



# Fairwinds Insights

Software for platform teams to enable developers on Kubernetes

**Gartner** expects that by 2026, 80% of software engineering organizations will establish platform teams as internal providers of reusable services, components and tools for application delivery. Platform engineering will ultimately solve the central problem of cooperation between software developers and operators.

Fairwinds Insights' integrated SaaS platform enables platform teams to accelerate app delivery on Kubernetes 50% faster than one-off, ad hoc or manual approaches. At the core of Insights, platform teams implement Kubernetes configuration standards and policies that enable developers to deploy quickly and consistently – ultimately reducing security risk, costly over-provisioning and reliability issues.



## Make Platform Teams' Lives Easier

- Enforce consistency across clusters and dev teams
  - Reduce time spent in code review, enforce consistent configuration and implement out of the box policies – or bring your own opinions with customized policies. Accelerate Kubernetes app migrations.

## Give Developers Relief

- Provide automated help to the app dev team based on established policies
  - Make it easy for developers to use Kubernetes. Show why code failed and how to remediate issues. Let devs stay in familiar tools to increase development velocity.

## Demonstrate Responsible Spending

- Spend cloud resources appropriately
  - Based on usage and availability standards, gain visibility into Kubernetes to allocate and attribute costs to workloads and teams. Customers typically save 25% or more through app right-sizing.

## Keep Compliance & Security Happy

- Automated remediation to minimize risk
  - Insights scans workloads for vulnerabilities and security misconfigurations in dev through runtime. Enforce security and demonstrate compliance.

Trusted By:



HITACHI

PagerDuty

FRAMEBRIDGE

VERACODE

## HOW FAIRWINDS INSIGHTS SUPPORT BUSINESS GOALS

Insights is a solution for platform teams, so why should the business care? Using Insights, the platform team is able to:

### Unlock 50% ROI for platform teams

No longer having to manually review code helps the platform team save up to 50% of their time. This can be better spent on enhancing the platform or innovating for the organization. Further, because Kubernetes talent is hard to find, Insights can help alleviate some of the pressure to hire while also improving headcount efficiency.

### Accelerate time to market

Developers are better equipped to build on top of the Kubernetes platform. With guardrails in place, problems are fixed earlier so applications don't get hung up in code review, which slows time to market.

### Improve cloud utilization

Instead of having open limits on cloud usage, Insights helps platform teams and developers to right-size applications. With a better understanding of usage, the team can more effectively negotiate cloud contracts. With showback features, FinOps teams can allocate cloud resources appropriately.

### Automate compliance

Whether in heavily regulated industries or not, every company has policies that need to be enforced. Insights helps platform teams set the policies and enforce them. Security teams can also automate compliance evidence collection for standards, such as SOC 2, or CIS or NSA benchmarks.

## ADDITIONAL BENEFITS



Automate common manual operations tasks



Decrease outages and downtime



Improve Kubernetes security posture



Accelerate adoption of Kubernetes standards



Consolidate tooling

## HOW FAIRWINDS INSIGHTS WORKS

Your platform team owns Kubernetes. Fairwinds Insights integrates seamlessly across the entire development lifecycle. Insights continuously scans workloads against your mission-critical policies, identifies issues and automates remediation.

Available as SaaS or self-hosted, platform teams install the Fairwinds Insights agent in their clusters. This approach enables Fairwinds to also support multi-cloud, hybrid-cloud and on-prem scenarios.

### Deliver feedback at time of pull request

Scan changes in each pull request to notify developers or break the build whenever misconfigurations are found. Out of the box support for popular CI/CD platforms and GitHub.

### Runs as an admission controller

Restrict Kubernetes resources from entering clusters if they don't conform to organizational policies.

### Enforce policies

Insights enables platform teams to globally set default values for any policies used by any of the Report Tools in Insights. These settings make it easy to customize Insights for common policy scenarios without having to first write Automation Rules.

### Automate rules

Fairwinds Insights can automate certain actions within Insights. For instance, you can create Automation Rules to:

- Set Assignee
- Set Resolution and Severity level for Action Items that match a certain pattern
- Create Action Item exceptions for resources in a cluster or namespace
- Create a Jira ticket or Slack message when certain Action Items are detected in clusters

## FEATURES

### Kubernetes Cost Optimization & Avoidance

- Workload/node/cluster cost allocation
- Track spend over time
- Advice on CPU and memory settings

### Developer Enablement

- Enable developer self-service with continuous scanning
- Policy library/policy-as-code automation
- Custom policies

### Security

- Infrastructure-as-Code scanning
- Container vulnerability scanning
- Runtime threat monitoring using Falco



## IDENTIFY EARLY. FIX FAST. GAIN PEACE OF MIND.

Get applications to production readiness with Fairwinds Insights. Platform teams establish standards to apply across all clusters and all IaC repos. Eliminate developer guesswork, so they can ship Kubernetes apps faster without struggling to handle security and cost considerations.

### Develop with Kubernetes Guardrails

100+ built-in policies and a library of OPA templates to help identify Kubernetes misconfigurations. Guardrails shift left to the CI/CD pipeline, preventing security and configuration issues from reaching production.

### Monitor and Optimize Kubernetes Cost

Rightsize workloads based on actual usage, avoiding hours of trial and error. Increase the efficiency of Kubernetes compute resources to save on cloud spend.

### Equip Developers to Fix Issues

Empower dev teams to own security, performance and cost configurations in their applications.

### Achieve Compliance Faster

Adopt a platform that makes the Kubernetes compliance scope easy to understand and implement.

### Eliminate Security Vulnerabilities and Blind Spots

Continuously monitor multiple clusters to pinpoint and prioritize risks. Gain actionable remediation advice and status tracking.

### Operationalize Open Source at Scale

Fairwinds Insights integrates leading open source projects and Fairwinds software into one scalable, centralized management solution. Enable open source at scale for multiple clusters and teams. Managing open source becomes easier with more visibility into what is installed and how it is installed.

**Goldilocks**  
by Fairwinds

**polaris**  
by Fairwinds

**pluto**  
by Fairwinds

**nova**  
by Fairwinds

  
Open Policy Agent

  
kube-hunter

  
trivy

  
kube-bench