



Automate Kubernetes management and optimization for Azure

CAST AI continuously monitors your Azure Kubernetes Service cluster and applies changes in real time to keep your configuration cost-efficient and secure.

4.8/5 rating on G2

Integrates with:



Terraform



Helm



Grafana



Prometheus



Jira

Works with:



Azure

Available on:

Microsoft | Azure Marketplace

Why Kubernetes requires automation:

Manual effort

Managing cloud infrastructure is time-consuming and repetitive, stealing DevOps time and energy.

Real-time demand changes

Optimizing cloud and cluster resources manually is impossible with rapid fluctuations in user demand.

Security challenges

Kubernetes security is challenging, and teams are drowning due to alert fatigue and a lack of automated remediation.

MANAGED BY	COUNT	LINUX OS	WINDOWS OS	CPU	GIB
CAST AI	568	500	68	61.7%	61.7%
AKS	239	200	39	55.6%	55.6%

How CAST AI helps:

VM rightsizing

The platform automatically selects, provisions, and decommissions compute instances according to dynamically changing workload demands, always ensuring your applications run smoothly.

Workload autoscaling

Workload autoscaler responds to real-time demand changes and scales resources up or down without downtime. Scaling policies automatically apply the best recommendations for optimized performance.

Spot instance automation

Automate the entire spot instance lifecycle – we find the best match for a given workload, provision the instance, and relocate workloads to an on-demand instance if interruptions occur and no Spots are available.

Instant rebalancing

CAST AI automatically replaces some (or all) suboptimal nodes with the most cost-efficient and up-to-date ones.

What our customers are saying:



“The core savings we got are just brilliant, falling between 40-70%, depending on the workload. But that’s not the full story. Before implementing CAST AI, my team was constantly moving around knobs and switches to make sure that our production environments and customers were up to par with the service we needed to invest in.

Now engineers have more bandwidth to focus on other areas they couldn’t invest in before, like releasing features faster for our customers.”



Dekel Shavit
Senior Director of Engineering at Akamai

NIQ

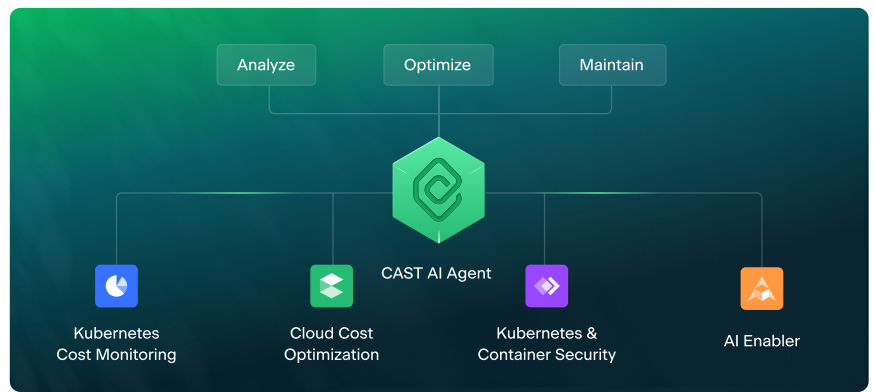
- 100% ROI achieved in two month
- Time savings thanks to automated node provisioning
- Up to 80% of cloud cost savings



- 40-70% cost savings on Kubernetes workloads
- Tremendous time savings and enhanced engineer productivity
- Zero downtime or incidents

Benefits of CAST AI:

- Average cost reduction of 50%
- Massive DevOps time savings
- Seamless Kubernetes security



10/10 rating

“We appreciate the ease of use and the efficiency gains CAST provides, allowing teams to focus on development rather than infrastructure management.

We also significantly reduced cloud costs for AKS in Azure. CAST is helping for managing cluster autoscaling and spawn optimal nodes. Also additional features like security scanning and giving potential vulnerabilities in our images helps a lot.”

Danail S.
DevOps engineer, Mid-Market (51-1000 emp.)

See our automation features in action.
Get a personalized demo of CAST AI



Book a demo

Security you can trust



Top 10 DevOps Companies in 2024