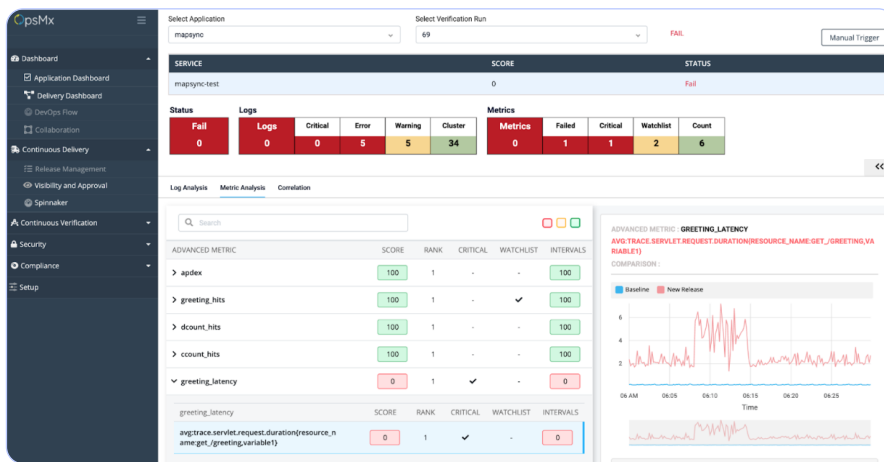# Delivery Intelligence for Argo

AI/ML automation to analyze and verify GitOps and Progressive Delivery

The OpsMx Delivery Intelligence for Argo module enables you to accelerate your application delivery by automating deployment analysis and release verification, reducing the operational complexity of managing multiple Argo instances and providing a fast and secure way to scale Argo and Kubernetes in the enterprise.

Delivery Intelligence for Argo Dashboard

Key Benefits :

Reduces errors and outages
Reduce time to identify errors in build, deploy, test, and production phases from hours to seconds with the built-in diagnostic features.

Increase security and compliance
Automatically verifies that releases are secure and compliant before releasing to production.

Improve developer productivity
By automating build failure assessment

Reduces the dependency on experts
who are required to analyze logs by leveraging machine learning

Improve operational efficiency
through management visibility and historical Insights

Improves business continuity
by continuous monitoring production systems

Provides seamless integrations
Easily integrates with all your monitoring and logging tools

Save Hours and Reduce Deployment Risk

DevOps team spends hours in diagnosing, troubleshooting issues, or identifying risks in build, deployment, test, and production stages of CI/CD. The process is error-prone and overwhelming to go through machine data manually, delays the time to move software from code check-in to release through Argo Rollouts.

Delivery Intelligence for Argo seamlessly integrates with Argo Rollouts to automatically provide continuous feedback to your DevOps team by finding bugs with the underlying cause of failures and assessing risks in all the stages of the deployment pipeline.
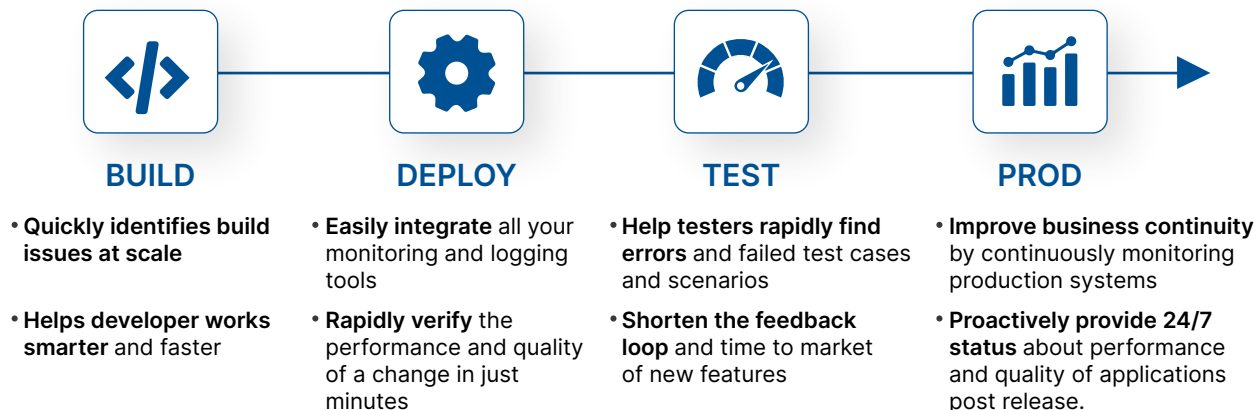
Automatically Verify Release Readiness

With the cost of application downtime rising quickly and modern CI/CD systems enabling faster and more frequent software releases, the importance of verifying releases and assessing their potential impact on the business, before and after deployment to production, has never been greater.

Delivery Intelligence for Argo automatically verifies release, compliance, and governance policies. It can automate decisions based on policy checks and raise alerts of any release deviations from past behavior to ensure any risks are mitigated.

CONTINUOUS RELEASE VERIFICATION AT EACH STAGE OF CI/CD

Delivery Intelligence for Argo is an intelligent continuous verification platform that enhances and maximizes analysis, performance and quality measurement at every stage of the CI/CD pipeline

BUILD

- **Quickly identifies build issues** at scale
- **Helps developer works smarter** and faster

DEPLOY

- **Easily integrate** all your monitoring and logging tools
- **Rapidly verify** the performance and quality of a change in just minutes

TEST

- **Help testers rapidly find errors** and failed test cases and scenarios
- **Shorten the feedback loop** and time to market of new features

PROD

- **Improve business continuity** by continuously monitoring production systems
- **Proactively provide 24/7 status** about performance and quality of applications post release.

Continuous Verification

Identifies and mitigates risks at all stages of the software development process. It provides a continuous risk assessment of software builds, automated test cases, and deployment releases in a single pane, and informs and notifies stakeholders of the confidence level for promoting a release to the next stage.

Automated Decisioning

Transform Argo CD and Argo Rollouts into a fully autonomous pipeline by verifying new application deployments based on errors, exceptions, and performance. Automate rollbacks or deploy approvals based on machine learning algorithms.

Deployment Analytics

Powered by advanced AI/ML algorithms that enable large-scale ingestion of logs and metrics from monitoring tools to understand production health post deployment and enable further diagnosis and triage.

Seamless Toolchain Integration

Out-of-the-box integrations for log analyzers and APM tools you have already invested in. Seamless integration with monitoring tools, fetch data, analyze data, and prescribe results about build, deploy, test, and prod verification.

OpsMx provides a range of services, including CI/CD strategy, Argo onboarding, support, and training. OpsMx's proven onboarding process achieves Continuous Delivery in just 30 days. Talk to us now by sending an email to info@opsmx.io or complete the Contact Us form on our website.

ABOUT US

OpsMx is a leading provider of Argo for enterprise usage. OpsMx offers 24×7 support for Open source Argo and Enterprise extensions for security, application on-boarding, and continuous verification. OpsMx has offices in the United States, Europe, and India.