OpsMx Secure CD

GitOps Meets DevSecOps for Fast, Secure, and Compliant Deployments

OpsMx Secure Continuous Delivery (Secure CD) is the first software delivery and deployment solution specifically designed for enterprise security and compliance. OpsMx Secure CD combines a comprehensive GitOps multi-cloud delivery and deployment platform with DevSecOps capabilities to automatically enforce and audit security compliance.

Use OpsMx Secure CD to automate and accelerate multicloud and Kubernetes deployments, manage security posture, automate approvals, block vulnerabilities, and enforce policy compliance.

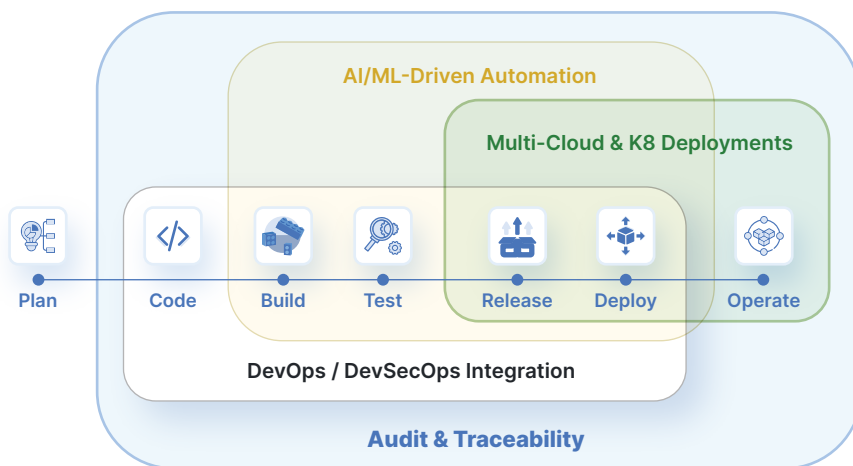## Speed: Enterprise GitOps and Automation

OpsMx Secure CD is built for GitOps, enabling automatic application updates across production environments anytime a new release is available. Organizations that need more control can easily add sophisticated automated workflows with security scans, performance testing, approval checks, or other controls. Throughout, capture and consolidate deployment metrics from across the organization.

Scale: Intelligent Continuous Delivery

OpsMx Secure CD uses intelligent automation to replace manual evaluations and approvals. Use AI/ML to automatically assess quality, readiness, and security of new release. Escalate to experts on an exception basis rather than for routine reviews and approvals.

Security: Secure Software Delivery and Deployment

OpsMx Secure CD enables a comprehensive approach to software supply chain security. Most tools focus on developer security or production security. Secure CD links the two, enabling code to cloud visibility, audit, and compliance. Enforce security policies, automate compliance reporting, block out of compliance deployments, and trace vulnerabilities.

Key Benefits:

Easy GitOps. Automatically trigger deployments when a new release is available.

Enterprise Controls. Add automated enforcement of enterprise release and security policies.

Reduce Team Workloads. Intelligent automation, not overtime.

Deployment Insights. Understand what's really happening in your environment.

Compliance and Audit Ready. Pre-defined rules and AI driven creation of new rules. Instant data access to a permanent store of audit data

Verify Shift-Left Security. "Trust but Verify" shift-left mandates to ensure development team compliance.

Secure CD Functional Architecture

Automated Deployments

- **Enterprise GitOps.** Automatically trigger deployments as new releases are committed.
- **Kubernetes Deployments.** Native support for container-based Kubernetes deployments.
- **Automated Workflows.** Add multi-step sequences of specific controls to the delivery process, including branching and conditional execution.
- **DevOps Orchestration.** Include popular DevOps tools like Jira, Terraform, or SonarQube in deployment workflows with 90+ out of the box integrations.
- **Progressive Delivery.** Built in support for canary, blue/green, and progressive deployments all with automated rollback.
- **Multi Cloud Support.** Optionally, add to Secure CD support for multi cloud and VM based deployments.

Enterprise Speed and Scale

- **Unified Dashboard.** Single enterprise view of the current status of application deployments across all environments.
- **DORA Metrics.** Comprehensive, industry standard metrics for the software deployment process.
- **Release Verification.** Evaluate new releases at scale by comparing them to current releases in production using AI/ML driven analysis of logs and metrics for a go, no-go, or rollback decision.
- **Automated Risk Scores.** Calculated for quality, performance, reliability, and security.
- **Automated Approvals.** Replace manual intervention with automated approval to move a release to next stage based on results of release verification or prior steps in the delivery workflow.

Delivery Firewall

- **Active Policy Enforcement.** Releases can be checked for policy compliance at any point in the software delivery process. Deployment of out of compliance releases can be logged, generate alerts, and/or blocked.
- **Deployment Preview.** Developers can simulate a deployment to check their release for compliance.
- **Automated Risk Scoring.** Block or allow releases based on AI/ML driven assessment of release quality, security, performance.

Audit and Compliance

- **Delivery Bill of Materials.** Supplement the software bill of materials (SBOM) with a complete record of every step in the delivery and deployment process.
- **DevOps Integrations.** Aggregate and retain data from 90+ popular DevOps, Security, IAC, and Operations tools with out of the box integrations.
- **Automated Audit.** Automatically capture and report every software delivery action.
- **Compliance Library.** Predefined rule set based on NIST 800-53, CIS Benchmarks, PCI-DSS, and HIPAA.
- **Rules Genie.** Generative AI to convert plain language policy statements into "policy as code" Rego scripts.

Vulnerability Tracing

- **Identify New Vulnerabilities.** Continuous monitoring for new vulnerabilities in deployed applications.
- **Trace Vulnerabilities in Production.** Identify which application instances on which servers contain the new vulnerability.
- **Manage Exceptions.** Capture time-bounded approvals to release with vulnerabilities, then generate alerts when they expire.

ABOUT US

OpsMx simplifies and intelligently automates secure software delivery, enabling hundreds of thousands of developers at Google, Cisco, Western Union, and other leading global enterprises to ship better software faster. OpsMx is the first platform specifically designed to securely deploy applications in container, virtual machine, and multi-cloud environments.

FOR MORE INFORMATION, CONTACT US:

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