OpsMx Solutions for Argo

OpsMx extends the power of open source Argo with enterprise visibility, security, and compliance backed by ongoing support for your existing Argo implementation

Argo CD + OpsMx: GitOps Deployment at Scale

Argo CD has quickly become the go-to deployment solution for Developer, DevOps and Platform teams, offering a declarative continuous delivery tool for Kubernetes-native applications. Argo is easy to set up, easy to run, and backed by an active open source community. As Argo implementations grow and take on critical enterprise applications, however, enterprises are finding that open source Argo by itself is not enough. This is where OpsMx can help, with expertise gained building some of the world's largest open source CD implementations.

OpsMx Argo Enterprise Extensions

OpsMx extends the power of open source Argo with stand-alone modules that address the specific challenges of enterprise security and scalability. Use these extensions with your existing open source Argo implementation.

Visibility and Insights
Centralized management of your distributed Argo implementation

- **Visibility and Controls** of current application deployment status and current Argo CD status gathered from across multiple Argo instances and presented in a single unified dashboard.
- **DORA Metrics** Comprehensive, industry standard metrics for software deployment process performance.
- **Security and RBAC** to define granular controls and set guardrails that limit visibility to applications for which the user is responsible.

Delivery Intelligence
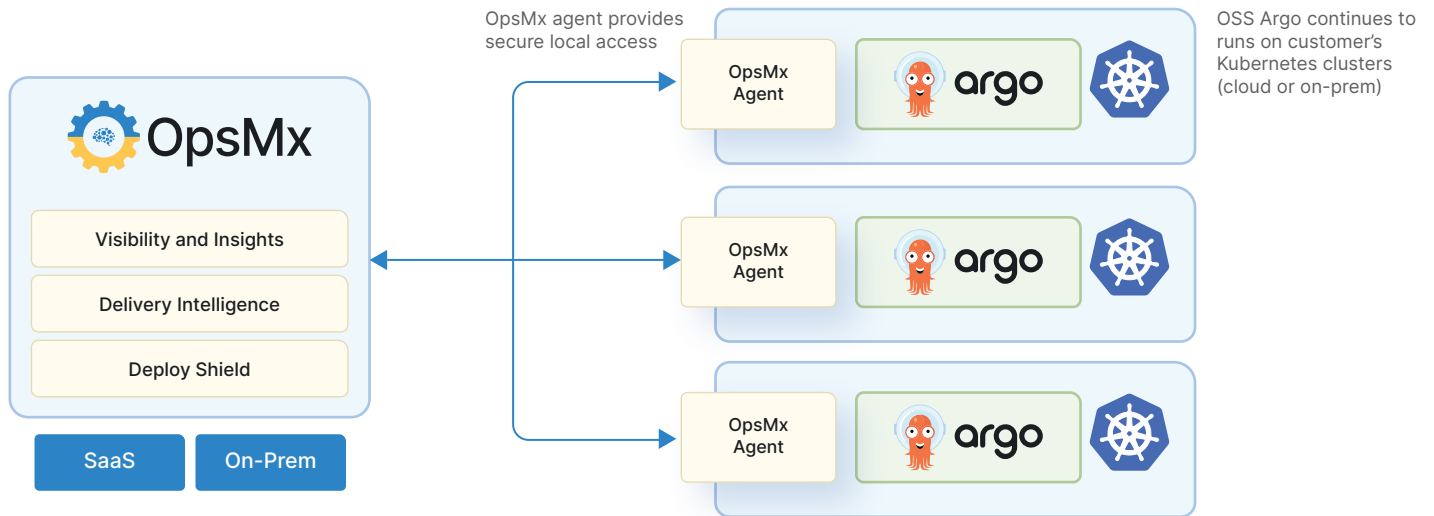*Automatically evaluate new releases*

- **Automated Verification** of new releases at scale by comparing them to current releases in production using AI/ML driven analysis of log and metrics for a go, no-go, or rollback decision.
- **Automated Risk Scores** for quality, performance, reliability, and security. Use default scoring out of the box or customize. Allow or escalate deployments based on scores.
- **Argo Rollouts Integration** to automate advanced deployment strategies - blue-green, canary, progressive.

Deploy Shield
Add DevSecOps to Argo CD

- **Deployment Firewall** to keep bad code out and prevent vulnerabilities from reaching deployments by continuously enforcing release policies such as vulnerability scans, approvals, and target system configuration.
- **Delivery Bill of Materials** expands the SBOM with a comprehensive record of the delivery and deployment process (who, what, when), gathered from Argo, Kubernetes, and 90+ DevOps tool integrations.
- **DevSecOps Dashboard** to understand security risks with deployments.
- **Automated Audit and Compliance** to capture and report if compliance rules were met or violated at any stage.
- **Predefined Compliance Policies** based on NIST 800-53, with AI utility to add more.

OpsMx agent provides secure local access

OSS Argo continues to runs on customer's Kubernetes clusters (cloud or on-prem)

OpsMx Secure CD

For customers looking for an integrated single vendor solution built on Argo CD, OpsMx offers Secure CD. OpsMx Secure CD combines open source Argo provided by OpsMx with OpsMx Deploy Shield for release compliance and security, and OpsMx Enterprise Support. With Secure CD, developers can deploy applications into any managed Kubernetes cluster–faster, safer, and at scale with AI/ML-driven automated advance deployments combined, automated policy enforcement, and checks for 100% compliance.

OpsMx Argo-as-a-Service

For customers who want to use Argo but don't want another system to operate, OpsMx can deliver Argo as a Service.

- **Argo SaaS.** Enterprise Argo is available as a SaaS offering running on OpsMx infrastructure, backed by always-on support to maximize Argo availability and reduce downtime.
- **Argo Managed Services.** Your open source Argo running on your infrastructure managed by OpsMx's team of in-house Argo experts.

Argo Enterprise Support

24×7 no-excuses support for your Argo implementations
Quickly resolve implementation and operations issues with the help of OpsMx's Argo experts, so that you can focus on deploying more releases more quickly. 24 × 7 support backed by enterprise-grade response time SLAs.

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. Built on Argo and other key open source technologies, OpsMx is the first platform specifically designed to securely deploy applications in container, virtual machine, and multi-cloud environments.

FOR MORE INFORMATION, CONTACT US:

OPSMX, Inc | 350 OAKMEAD PKWY, SUNNYVALE, CA 94085 | INFO@OPSMX.COM | WWW.OPSMX.COM