

Observability and Audit

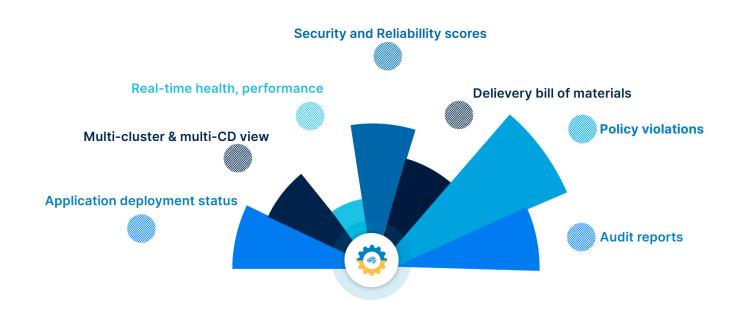
Real-Time Deployment Insights & Governance Across Your CD Pipelines

CHALLENGES

As software delivery speeds up, integrating security and compliance into CI/CD pipelines becomes increasingly difficult. Manual checks, siloed security tools, and lack of policy enforcement often result in vulnerabilities slipping into production. DevOps and security teams struggle to ensure governance without slowing down releases. The risk grows with scale—especially across multi-cloud and Kubernetes environments—where visibility and control are often fragmented.

CONTINUOUS DELIVERY: SPINNAKER & SUPPORT

Observability & Audit provides real-time visibility, deployment traceability, and centralized auditing across your CI/CD ecosystem. Integrated with Argo CD, Spinnaker, Kubernetes, and Prometheus/Grafana, it gives teams a unified view of application status, health, and deployment history. The module supports OpenTelemetry-based data collection, offers dashboards for multi-cluster and multi-CD monitoring, and delivers actionable insights to speed up troubleshooting and ensure compliance. With OpsMx, teams gain transparency and control at every stage of delivery.





FEATURES



Enterprise-wide application dashboard

- Gain real-time insights into application deployments, tracking- application name, deployment status, health status, resource utilization, clusters, namespaces, and more.
- Identify deployment bottlenecks, track changes, and troubleshoot issues instantly.

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Multi-cluster & multi-CD deployment dashboard

- View consolidated deployment data across multiple Argo CD or Spinnaker instances.
- Monitor deployments across different clusters, environments, and CD tools from a single pane of glass.

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Total Applications	🏵 Hea 21	Ithy Applications		V Degrad	ed Applications Out of Sync Applications 6		Deployments Last 7 Days ~ 14
Applications Search	٩						All CD Tools 🗸 🗸
Application	CD Tool	Last Synced	Sync Status	Health	Source	Revision	Destination Cluster
resource-hook-test	agent-prod:argocd	Mar 16, 2023 16:25:54	SYNCED	HEALTHY	https://github.com/sreejith-opsmx/argorepo/tree/HEAD/canary_demo	e3f241d	https://kubernetes.default.svc
esource-test	agent-prod:argocd	Mar 15, 2023 10:35:50	OUTOFSYNC	DEGRADED	https://github.com/OpsMx/argocon-sample-apps/tree/HEAD/resource-test	33c6ecb	https://kubernetes.default.svc
autopilot-rollout	agent-prod:argocd	Feb 24, 2023 16:28:25	SYNCED	DEGRADED	https://github.com/opsmx/isd-sample-apps/tree/HEAD/autopilot-rollout	f9d2ba2	https://kubernetes.default.svc
opsmx-demo	agent-prod:argocd	Feb 24, 2023 10:47:46	SYNCED	HEALTHY	https://github.com/OpsMx/argocon-sample-apps/tree/HEAD/opsmx-demo-02	33c6ecb	https://kubernetes.default.svc
gbookhelm	agent-prod:argocd	Feb 17, 2023 16:44:01	SYNCED	HEALTHY	Helm:33c6ecb	33c6ecb	https://kubernetes.default.svc
rollout-demo	demoargo-opsmx-agent:demoargo	Feb 15, 2023 06:06:11	SYNCED	HEALTHY	https://github.com/argocon22Workshop/argoCDRollouts101/tree/HEAD/ma	210c0da	https://kubernetes.default.svc
argo-rollouts	demoargo-opsmx-agent:demoargo	Feb 15, 2023 05:18:59	SYNCED	HEALTHY	https://github.com/balajisiva/ArgoCDRollouts/tree//manifests/ArgoCD101-R	ed241ea	https://kubernetes.default.svc
guestbook	demoargo-opsmx-agent:demoargo	Feb 15, 2023 05:16:09	SYNCED	HEALTHY	https://github.com/balajisiva/ArgoCDRollouts/tree//manifests/ArgoCD101-G	ed241ea	https://kubernetes.default.svc
enent4	agent-prod:argocd	Feb 2, 2023 22:02:39	SYNCED	HEALTHY	https://github.com/OpsMx/tenents-process-argo-manifests/tree/HEAD/tene	f0a1079	https://kubernetes.default.svc
enent3	agent-prod:argocd	Feb 2, 2023 22:02:38	SYNCED	HEALTHY	https://github.com/OpsMx/tenents-process-argo-manifests/tree/HEAD/tene	f0a1079	https://kubernetes.default.svc
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Monitoring & health tracking of CD tools

- Observe real-time health, performance, and availability of all your CD tools.
- Track and analyze Spinnaker and Argo CD performance by scraping metrics into Prometheus and Grafana using OpenTelemetry.

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Access Management					
💼 Agents					
Analysis Templates	Search Q	AWS-CLOUDWATCH			
CD Integration	Monitoring Tools	Account Name * 💿			
		staging.new@opsmx.io Account Name cannot contain special char	actors other than	0	
Integrations	🜷 Amazon CloudWatch	Access Key Id * (2)	acters other than -		
	AppDynamics				
	💹 Datadog	Secret Access Key * 💿			
	💋 Dynatrace	Example: 3ewK1MRlWQ9zfzBqTYQ			
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	Prometheus	Select Group	View Delet	te 🔟	
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	Stackdriver		Cancel	Save	
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Centralized auditing & governance

- Maintain detailed audit trails for all deployments across teams, environments, and CD pipelines.
- Ensure compliance with industry standards (SOX, HIPAA, GDPR, etc.)

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Applications			39	Deployments				86
Search	۹			All CD Tools	∨ La	st 6 Months	~ 1] =
Application	CD Tool	Deploy Started At	Deployed At	Services	Images	Duration	Source	
tenent3	standalone-argo-o	Jan 15, 2025 2	Jan 15, 2025 2	appleapp	nginx +1	00:00:00	https://github.c	om/OpsN
tenent2	standalone-argo-o	Jan 15, 2025 2	Jan 15, 2025 2	pearapp	nginx +1	00:00:00	https://github.c	om/OpsN
tenent1	standalone-argo-o	Jan 15, 2025 2	Jan 15, 2025 2	bananaapp	nginx +1	00:00:00	https://github.c	om/OpsN
prometheus-rollouts-	standalone-argo-o	Jan 15, 2025 2	Jan 15, 2025 2	prometheus	argoproj/roll	00:00:01	https://github.c	om/OpsN
prometheus-analysis	standalone-argo-o	Jan 16, 2025 1	Jan 16, 2025 1	pure-gitops	quay.io/ops	00:00:00	https://github.c	om/OpsN
opsmx-demo	standalone-argo-o	Jan 15, 2025 2	Jan 15, 2025 2	opsmx-demo	quay.io/ops	00:00:01	https://github.c	om/OpsN
nginx-deploy	standalone-argo-o	Jan 17, 2025 1	Jan 17, 2025 1	nginx +1	nginx +3	00:00:01	https://github.c	om/OpsN
issuegen-app	standalone-argo-o	Jan 15, 2025 2	Jan 15, 2025 2	issuegen	quay.io/ops	00:00:01	https://github.c	om/OpsN
helm-kubernetes	standalone-argo-o	Jan 17, 2025 1	Jan 17, 2025 1	hello-kubern	paulbouwer/	00:00:00	hello-kubernete	:s:1.0.3 (h
guestbook	standalone-argo-o	Jan 15, 2025 2	Jan 15, 2025 2	guestbook-ui	gcr.io/heptio	00:00:01	https://github.c	om/OpsN



CNOE-based data collection

- Collect deployment and operational metrics using Cloud-Native Open Enterprise (CNOE) standards such as OpenTelemetry.
- Provides flexibility to choose tools such as Prometheus and Grafana to monitor CD health, deployment trends, and failure patterns, etc.





KEY BENEFITS



3X safer release process

With better visibility, you can optimize your software release process and avoid pipeline failures, policy violations, or inadvertently introducing errors into production.



360° visibility of application deployment

Get consolidated real-time information about all your deployments in a single plane.



Improved SDLC decision making

Implement provides delivery strategies such as canary, blue-green, and progressive delivery to release applications safely into production.

ABOUT US

OpsMx simplifies and accelerates comprehensive application security from developer to deployment building on Al-driven automation, open source security tools, and a deep understanding of the software delivery process. OpsMx enables tens of thousands of developers at both fast moving innovators and global enterprises to deliver more secure software faster.

FOR MORE INFORMATION, CONTACT US:

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