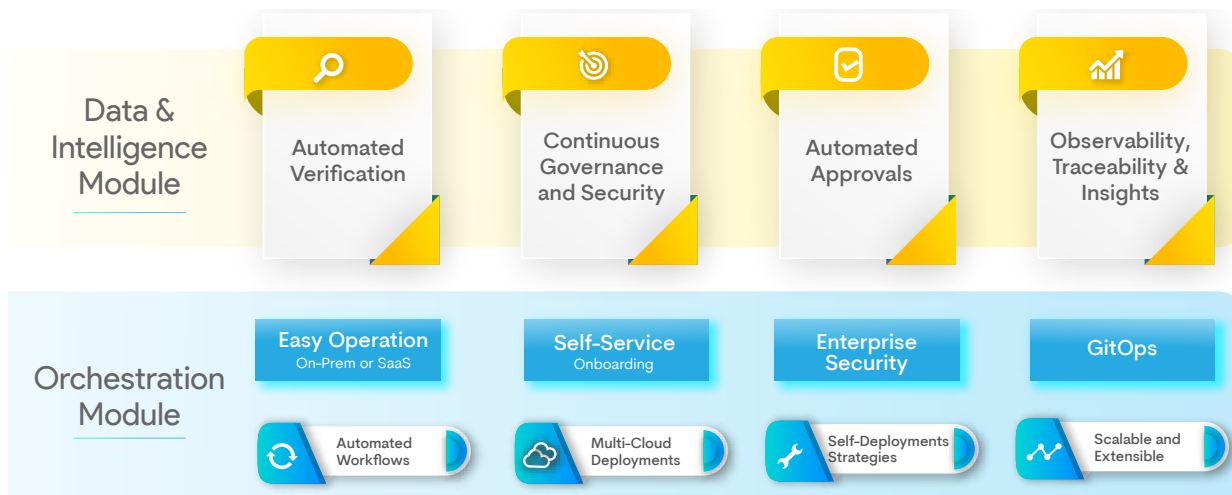# OpsMx

OpsMx Intelligent Software Delivery

*A modern continuous delivery platform designed to
eliminate human intervention in the software delivery process*

BUSINESS CHALLENGES

Enterprises struggle to implement a safe and secure continuous delivery practice that scales for multi-cloud environments. As organizations scale CD, their codebases, services, languages, infrastructure, risks, and, most notably, complexity increases. Increasing complexity is challenging even for the most advanced organizations. With growing complexity, it becomes increasingly difficult to deliver software to customers with high confidence and velocity.

OpsMx Intelligent Software Delivery Platform (ISD) is a highly scalable, intelligent multi-cloud software delivery platform that leverages leading open source project Spinnaker for its underlying multi-cloud orchestration functionality while adding simplicity, security, safety, and intelligence to the platform.

Data & Intelligence Module	Automated Verification	Continuous Governance and Security	Automated Approvals	Observability, Traceability & Insights

Orchestration Module	Easy Operation On-Prem or SaaS	Self-Service Onboarding	Enterprise Security	GitOps
	Automated Workflows	Multi-Cloud Deployments	Self-Deployments Strategies	Scalable and Extensible

KEY BENEFITS ▼

Accelerate the Velocity of Software Delivery

Replace manual scripts with automated workflows that scale across multi-cloud environments.

Deploy Software Safely and Reliably

Deploy applications quickly and safely through out-of-box support for Canary and Blue-Green deployments.

Data Driven Decisions

Make informed approvals and decisions across all stages of a deployment pipeline.

Minimized Risk of Production Failures

Automatically determine the risk of every software change before releasing to production.

Ensure Security and Compliance

Mitigate Risk and vulnerabilities by security and policy enforcement in pipelines.

Streamline Onboarding and Complexity

SaaS option provides immediate access to the OpsMx ISD platform with no maintenance and operational burden.

OpsMx Intelligent Software Delivery(ISD) Key Modules

OpsMx ISD's modular architecture gives you the choice of full-stack deployment automation with Spinnaker or extending your current CD platform with ISD's Intelligence and Data module.

Orchestration Module

OpsMx Enterprise for Spinnaker(OES)

OpsMx Enterprise for Spinnaker (OES) is a highly scalable, secure, multi-cloud continuous delivery solution that helps you release software changes with high velocity and confidence. OES empowers teams to modernize their software delivery: release more quickly, reduce risk, and cut costs.

OpsMx Enterprise for Spinnaker

Data Intelligence Module

OpsMx Autopilot

OpsMx Autopilot provides real-time analytics to automate data-driven risk assessments for software releases. Autopilot analyzes the risk of all changes, automatically determining the confidence that an update can be promoted to the next pipeline stage without introducing errors. Autopilot reduces errors in production, increases release velocity, and improves security, quality, and compliance.

OpsMx Enterprise for Spinnaker

OpsMx Enterprise for Spinnaker (OES) is the orchestration module of ISD Platform. It is a highly scalable, secure, multi-cloud continuous delivery solution that helps you release software changes with high velocity and confidence.

- **Simple:**

Simplified LCM of Spinnaker with easy application onboarding using GitOps under strict compliance policy control.

- **Secure:**

Hardened Spinnaker with enterprise grade security, in-built secret management, and RBAC for users.

OpsMx Enterprise for Spinnaker

Easy Operation On-Prem or SaaS	Self-Service Onboarding	Enterprise Security	GitOps
Automated Workflows	Multi-Cloud Deployments	Safe-Deployment Strategies	Scalable and Extensible

KEY FEATURES ▼

Automated Workflows
Use easy to create and manage Spinnaker declarative pipelines to automate your application and infrastructure deployments.

Multi-Cloud Deployments
Achieve repeatable deployments without scripting and seamlessly deliver microservices or monoliths across multi-cloud.

Safe Deployment Strategies
Deploy your apps into Kubernetes safely with built-in strategies like canary and blue-green deployment.

Scalable and Extensible
Ensure smooth and painless enterprise-scale adoption with enterprise Spinnaker and pre-built integrations for CI/CD tools.

Easy Ops
Achieve continuous delivery from Day-1 without any hassle with managed or SaaS Spinnaker

Self-Service
Easily onboard Kubernetes or public-cloud accounts into Spinnaker using simple steps in the ISD UI.

Enterprise Security
Use production-grade security of hardened Spinnaker for authentication and role-based authorization of your team.

GitOps
Deploy complex applications into Kubernetes using Spinnaker pipelines triggered by Git events.

KEY BENEFITS ▼

High ROI with faster onboarding and support services to maintain and manage Spinnaker pipelines

No vendor lock-in by plugging OES on top of OSS Spinnaker

Deploy faster and frequently with support for multi-cloud and on-prem infrastructure

Enhance innovation with incremental delivery with safe deployment strategies

Delivery Software at scale using 40+ pre-built integration with Spinnaker

Removes the burden placed on SREs & Support and associated high operational expenses

OpsMx

AUTOPILOT
Intelligence Layer for CI/CD

BUSINESS CHALLENGES

Software delivery has many human steps involved, such as performance and quality verification of release, security and policy checks, and approvals of releases. However, the process is tedious and error-prone due to the deluge of data and tools involved in the CI/CD process. Secondly, it is complex and challenging to analyze every release as the number of deployments is increasing as per business needs.

OPSMX AUTOPILOT

OpsMx Autopilot is the intelligence layer for software delivery. Autopilot analyzes the risk of all changes at every stage in software delivery and ensures only quality software is released to production. Autopilot eliminates risks and vulnerabilities by implementing security checks and enforcing SDLC policies in delivery pipelines.

KEY FEATURES

ML-Based Automated Verification →

Make intelligence-driven data decisions

Autopilot helps DevOps and SREs automatically identify and mitigate risks at all stages of the CI/CD process- Build, Test, Deploy, and Production. It leverages AI/ML on logs and metrics to find regression, and provides root cause analysis for faster diagnosis.
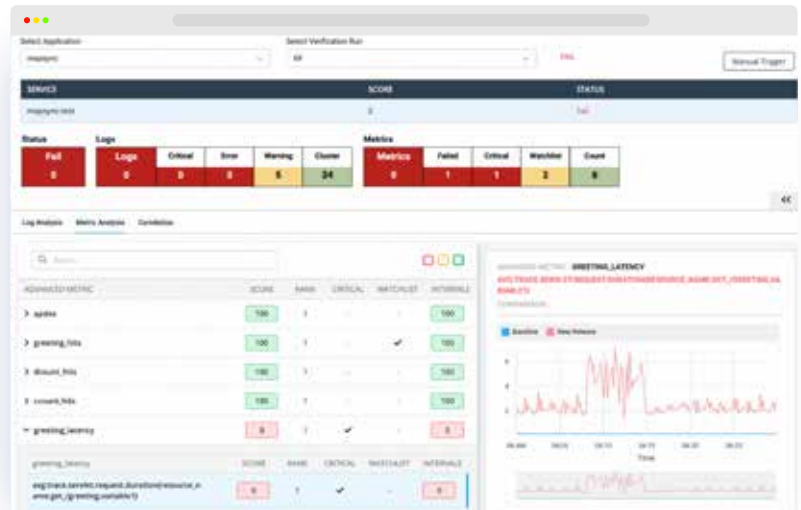
← Informed Approvals

Faster and Smarter Decision

Autopilot gathers information from various sources in the DevOps toolchain. Through automated data collection and rich insights, make the right decisions to optimize pipeline flow.

Continuous Governance and Security →

Automate Security and Compliance to speed flow and eliminate risk

The DevSecOps team can make security verification and compliance an integral part of the software delivery pipeline by quickly defining SDLC policies and enforcing them in the delivery pipelines.
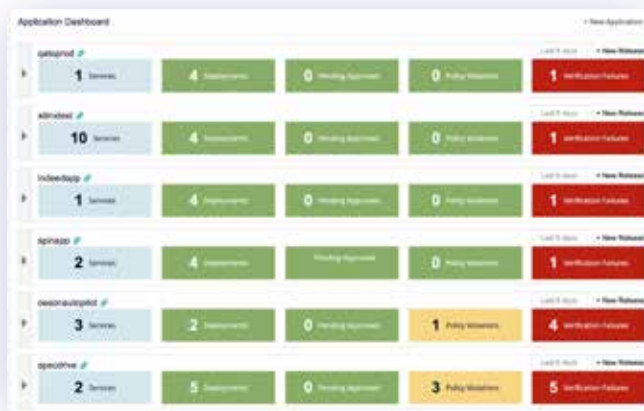
← Observability, Traceability, and Insights

Measure, Collaborate and Improve

Get real-time insights on application and deployment status, pending approvals, and an overview of software delivery performance with DORA metrics. Autopilot provides audit reports for a chosen period highlighting who, what, and when about pipeline execution and policy violations.

KEY BENEFITS ▼

- Reduce risks and errors in new software releases by up to 50%

- Save at least 3-4 hours per verification

- Perform faster and informed approvals

- Mitigate all security risks of every update before deploying to production

- 100% compliance to industry standards with automated policy enforcement

- Measure and monitor the performance of continuous delivery initiatives

Trusted by Leading Enterprises

ABOUT US

Founded with the vision of "delivering software without human intervention", OpsMx enables customers to transform and automate their software delivery process. OpsMx's ML-powered intelligent software delivery platform helps DevOps teams accelerate their software delivery, reduce risk, and decrease cost. Follow us on Twitter @Ops_Mx and learn more at www.opsmx.io.

FOR MORE INFORMATION, CONTACT US: OPSMX, INC | 350 OAKMEAD PKWY, SUNNYVALE, CA 94085 | INFO@OPSMX.COM | WWW.OPSMX.COM