the cloud, while API Management addresses the developer-centric needs to unlock and reuse APIs built for integrations with end-to-end governance and security.

Blue Altair is proud to be a preferred partner for many businesses across industries. Not only do we provide highly scalable and robust API solutions, but we also use Blue Altair's battle-tested offerings that include assets and accelerators, which we purposefully built for popular API platforms. This has helped our clients to significantly reduce implementation time and effort for their digital transformation programs. We take on long-term, large-scale, end-to-end digital transformation projects, and have the capability to serve as a single technology partner. We also do what many others would not: tackle smaller turn-key projects that require point solutions to address specific business requirements.

The Power of API-First Mindset

APIs have been around for a while, but the way APIs are being utilized in today's digital world is constantly changing. The current trend embraces an API-First mindset—an “outside in” consumer-centric approach to designing and implementing APIs as services, interactions, and/or products. In an API-First mindset, such as the one we adopt at Blue Altair, APIs are treated as “first-class citizens.”

However, while sharing application data with the outside world offers tremendous benefits, it also poses challenges. Unless APIs are managed systematically, these challenges can be counterproductive to an organization. Many businesses that have embarked on their digital transformation journey without an API management platform have not been able to realize the full potential of their digital initiatives. Unless there is clarity on the current state of an enterprise's API journey (for example, strategy, architecture, deployment and security), it can be difficult to lay down a clear plan for the future. This is precisely where Blue Altair brings value to businesses through its API Program Maturity Model.

Our API Maturity Model

Having strategized, designed, and executed numerous projects over the past few years, we have built a model to assess the maturity of API programs. We assess the “as is” state of our clients’ businesses and derive a winning strategy to help them advance in their digital transformation journeys. Our assessment model helps us to address the needs of all businesses—small, medium or large—and determine the level at which they are in their respective API journey: Initial, Organized, Standardized, Mature, or Industrialized. Each of these maturity levels is derived through an assessment of four API enablers—API Strategy, API Program, API Governance, and Implementation and Support.



API Maturity*

Initial

- Lacks a clearly defined roadmap
- Relies on an API program on an ad hoc basis
- Has no consistent standards for building or governing API or using DevOps tools

Organized

- Has identified key API initiatives along with a future state roadmap
- Has an initial API structure in place with specific API management tools
- Is building APIs based on documented standards

Standardized

- Has a comprehensive set of initiatives; some completed, others in progress
- Maintains formal API organization and governance structure
- Has standardized API tools across the organization
- Has a central API catalog to enable re-use, enhancements and new API builds

Mature

- Has completed many key API initiatives with a clear roadmap
- Has a formal API organization and governance structure with appropriate methodologies and training programs
- Has a mature API developer portal to onboard internal developers and an API gateway tool to collect metrics
- Uses DevOps pipeline to accelerate API delivery

Industrialized

- Executes several API initiatives with clear roadmap
- Has a retrospective cost-benefit and ROI, and has fully adopted the API organization
- Views APIs as products which are consumed internally as well as by clients and partners

*This is an abbreviated version of our API Maturity Model. For an in-depth look, contact us.

How Can Blue Altair Help?

Blue Altair offers a comprehensive API management and integration service, helping businesses define a winning API strategy, develop an optimal API program, and implement APIs and their core infrastructure. To expedite our clients' API and integration journeys, we have built go-to-market offerings that include pre-built solutions, accelerators, points of view and other assets like common services and libraries, all of which leverage our expertise in:

- API Business Strategy with “API-First” Approach
- API Program and Technical Strategy
- iPaaS Strategy
- API Gateway Package Selection and Deployment (on-premise, cloud, hybrid)
- iPaaS-based System Integration
- Developer Portals

Addressing Complex Business Needs

Over the past several years, we have impressed clients with our industry-leading solutions. Here is a glimpse of the type of problems we have helped our clients address:

Banking and Finance

Challenges

- Manual onboarding and absence of a clearly defined API program
- Meeting regulatory compliance for data security and privacy
- Modernization of the banking system to provide innovative customer experience



Our Solutions

- Set up and configured API developer portal to improve overall onboarding process for consumers and partners
- Published APIs using Apigee to enable faster integrations with partner and reduce time-to-market
- Set up an API gateway in a private data center for data security and compliance

Healthcare

Challenges

- Insufficient interoperability leading to delays in data access for partner communication and collaboration
- Lack of secure communication channels for telehealth services
- Absence of personalized patient experience



Our Solutions

- Architected, designed and deployed integration solutions built using API management and iPaaS platform
- Used iPaaS platform to integrate with CRM systems for secure exchange of customer and patient data

Telecom

Challenges

- Inefficient customer onboarding and business process execution
- Poor integration with legacy systems
- Lack of new revenue channels to compete with other communication platform providers



Our Solutions

- Defined API strategy to support rapidly growing range of telecom services
- Architected, designed and deployed API management platforms
- Designed and implemented secure and modular data integrations using integration platforms like Apigee and SnapLogic

Our Partnerships

To serve the diverse needs of organizations in a rapidly changing business environment, we combine our advanced product knowledge and domain expertise with an in-depth understanding of our clients' business objectives. We collaborate with leading technology partners to build an ecosystem that enables us to leverage modular, scalable, production-grade data management across an enterprise.

The Blue Altair Promise

At Blue Altair, we understand that API Management and Integration is critical in helping businesses define a winning strategy. Our mission is to drive innovative solutions to keep business strategies ahead of the curve by adopting transformative technologies, streamlining technical capabilities and maximizing ROI. Regardless of project size, we pride ourselves on delivering the best value for your investment. Blue Altair's biggest strength is our combination of integrity with excellence, and that's our commitment to you: results that exceed your expectations and earn your trust for future business needs.



About Blue Altair

Blue Altair is a niche, industry-recognized business and technology consulting firm that assists our clients with digital transformations. We offer Assessment and Strategy, Technology Implementation, and Managed Services in API Management and Integration; Data Management; Digital Application Development; and Data Science and AI. Our Client Success capability ensures a higher-than-industry rate of successfully delivered projects, with a primary focus on program and project management, business analysis, and quality assurance. Blue Labs is our innovation hub, where we use cutting-edge technology to build offerings that deliver accelerators and solutions. Our culture is the heart of our existence, and our core values are the key drivers for our handpicked, top-tier performers.

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