

Autonomously Optimize Modern Applications

Sedai continuously optimizes AWS Lambda, AWS ECS and Kubernetes deployments for performance, availability & cost using AI/ML at scale

<p>Cost Efficiency Gain</p> <p>50%</p> <p>Optimize resource efficiency for batch and other non-critical workloads</p>	<p>Latency Reduction</p> <p>75%</p> <p>Increase performance for customer-facing real-time services</p>	<p>FCI Reduction</p> <p>50%</p> <p>Cut failed customer interactions (FCIs) due to service availability</p>	<p>Productivity Gain</p> <p>6X</p> <p>Leverage autonomous systems to cut the toil of operations management</p>
---	--	--	--

Capabilities

- 

Autonomous Optimization
Optimizes for cost & performance based on machine learning to meet your performance and cost goals
Problem solved: Latency, Cost
- 

Autonomous Remediation
Detect & remediate problems including timeouts, memory settings, out of memory and restarts.
Problem solved: Failed Customer Interactions (FCIs)
- 

Release Intelligence
Quantitative scorecards on the production performance (latency, cost, errors) of every release
Problem solved: Release Velocity
- 

Smart SLOs
Add existing SLOs and Sedai will optimize applications to meet them. Sedai can also recommend SLOs & error budgets based on past performance
Problem solved: Performance, Availability

Supported Technologies

Sedai supports serverless (AWS Lambda) and container (AWS ECS, AWS EKS and other Kubernetes services) based applications.



How Sedai works

Sedai is an autonomous cloud management platform powered by AI/ML delivering continuous optimization that helps modern application teams to maximize performance, cloud cost efficiency and availability at scale. Sedai enables teams to shift from static rules and threshold-based automation to modern ML-based autonomous operations. Sedai runs in production at major enterprises & high growth companies.

Discover → Recommend → Validate → Execute → Learn

- Sedai **discovers** your infrastructure, application and traffic patterns and behavior.
- Sedai **recommends** the optimal configuration (e.g., memory, CPU, timeout) by understanding application behavior, dependencies and seasonality.
- Sedai **validates** potential changes against pre-selected inherently safe operations with multiple safety checks
- Sedai then **executes** these changes in production, on behalf of the operations team, with a full audit trail of changes
- Sedai uses **reinforcement learning** to continuously improve performance and cost.

Get Started Easily

- **15 min onboarding:** Rapid agentless or agent-based deployment
- **Works seamlessly with existing tools & workflows:** Integrates with popular APM tools including Cloudwatch, Prometheus, Datadog as well as notification, ITSM & runbook tools
- **No management burden:** Operates autonomously on behalf of the operations team
- **Simple pricing:** Volume-based pricing with free tier

Start free at sedai.io