**42crunch**

API Capture

Automation of OpenAPI Contracts & Security Test Configurations

API Capture automates the generation of OpenAPI contracts and API security testing configurations from Postman collections and API traffic. This innovative approach expedites testing timelines, minimizes manual effort, and ensures highly secure and scalable APIs.

This results in improved compliance controls and the reduction of development times and delivery costs for secure APIs.
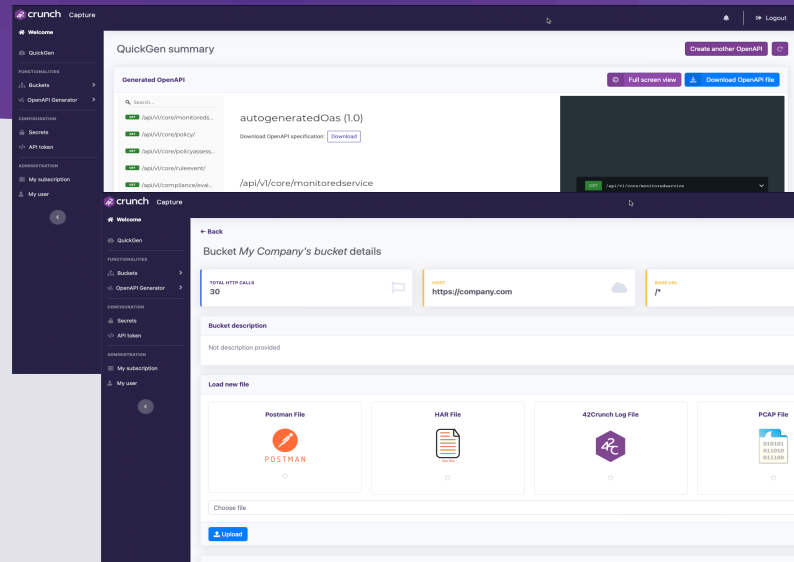
DELIVERING VALUE TO SECURITY & DEVELOPMENT TEAMS

Improve API Documentation with OpenAPI Contracts

Adopt a standards-based approach built around the OpenAPI specification to ensure that a consistent and reliable methodology is adopted across all development teams.

Automate Security Test Configurations

API Capture automatically generates testing configurations for our API Dynamic Testing engine. Those configurations can then be used to automatically test APIs for security flaws and conformance issues.

Automate for Scale

Automation drives scalability. API Capture seamlessly integrates with the platform's testing and protection services to deliver the scalability enterprises have come to expect from 42Crunch.

Accelerate Innovation

Free development teams to focus on innovating and accelerating the delivery of APIs. by automating such tasks as writing OpenAPI contracts and testing configurations.

Closed Loop Governance

API Capture captures unknown traffic and reconciles OpenAPI definitions with real traffic. Users can easily approve changes via GitHub pull requests. This way, enterprises can quickly close the loop between what is mandated and what is actually built by development.

PLATFORM CAPABILITIES

42Crunch is uniquely designed to enable a collaborative DevSecOps approach to API security. All teams: Application Security, API architects, Developers, QA, and Operations – get a shared view of API security, its shared definition, and a shared understanding of what needs to be done to enable security at scale.

All of the 42Crunch platform services (API Audit, Scan and Protect) are built to handle the ever expanding volume of microservices and APIs of today's digital businesses. API Capture seamlessly integrates with the platform's testing and protection services to deliver the scalability enterprises have come to expect from 42Crunch.

API Governance

- Discover and catalog APIs automatically
- Automate building of API Contracts from traffic and other sources
- Integrated with development repositories

API Security Testing & Vulnerability Detection

- Empower developers with security tools with no false positives
- Instantly calculate APIs security score against 300+ checks
- Automate security fuzzing from API contracts
- Deploy within any open source or commercial CI/CD

Security Governance & Compliance

- Standardized, secured API contracts
- Centrally managed security compliance rules
- Centrally managed runtime security policies

Runtime API Threat Protection

- Automated configuration from API Contracts, with no manual rules.
- Detect & block shadow /zombie APIs as well as API-specific attacks
- Standard, deployment-agnostic policies, working with any API Gateway
- Connect to your favorite SIEM for combined threat intelligence

Integrated into Developer & AppSec Workflows

Continuous API security enforcement from design through production.

ABOUT 42CRUNCH

42Crunch enables a standardized approach to securing APIs that automates the enforcement of API security compliance across distributed development and security ecosystems. Our API security testing and protection services are used by Fortune 500 enterprises and over 750,000 developers worldwide. The 42Crunch API security platform empowers developers to build security from the IDE into the API pipeline and gives application security teams control of security policy enforcement from the CI/CD across the entire API lifecycle. This seamless DevSecOps approach to API security reduces governance costs and accelerates the delivery of secure APIs.