API Fortress
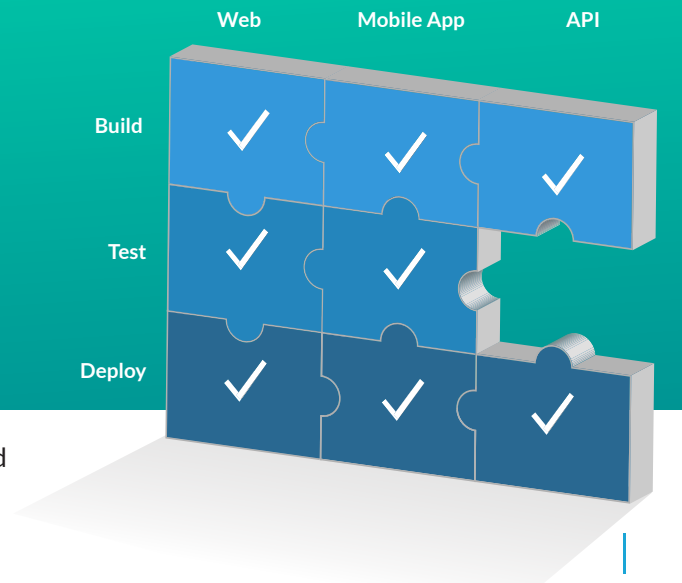# API Testing Platform

Accelerate time-to-market with API testing automation that significantly reduces risk and costs.

Web   Mobile App   API

Build

Test

Deploy

API Fortress empowers architects to work in parallel with QA and testing teams throughout the API lifecycle. With continuous API testing, our customers and partners can significantly shorten test sprints, improve code quality, and monitor functional uptime.

As an API-first platform, API Fortress integrates seamlessly with existing and future toolchains. Deploy locally behind the perimeter, or in the cloud or hybrid cloud. API Fortress is ready out-of-box for advanced API testing use cases, and offers unmatched workflow flexibility.

Fill the Gap in Your CI/CD Workflow

Web platforms and mobile applications are powered by APIs, and those APIs should be tested with the same care. Continuous testing with API Fortress means complete coverage.

Key Benefits

Build High-Quality APIs Faster

- Generate functional tests in seconds from MuleSoft payloads or specs (RAML or Swagger/OAS)
- Build tests in your IDE, our local IDE (APIF Forge), or our scriptless drag-and-drop tool, Visual Composer
- Empower architects, engineers, developers and data platform leaders to work in parallel with QA and testing teams
- Standardize good testing processes and empower distributed teams with a centralized hub for collaboration and transparency into API health and forensics

Diagnose and Remediate API Bugs Early

- Shift testing left as early as the design stage to enable API-first development
- Get detailed test reports on every aspect of the API, including pass/fail assertions, headers, and functional success
- Use our dashboard, or export report data to Kibana, Tableau, or any preferred data platform

Configure Deployments for Current and Future Needs

- Deploy locally, in the cloud, or hybrid cloud
- Integrate out-of-box with all major API gateways and any of the platforms or systems in a DevOps, SecOps, or CI/CD toolchain
- Customize API Fortress for specific QA and testing workflows
- Manage access with SAML 2.0-based SSO

Simplify Integration Testing

- Reuse functional tests as integration (end-to-end) tests
- Reproduce user flows across complex business transactions with many connections
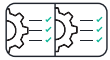- Ensure test robustness with an open workbench

"We noticed a considerable increase in the quality of code released with the help of API Fortress. Their flexible platform makes it easy to integrate API testing into any workflow without disrupting legacy or new tools. We shifted testing left and standardized a single API testing strategy across the whole organization."

API TESTING PLATFORM:

Functional: Design functional tests in seconds using your preferred method. Either build tests in your own IDE, or generate tests from a spec file or payload with a click from our GUI or downloadable application. Generate and build smart tests in seconds, not hours.

End-to-End (Integration): Easily build end-to-end tests that accurately reproduce consumer behavior. The library includes over 70 assertions and components that allow unparalleled intelligence in an API test. Write tests without needing to be proficient in programming.

Load (Stress): Use your existing functional or end-to-end tests as load tests. Setup a load test in under 15 seconds with the intuitive UI. Get detailed reporting with download and latency metrics as consumers ramp up. Accurately assess if APIs respond quickly and correctly under stress that reproduces true consumer behavior.
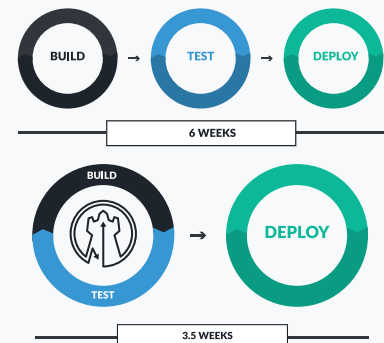
Performance and Monitoring: Schedule existing functional tests to act as uptime and performance monitors. By using existing tests you go beyond monitoring uptime, but are monitoring functional uptime of your APIs. Also monitor third-party APIs that you depend on.

Mocking: Shift left and accelerate releases with API mocking. Empower test teams to work in parallel with development teams as APIs are being written. Quickly create mocks by recording API calls, or by using the GUI.

By reducing testing bottlenecks with API Fortress, companies can significantly accelerate go-to-market:

- Our customers with a CI/CD pipeline have accelerated average release speeds by up to **40% or more**
- Our average customer has a complete test suite created using existing staff in only **2-3 weeks**

BUILD → TEST → DEPLOY

6 WEEKS

BUILD

TEST

DEPLOY

3.5 WEEKS

API Fortress Integrations

The API Fortress platform was built API-first. With out-of-the-box integrations for execution, data, and notifications, the platform can seamlessly integrate with any of your existing tools.

See a list of API Fortress partners on our website, www.apifortress.com/partners.

CI/CD Platforms:

Jenkins   Visual Studio Team Foundation Server   Bamboo   CI/CD

Version Control Systems (VCS):

GitHub   GitLab   beanstalk   PERFORCE   Azure DevOps   Bitbucket

Learn more about how our customers and partners are transforming API programs with unified and continuous API testing at APIFortress.com

SPEAK WITH A TEAM MEMBER TO LEARN MORE

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