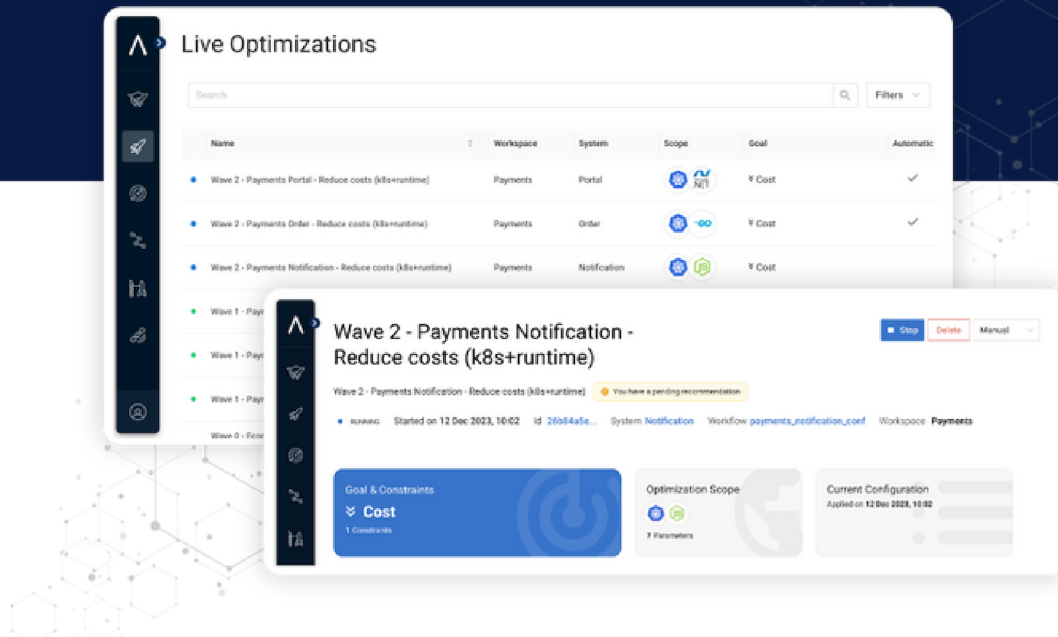


AUTONOMOUS OPTIMIZATION
FOR MODERN APPLICATIONS

The AI-powered platform for live and offline application optimization



Akamas application-aware AI maximizes performance, cloud savings, and service reliability, helping developers, SREs, and performance engineers move fast without breaking things.



The Akamas optimization platform

Akamas is the enterprise-grade solution designed to support performance engineers, SRE teams, and developers in optimizing complex, real-world applications both live in **production** and in pre-production, **testing** environments.

Unlike conventional cloud optimization tools, Akamas takes into account the configuration and behavior of distributed applications, ensuring that improvements in system efficiency do not come at the cost of application **availability**, **performance** and critical **business KPIs**.

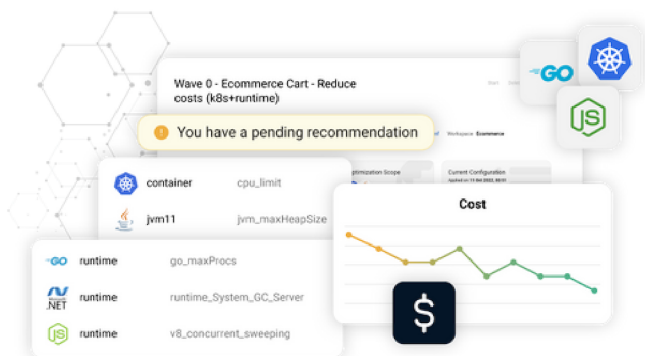
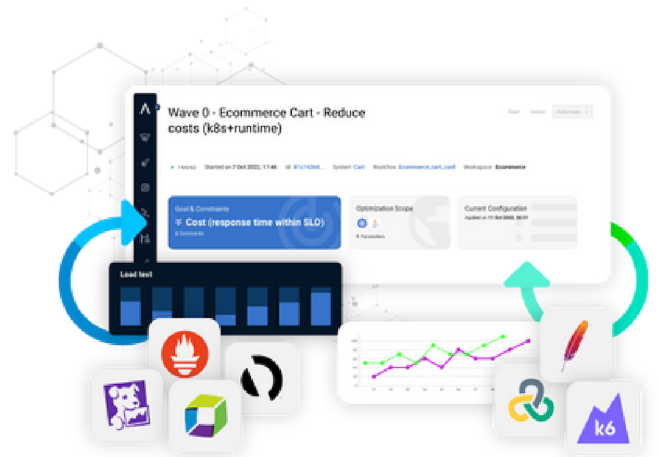
Akamas users can task the AI with user-defined optimizations goals, such as maximizing application throughput or cloud savings, or a combination of **goals**. They can also specify hard SLOs or other **constraints**, such as maximum latency or minimum transactions guarantees.



OFFLINE OPTIMIZATION

Automate performance testing and tuning

Akamas automatically runs and scores performance tests, iteratively identifying optimal full-stack configurations. Easily manage optimization workflows and evaluate configuration tradeoffs.

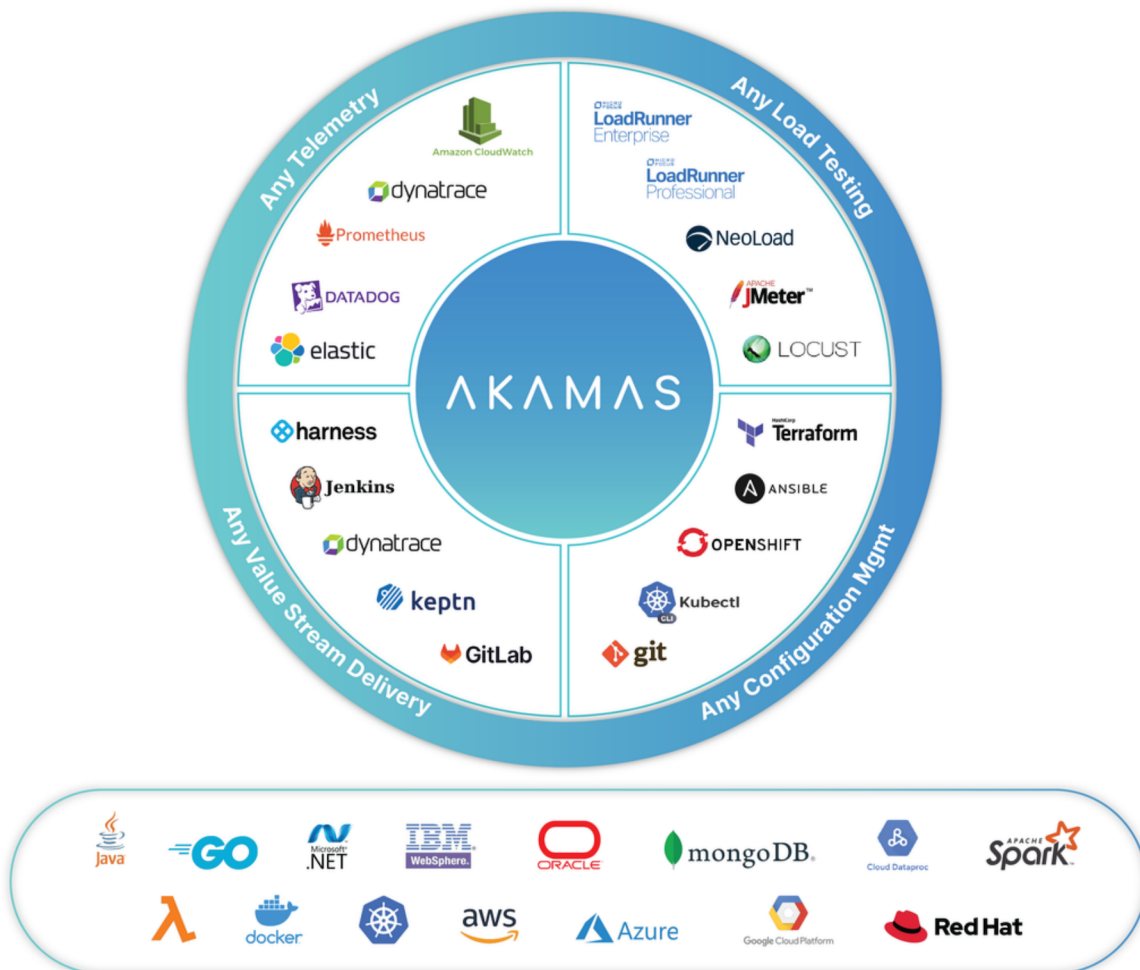


LIVE OPTIMIZATION

Optimize cloud-native applications in production

Akamas continuously optimizes applications across the Kubernetes stack, leveraging real-time data. It provides safe, incremental recommendations that meet SLOs, backed by safety policies that ensure that changes are implemented gradually and securely.

Thanks to comprehensive **APIs** and **integrations**, the platform can be easily extended to manage any system and integrate with any ecosystem.



ANY SYSTEM

Akamas can optimize **any system** with respect to any set of parameters chosen from the application, middleware, database, cloud, and any other underlying layers.

Akamas provides dozens of out-of-the-box Optimization Packs available for key technologies such as JVM, Go, Kubernetes, Docker, Oracle, MongoDB, Elasticsearch, PostgreSQL, Spark, AWS EC2 and Lambda, and more.

Optimization Pack provide parameters, relationships, and metrics to accelerate the optimization process setup and support company-wide best practices.

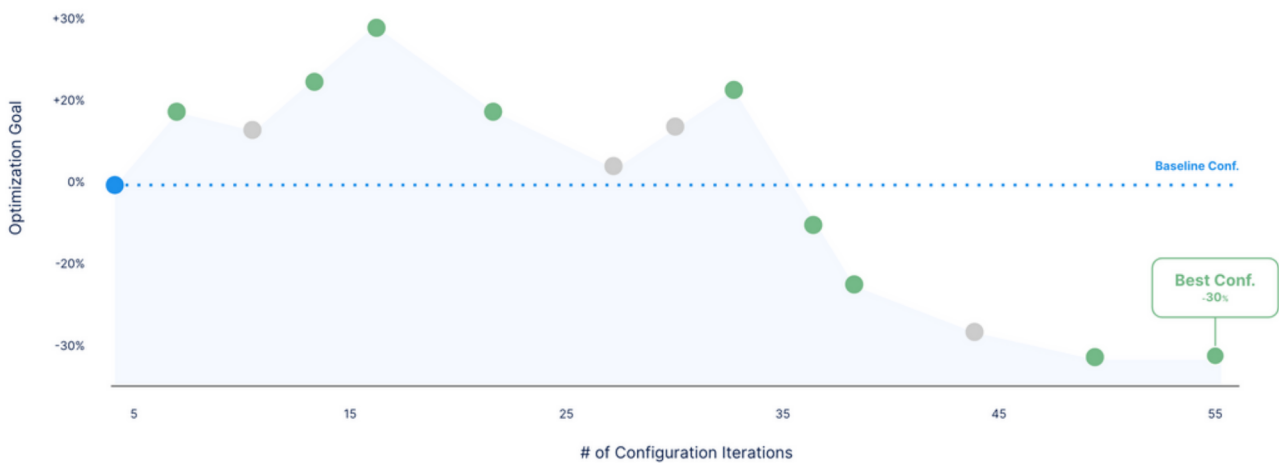
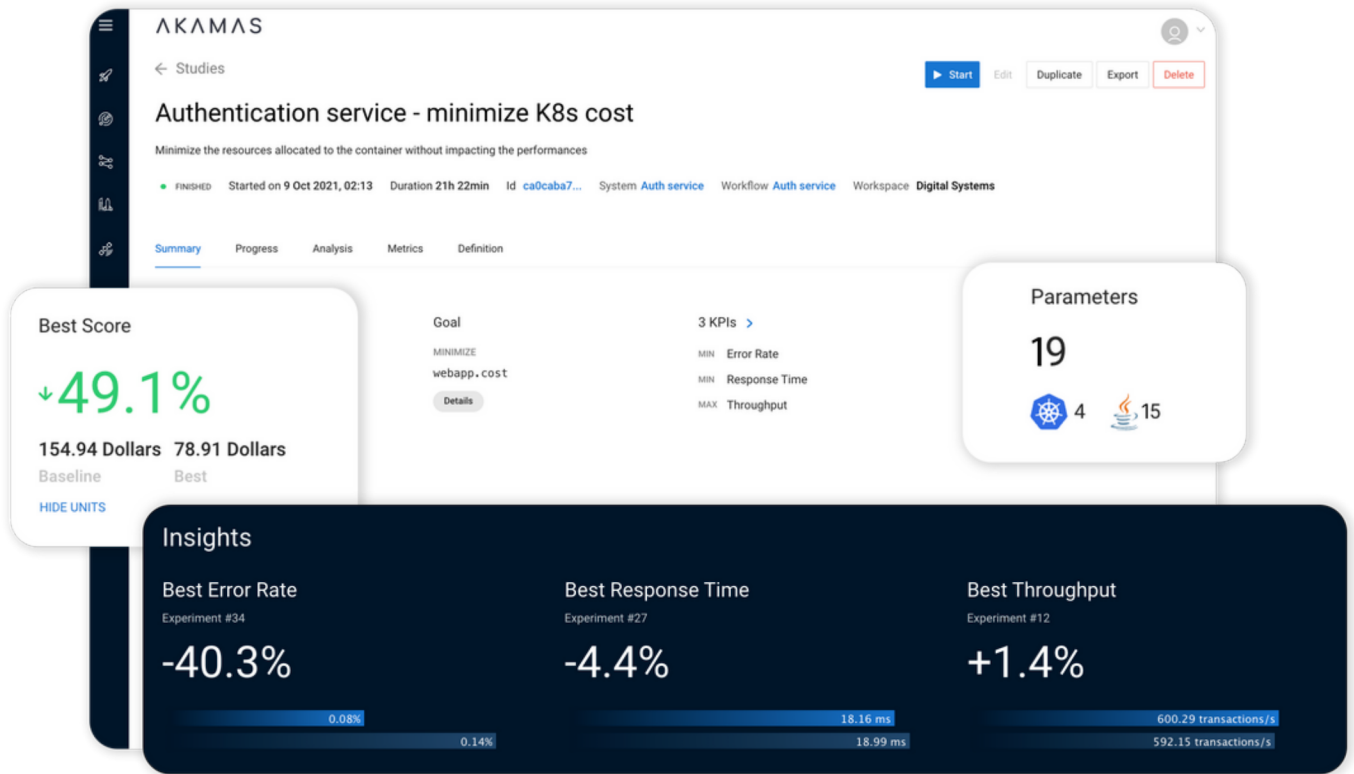
Creating a custom Optimization Pack does not require any coding.

ANY ECOSYSTEM

Akamas can integrate with **any ecosystem** thanks to out-of-the-box and custom integrations with the following components:

- **telemetry & monitoring tools**, telemetry & monitoring tools and any other sources of KPIs and cost data, e.g. Dynatrace, Prometheus, CloudWatch, and CSV files
- **configuration management** tools and interfaces to apply configurations, e.g. Ansible, Openshift, Git
- **value stream delivery** tools to support a continuous optimization process, e.g. Jenkins, Cloud Automation, and GitLab
- **load testing** tools to generate simulated workloads in test/pre-production, e.g. LoadRunner, NeoLoad, and JMeter

Contact us at info@akamas.io to request a demo or join the 15-day **Free Trial**



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