

One APIHub

Centralized enterprise-wide APIHub for your internal API management and collaboration



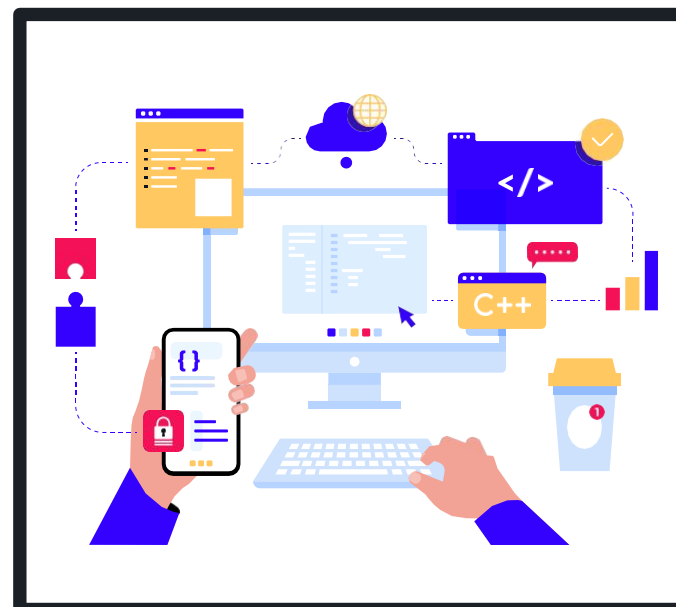
Introducing One APIHub

An enterprise grade internal API portal to aggregate, publish, index and document all the enterprise APIs in an access controlled manner.

A purpose-built solution to centrally bring all APIs developed in your organization by a decentralized team for discoverability and increasing adoption of APIs, avoiding redundancy in API Development, to optimize developer experience across the entire development lifecycle with native integrations to your existing CI/CD pipeline, external API portal.

API landscapes are growing at every enterprise and are building many public and private APIs everyday and every stakeholders wants to make sure that they are keeping up that growing demand of publishing and consuming APIs. With APIs and microservices growing both organically and also enterprises who are going cloud native are building at speed and scale, Internal API Hubs have become an important consideration for many organizations. Building an enterprise-wide, centralized, service catalog and expanding it to beyond the APIs has become an extremely important strategy for enterprises.

Creating a centralized
Enterprise-wide APIHub for
internal API Management and
Collaboration



One APIHub is focussed to internal Marketplace of services to manager and collaborate amongst different teams and group within an organization

Catalog of Internal services from Rest APIs to GraphQL, AsyncAPI, gRPC, SOAP

Analytics, Audit Information,
Deployment History

Team Info,
Hierarchy

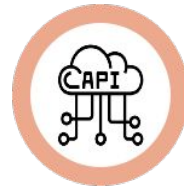
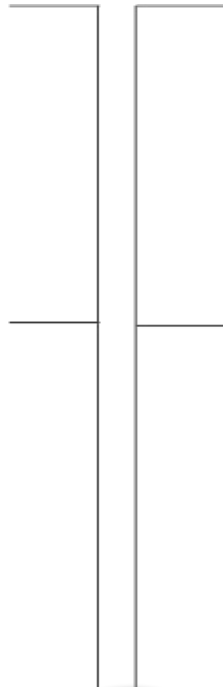
One APIHub
Key Highlights

,Deployment Stages,
Versioning, Metadata,

Service Mapping and
Service Hierarchy

“Building an enterprise-wide, centralized, service catalogue and expanding it to beyond the APIs has become an extremely important strategy for enterprises”

Can be directly synchronized with GIT repositories



asset management API

Configurable workflows for API publishing, reviews and approvals



Multi-level hierarchical orgs/groups/teams and developers

Create interactive API communities amongst the internal app/delivery teams



Seamless authentication using SAML based SSO

Segregates the API products, catalogs, versions of API metadata received from the CI/CD pipeline



Fine granular control and RBAC over the API products/category

API versioning and documentation management



Custom API wikis & API documentation

Supports manual data upload of API metadata



Custom API wikis & API documentation



Integrates with API lifecycle and governance tools and CI/CD pipeline.

Why One APIHub

API



Better API discoverability through high performance searching and cataloging



Higher API consumption



Better API adoptability



API Collaboration: Reducing the redundancy of service creation



Avoid redundancy in developing APIs

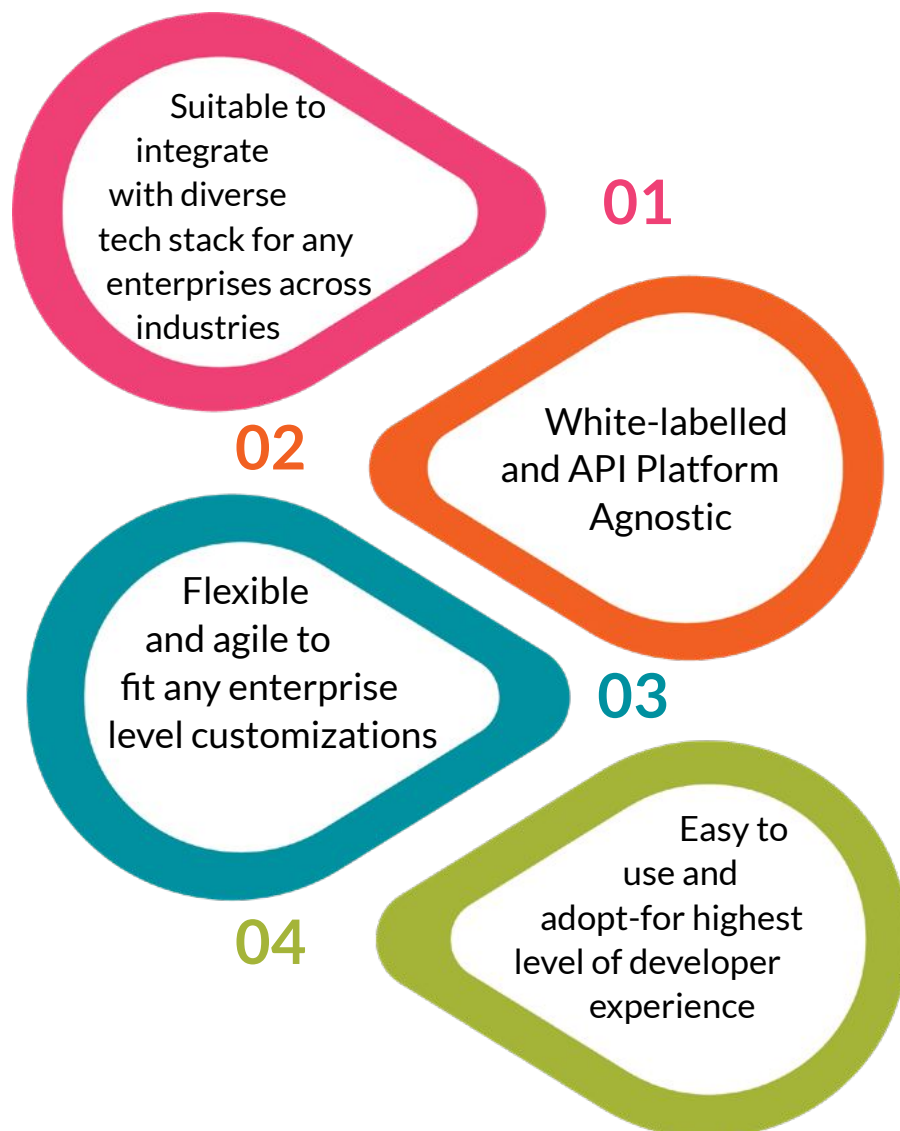


Leverage existing investments like CI/CD, lifecycle management tools to integrate with One APIHub

Industry specific solutions

Tailored solutions to suit enterprises across the industry, viz, Banks, Healthcare, Telco, Retail etc, ensuring optimized developer experience through increased usability, discoverability, adaptability, accessibility and consumption of the internal API ecosystem.

Suitable for enterprises across industries



Need For a well-documented API catalog



Need of monitoring tools



The ability to directly access to all development and management tools used and usable within the company



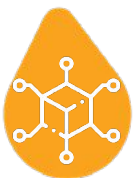
Need to enhance the developer experience by improving the API discoverability, adoptability, consumption and collaboration



Need for a comprehensive and complete documentation of the infrastructure



Need of a well documented list of guidelines and best practices for new components development



Need for microservices that execute already tested common functionalities.

Key needs for developing an Internal APIHub

Challenges addressed by Internal APIHub



Internal API portals can help by providing a central catalog of APIs that teams can check before attempting to engineer their own solutions. Reusing existing APIs can accelerate project completion, and providing internal developers the ability to learn and test APIs can reduce barriers to consumption and reuse. If employees are sending emails to hunt down an API or its documentation, the enterprise is not helping them to do good work.



Because of their modularity, APIs enable teams to be more responsive to changing customer needs. They can create new communication pipelines and new ways of solving complex problems as teams leverage one another's work. Challenges such as conflicting priorities never completely disappear, of course, but by making it easy for internal developers to adopt the API platform, a company can make it easier for teams to function in autonomous, agile ways, and to minimize dependencies among various teams' work.



There is no reason why the API security standards & controls should be more relaxed for internal APIs than for the external APIs. An internal developer portal can provide a secure way for internal developers to register an application and to access API keys and tokens. Without a portal, developers might have to resort to dangerous workarounds like sharing API keys over email or other public channels! centralizing APIs in a portal and managing them via an API platform also enables an opportunity to clearly enforce consistent access controls.

Future possibilities with Internal APIHub

High internal consumption of an API might help an enterprise identify the asset as the next one that should be opened to the outside. If the enterprise are not managing and monitoring its internal catalog, it might never make the connection

When Internal APIs are designed and managed with the right security controls, documentation, and user-oriented attitude from the beginning a great deal of technical debt can be avoided later

About DigitalAPICraft

DigitalAPICraft, through its products and services, helps global brands establish their API Ecosystem and transform into a truly Experience Enterprise. As a leading end-to-end digital transformation partner, our

API-led approach enables banking, healthcare, telecom, insurance & retail companies to offer delightful customer experience, transform business processes and boost operational efficiency.

DigitalAPICraft has been awarded “Delivery Partner of the Year for APAC 2017- Google Cloud” and is a premier Google - Apigee partner. Over three consecutive years (2020, 2019 & 2018), DigitalAPICraft is recognized as one of the fastest-growing technology companies by Deloitte in its Technology Fast 50 India and twice (2019 & 2018) in Technology Fast 500 Asia pacific rankings.

Located in USA, UK, and India, and with customers across the globe, DigitalAPICraft brings extensive product and platform experience to help enterprises with digital strategy and consulting, disruption engineering, end-to-end DevOps, experience engineering, and much more.

Interested in One APIHub?

Visit www.digitalapicraft.com for more information on how to accelerate your API transformation journey.