

# Accelerate FinOps Maturity with Autonomous Optimization

Sedai helps FinOps teams find and execute the cloud optimizations they need to meet cost efficiency goals

## Overview

Sedai is an autonomous cloud management platform designed to help FinOps teams optimize their cloud infrastructure and achieve maximum cost efficiency, performance, and availability. By leveraging advanced AI/ML technology, Sedai enables teams to move beyond traditional, rule-based automation and embrace a modern, autonomous approach to cloud operations.

## Build FinOps Capabilities Faster



### Rightsize Workloads & Infrastructure

Optimize horizontal & vertical scale to meet your compute needs with the least amount of compute capacity

**FinOps Capability:** Resource Utilization & Efficiency



### Purchasing Optimization

Recommends the lowest cost purchasing solution based on on-demand and savings plan options so you can optimize cloud rates

**FinOps Capability:** Commitment Based Discounts



### Autoscale Predictively

Sedai's traffic prediction models reduce overprovisioning allowing teams to take full advantage of the cloud's variable cost model

**FinOps Capability:** Workload Mgmt & Automation



### Find Inefficient Releases

Uncover code changes that cause resource waste with quantitative scorecards (latency, cost, errors) for every release

**FinOps Capability:** Managing Anomalies



### Make the right tradeoffs

Prioritize between resource efficiency and performance at a granular service level.

**Capabilities:** Resource Utilization & Efficiency

## Optimize at Scale

FinOps professionals report their #1 challenge is getting engineers to take action on cost optimization. Sedai empowers engineers to optimize cloud spending in real-time, at scale. Rather than delivering static recommendations, Sedai autonomously executes changes to capture potential savings as they emerge in real-time. Sedai's autonomous approach can safely execute actions across thousands of services, and continuously learns from experience.

### Discover → Recommend → Validate → Execute → Learn

- Sedai **discovers** your infrastructure, application and traffic patterns and behavior.
- Sedai **recommends** the optimal settings at the application and infrastructure level by understanding service behavior, dependency and seasonality.
- Sedai **validates** potential changes against pre-selected inherently safe operations with multiple safety checks
- Sedai then **executes** these changes in production in autonomous mode, on behalf of the operations team, with a full audit trail of changes
- Sedai uses **reinforcement learning** to continuously improve performance and cost.

## Supported Technologies

Sedai supports a range of cloud compute (AWS ECS, AWS Lambda, Kubernetes and Amazon EC2) and storage (Amazon EBS) technologies.

## Get Started Easily

- **Initial setup in as little as 15 minutes:** Rapid agentless or agent-based deployment to begin reading metrics. Setup with CI/CD & other tools may require additional time
- **Works seamlessly with existing tools & workflows:** Integrates with q`Prometheus, Datadog and other popular APM tools, ingress providers and CI/CD tools. Supports AWS Fargate
- **No management burden:** Operates autonomously on behalf of the operations team
- **Simple pricing:** Volume-based pricing with free tier

Accelerate your FinOps journey today at [sedai.io](https://sedai.io)