

API BOSS

White Paper

by



TekMonks

TRADEMARKS: TekMonks, the TekMonks logo are trademarks or registered trademarks of TekMonks Corporation in the United States, other countries, or both.

All rights reserved.

PATENTS: US Patent Pending

IMPORTANT PRIVACY INFORMATION: If you would like to request access to or correction of your details, or if you would prefer you or your organization not to receive further information on TekMonks products and services please contact us at: privacy@tekmonks.com

© Copyright TekMonks UK Ltd 2019

© Copyright TekMonks Corporation 2019

All Rights Reserved

TekMonks Ltd.

Kemp House, 152 City Road

London. EC1V 2NX. UK.

About TekMonks

TekMonks is disrupting the IT industry through cutting edge solutions from true AI Cybersecurity to custom built software. Consistent in bringing innovative software solutions that is the technology foundation of the future, TekMonks is:

- A full service, fast growing, and highly skilled technology firm.
- Founded in the US with headquarters in Washington DC.
- A provider of services to clients from the largest Fortune 500 companies worldwide.
- Zero debt company with a de-risked operating model, maintaining two years of operating cash reserves.
- In strong partnerships with AWS, Azure, Microsoft, and IBM.
- Continuously making history of success and satisfied clients with a 98% rate of repeat business.
- ISO 9001:2015 QMS certified¹

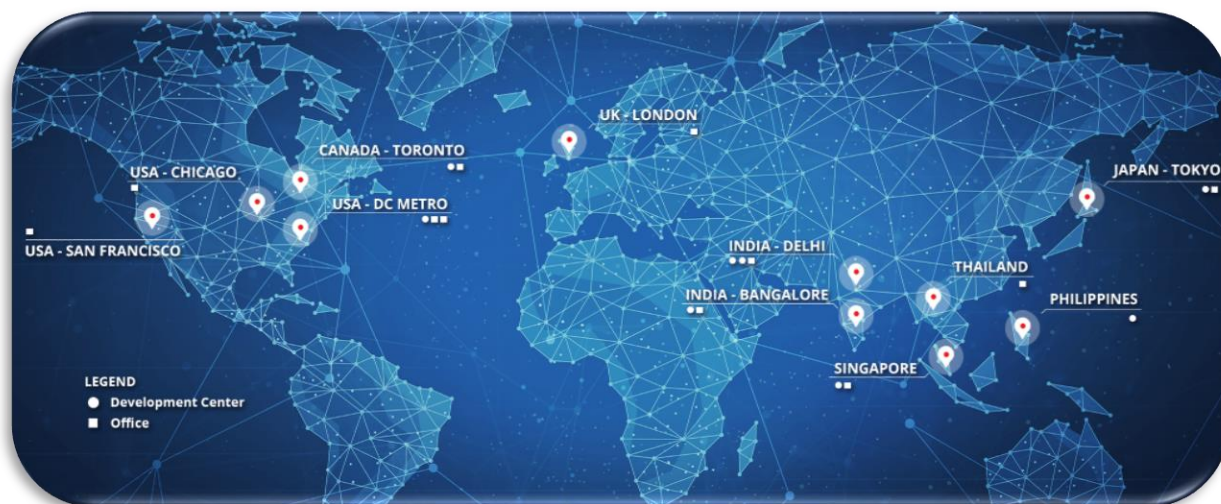


Vision Statement

To be a reputable Global Corporation providing quality solutions for business issues using technology and highly skilled people.

¹ ISO 9001:2015 is an international standard dedicated to Quality Management Systems (QMS). The QMS is the aggregate of all the processes, resources, assets, and cultural values that support the goal of customer satisfaction and organizational efficiency.

TekMonks operates from 8 countries and 11 major cities



TekMonks Pte. Ltd. Singapore	#17-01, Suntec Tower 5, 5 Temasek Boulevard, Singapore - 038985 +65 3159 1503, +65 6491 5801
Deep LogicTech (I) Pvt. Ltd. India - Business Partner	359 Aggarwal Metro Heights New Delhi 110034 +91 98100 62408
TekMonks 株式会社 Japan	〒130-0013 東京墨田区錦糸 4-6-7 万正オンダビル 401 号
TekMonks Corp. USA	1666 Connecticut Avenue, NW Washington, DC 20009 +1 888 318 4077
TekMonks Canada	1235 Bay St, Suite 700 Toronto, ON M5R 3K4 +1 888 318 4077
TekMonks Ltd. UK	Kemp House, 152 City Road, London EC1V 2NX +44 (0)2036 958 554

Table of Contents

About TekMonks	2
Vision Statement.....	2
Table of Contents.....	4
Chapter 1 Overview.....	5
Application Programming Interface (API).....	5
API Management.....	5
How it Works?	6
World's most powerful and complete API manager.....	7
Chapter 2 Key Features.....	8
Chapter 3 Benefits	10
Chapter 4 Advantages.....	12
Technical Support	12
Security Operations Center.....	13
Market beating pricing	14
Contact information	14

Chapter 1 Overview

Application Programming Interface (API)

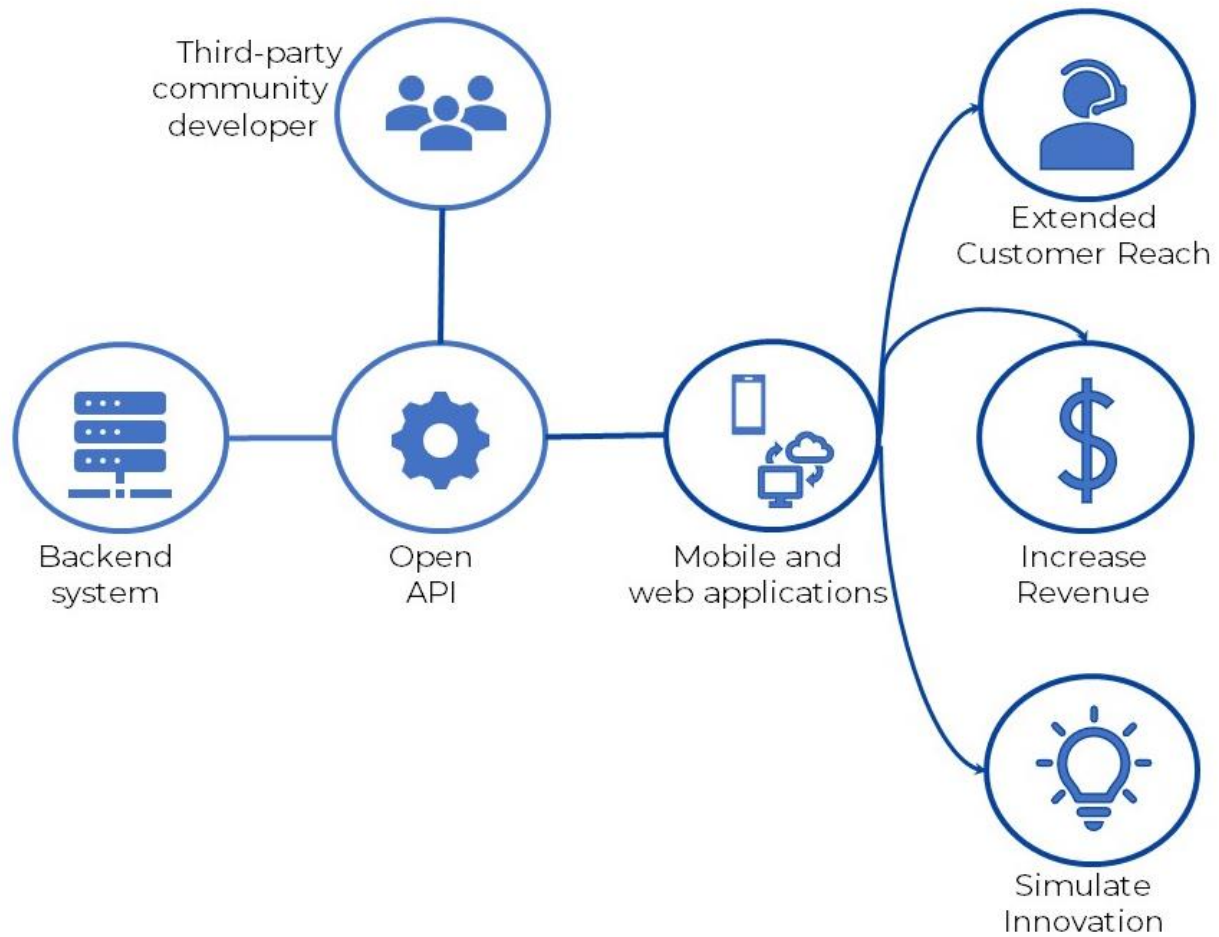
In the Financial industry, information processing is separate from cash flows. But in the era of the open banking ecosystem, it is now a thing of the past. It is the so-called “Application Programming Interfaces” or APIs that plays a significant part in the ecosystem. This API links third-party providers with the financial data necessary to connect information and cash flows. Providing innovative services, banks can then deliver increasingly convenient and universal services. It encourages usage and maximizes satisfaction in the progression of the open API-enabled ecosystem.

However, data becomes vulnerable, and security is at risk to the business of money management operations. These ever-evolving threats have forced companies to adopt active vulnerability management. Especially in industries where data security is vital and Financial Technology or Fintech is not an exception.

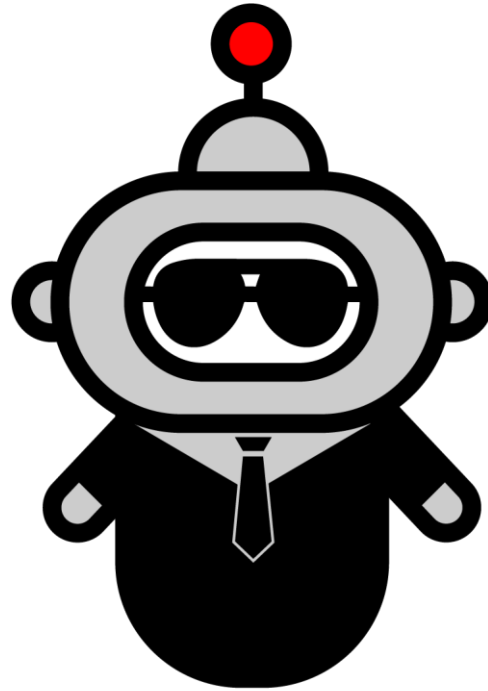
API Management

The demand for API management among enterprises and developers has a significant increase as the number of API usage in the market continues to multiply. API management establishes a consistent API gateway for existing back-end services. It allows managers to control, analyze, and deploy APIs in a secure environment. It also assists organizations in providing services to external parties, partners, and internal developers. API management expands the application value of data and services that enable companies to grow their business. A powerful tool to help companies in their pursuit for a complete digital transformation with developer participation, business insight, and analyses, coupled with maximum protection.

How it Works?



World's most powerful and complete API manager



API BOSS

API Boss is the world's most powerful API Manager and Developer Portal for JSON REST APIs and SOAP Web Services. Designed and developed by TekMonks, it has pluggable policies to support agreed Service Level Agreements (SLAs) and various scenarios possible.

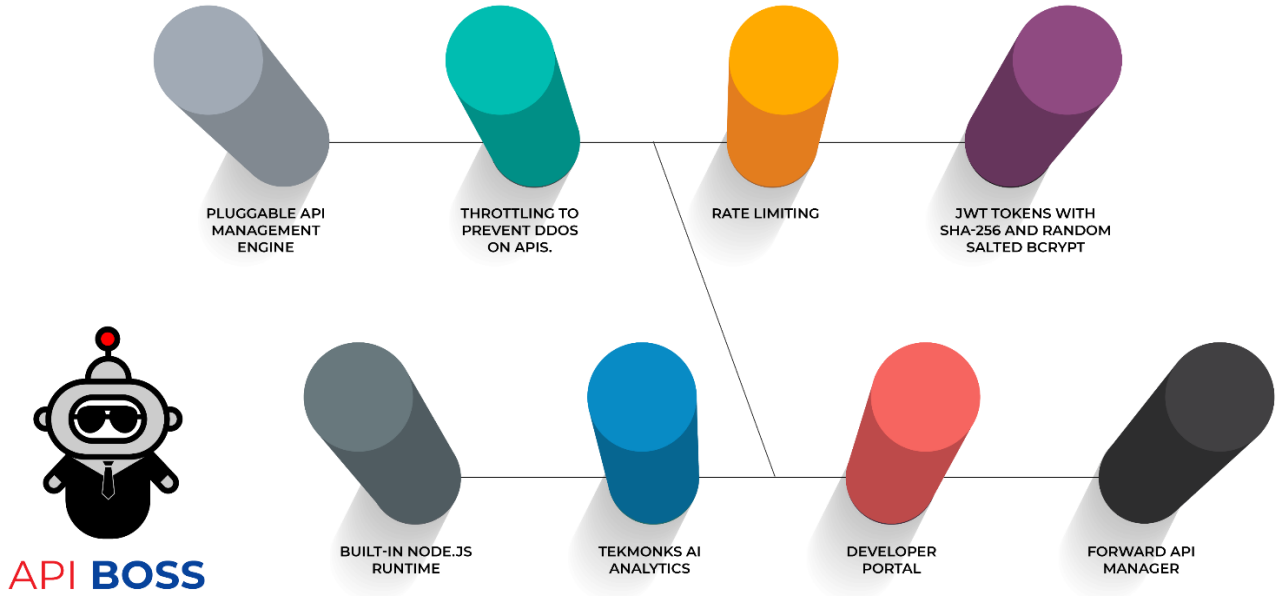
The only API manager with forward control and not just backend, API Boss allows management of APIs that are external to the organization. Part of managing is to secure also external partner APIs besides those that are in house. Thus, making it stand out with other API Management tools commercially available.

Chapter 2 Key Features



The following are the key features of API Boss:

- Pluggable API Management engine allows managing APIs with rich and complex policies.
- Throttling to prevent Distributed Denial-of-Services (DDoS) on APIs.
- Rate limiting to control requests that ensures policy compliance.
- Support for JSON Web Tokens (JWT) with Secure Hash Algorithm 256-bit (SHA-256) and random salted password-hashing function bcrypt to ensure the highest level of security possible.
- Built in Node.js runtime for creating new APIs or mashing with those that already exist.
- Integration with TekMonks AI Analytics platform for Graphic User Interface (GUI) dashboards on API Metrics
- Built in Developer Portal for exposing APIs in an API Registry
- Forward API Manager for managing external third-party APIs, Keys, and Tokens called by the Enterprise.



Chapter 3 Benefits



The following are the benefits of the API Boss:

- Stricter in terms of security
- Protection against DDOs and other Network attacks

By the features of APIBoss like Throttling the attacks can be prevented

- Policy compliance

By the features like Rate limiting Policy compliance can be enforced easily

- Control over Outbound APIs
 - APIBoss provided support for Forward API Management
 - Manages the External APIs being called by other Application servers
 - The API Keys, Tokens etc are managed at one place
- Highly Business Integrated solution
 - The APIs being used for core business process must be monitored closely and every failure must be reported timely, APIBoss logged every API transaction and thus Provided a one place solution to look for API errors
 - An API Transaction failure can easily be tracked and reported
- Bunch of added Features
 - Rate Limiting
 - Throttling

- IP Black/Whitelisting, etc

API Management

- The world's most powerful and complete API Manager, with pluggable policies to support any SLAs or scenarios.

Inclusive

- Simply put, no other product manages external partner APIs.

Support

- Support for REST, SOAP and even custom APIs, an exclusive feature of API Boss.

Chapter 4 Advantages



Technical Support

User support in the TekMonks website, email, and/or via telephone are available with up to 24x7 Service Level Agreement (SLA).

Website: <https://tekmonks.zendesk.com/>

A **Submit a request** form in the TEKMONKS website can be populated to launch a support ticket.

[TekMonks](#) > [Submit a request](#)

Submit a request

Product or Service

AI Analytics

Subject

Description

Rich text editor toolbar with icons for Bold (B), Italic (I), Text Color (ABC), Background Color (ABC), Bulleted List, Numbered List, Link, Unlink, Image, and a Help icon. Below the toolbar is a large text area for the description.

Please enter the details of your request. A member of our support staff will respond as soon as possible.

Attachments (optional)

Attachment area with the text "Add file or drop files here".

Submit

Email: support@tekmonks.zendesk.com

Every email is equivalent to a ticket. Email sender is required to at least identify the product name in the subject.

Telephone (Japanese supported): +1 (229) 269-4753

All calls are recorded and treated as tickets.

Fastest and Most Efficient Resolution

It is highly recommended to submit a request via Website or send an Email to open a ticket.

- Sufficient information is captured (including attached files and screenshots) for accurate documentation.
- Routed across the world to the appropriate TEKMONKS consultant who is online and available to assist.

Security Operations Center

Added monitoring of Security Operations Center (SOC) ensures the security of your connection, capable of the following:

- Alerts are raised on unauthorized access – Administrators are made aware which user's laptop or phone is compromised
- Alerts are also raised on rouge IP - external hackers are identified and banned
- All events are logged with the following user information:
 - User login
 - User accessing an application
 - User logout
 - User abusing authority
- All alerts are reliable and actionable – not hundreds of alerts an hour like typical SIEMs

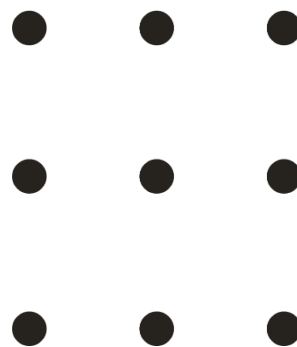


Market beating pricing

The price is of big consideration apart from its capabilities. Cost effective while fully stacked with lots of features and more. It is not just a mishmash of applications designed exclusively for institutions.

Contact information

- To request for a demo and pricing, email sales@tekmonks.com
- For general inquiries, email info@tekmonks.com
- To send a message online, click [TekMonks to Message Us](#)



TekMonks

Produced/Printed in the UK 05/07

