ProtectOnce

API Security Radically Simplified

ProtectOnce's mission is to empower organizations to safely build, test, operate, and protect all of their APIs with radical simplicity.

ProtectOnce

API security that just works

1. API Security Complexities

Modern API-driven applications are extremely complex and ever-changing. While APIs fuel growth and development speed, they expose the business logic of the application and make it a prime asset for attackers to target. Legacy WAFs are not enough, while modern solutions are too complex and expensive to run.

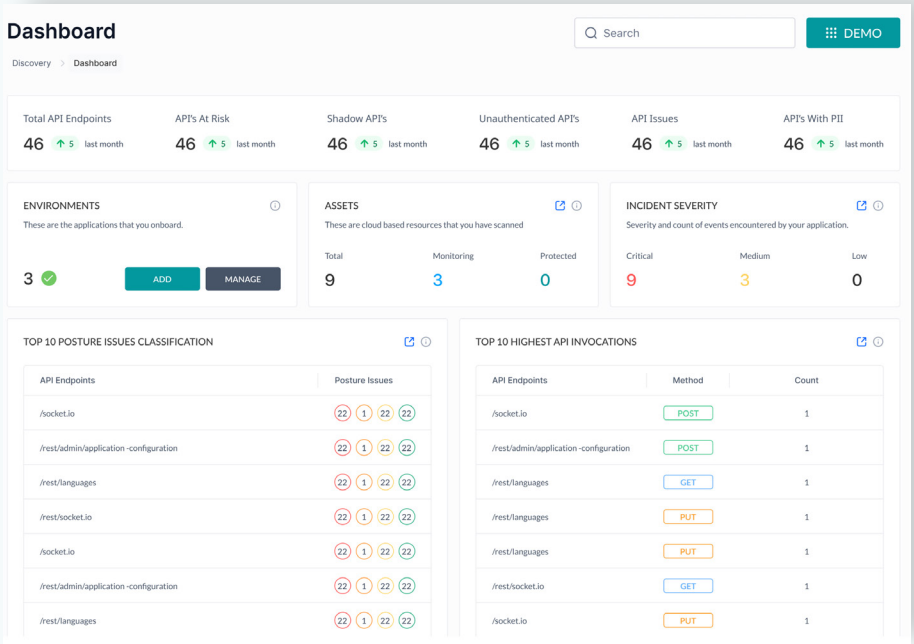
2. What makes ProtectOnce different

Full lifecycle API security
Testing, inventory, posture management, threat detection and response.

Built for taking action
easy to customize response playbooks allows you to create security workflows in minutes and take remediation action.

Agentless, automated deployment
ProtectOnce handles the complexities of deployment, so you don't have to.

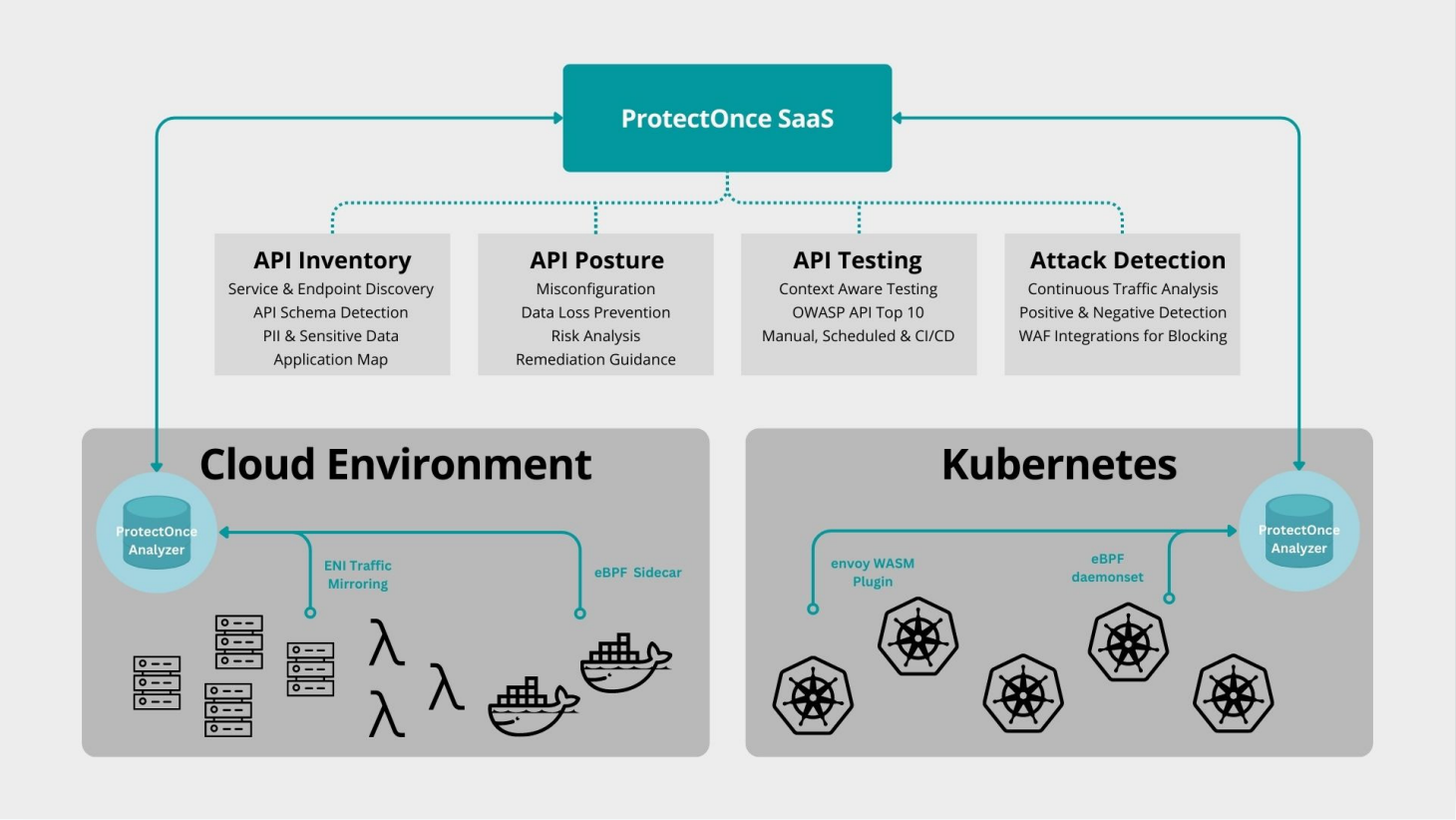
API Testing done right
ProtectOnce is the first solution to use runtime discovery data to automatically craft test cases that are specific to your environment.



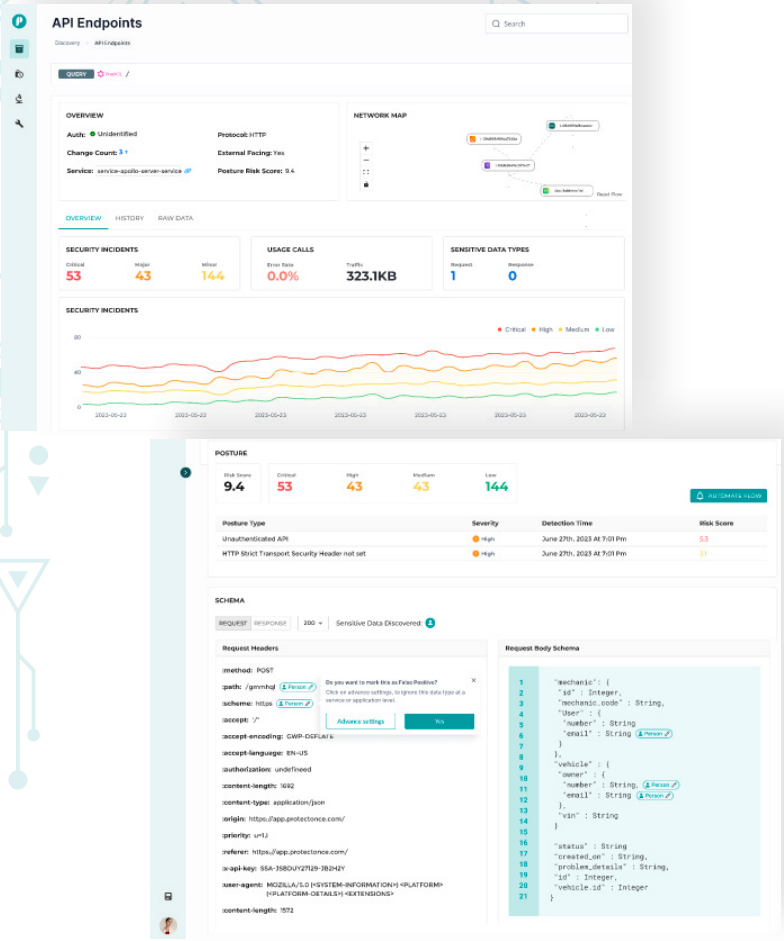
ProtectOnce

The ProtectOnce Platform

Our platform is specifically designed to provide the four essential functions that enhance your current API security, monitoring, and management systems. No matter the location or method of hosting your applications, ProtectOnce offers comprehensive protection that extends from your code to cloud.



ProtectOnce



1. API Discovery & Inventory

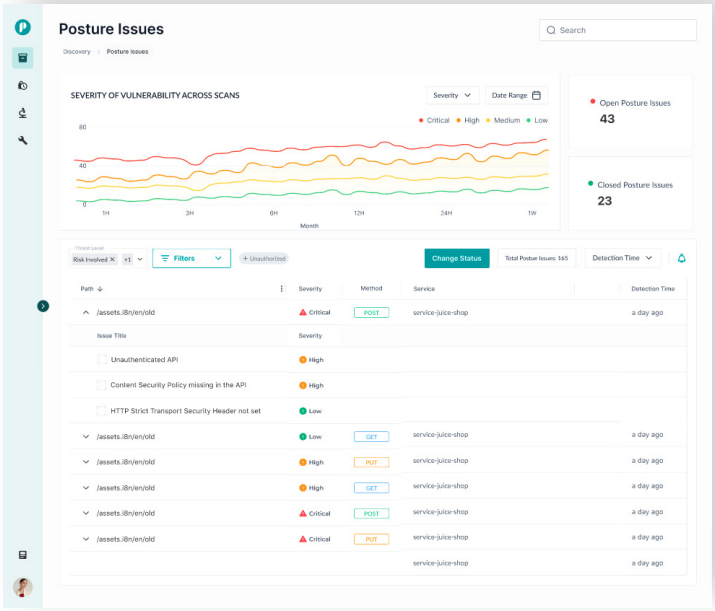
API endpoints change rapidly at certain parts of the application lifecycle, and security teams need a way to know what the up to date inventory is.

- Discover and catalog all your APIs, regardless of their setup or kind, such as RESTful, GraphQL, SOAP, XML-RPC, JSON-RPC, and gRPC.
- Identify which APIs are able to access sensitive data.
- Identify inactive, outdated, and so-called zombie APIs.
- Pinpoint shadow domains and drift from your official API schema.

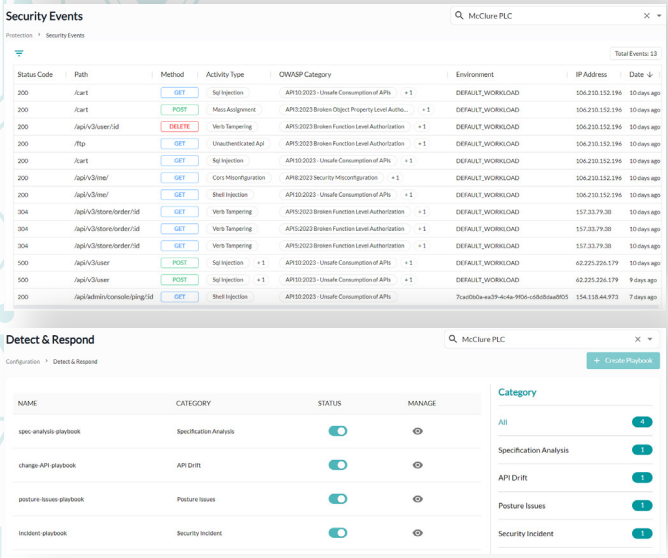
2. API Security Posture Management

Basic API misconfigurations can render you vulnerable to cyberattacks. Once hackers breach your defenses, they can easily obtain and steal your confidential information. Utilize our platform to:

- Run automatic scans of your infrastructure to detect misconfigurations and concealed risks.
- Develop tailored workflows to alert relevant stakeholders about vulnerabilities.
- Allocate severity levels to identified problems to streamline the prioritization of fixes.
- Leverage playbooks to automate actions



ProtectOnce



3. API Attack Detection & Response

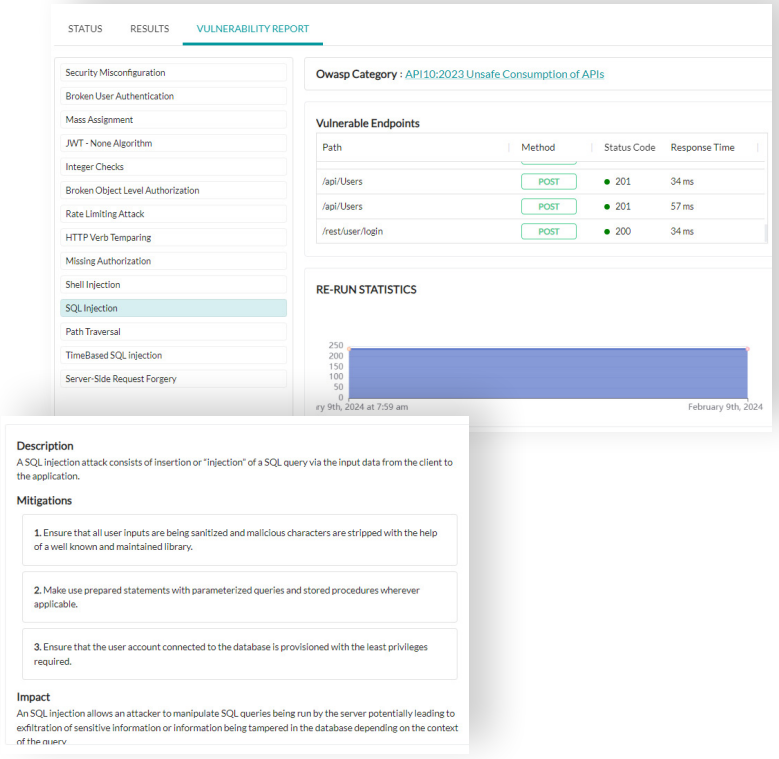
The question isn't if your organization will face an attack, but when. This necessitates the ability to identify and halt attacks as they happen. Employ our AI/ML-driven anomaly detection system to:

- Detect complex API attacks such as Broken-Object-Level-Authentication with ProtectOnce's advanced threat detection.
- Go beyond OWASP top 10 to identify and block threat actors leveraging AI
- Agentless and out of band - ProtectOnce's applies real time detection will never interfere with your app's performance..
- Respond to security events using the platform's easy to customize security playbooks.
- Integrate with existing workflows (ticketing, SIEMs, etc) to alert security/operations team

4. AI Powered API Security Testing

Shifting left is an integral part of API security. Some risks can't accurately be detected by posture analysis in runtime and sometimes, its just too late

- Unique 'purple team' approach uses runtime detected inventory and schema to dynamically craft test cases
- Automatically run tests that simulate malicious traffic, including the OWASP API Top 10
- Discover vulnerabilities before APIs enter production and reduce the risk of a successful attack
- Use mitigation information that helps patch vulnerabilities.
- Seamlessly integrate API scans and retests within CI/CD and progress towards shift left security.



About ProtectOnce

As a group of SaaS developers and cyber security entrepreneurs, application & API security has always been a pain point.

In today's cloud-native world, developing and deploying web applications is easier than ever, however properly securing them has never been more complex.

This is why we built ProtectOnce. We believe that quality API security should be accessible to all companies, big and small, without having to invest endless resources and manpower. With ProtectOnce, growing SaaS companies can get API visibility, discoverability and protection for free, with an automatic, out-of-the-box approach.

Start for free:

app.protectonce.com/signup

ProtectOnce