

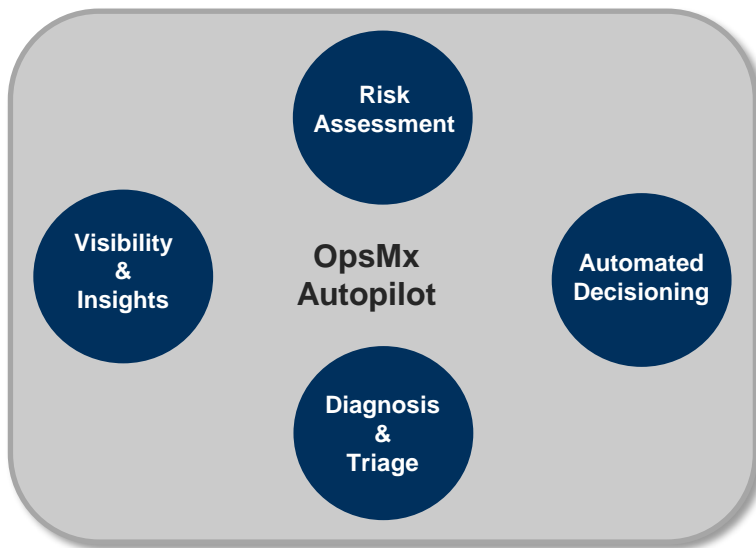
AUTOPILOT

INTELLIGENT CONTINUOUS VERIFICATION PLATFORM FOR ANY CI/CD

Autopilot is an AI/ML-powered Continuous Verification platform that verifies software updates across deployment stages, ensuring their safety and reliability in production. It automates new release verification, reducing time-consuming and error-prone manual verification processes and accelerating the overall deployment process.

BUSINESS CHALLENGES

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. Currently, DevOps teams manually analyze large volumes of operational data, logs, and metrics against acceptance criteria to verify a release's fitness for the next stage of deployment. With release velocities accelerating and organizations now releasing many times a day, time consuming manual verification processes have become a bottleneck, lacking the speed and scalability required to support modern software delivery.



 The Four Pillars of Continuous Verification

INTELLIGENT CONTINUOUS VERIFICATION

Autopilot is an intelligent Continuous Verification Platform that enables enterprises to identify and mitigate 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. AutoPilot is 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.

KEY FEATURES

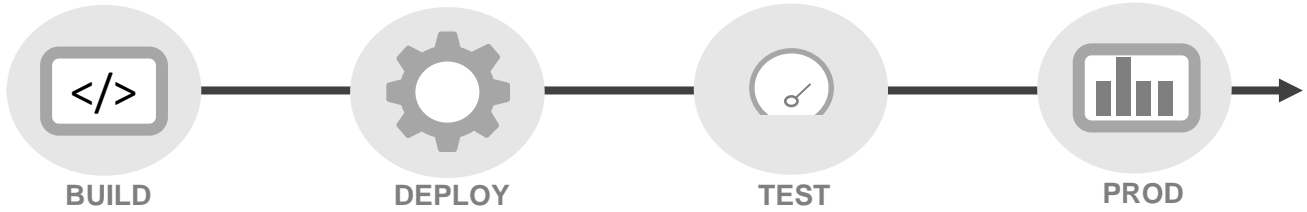
- **Risk Assessment:** AutoPilot understands the risk of new releases at each stage (build, test, deploy, prod)
- **Automated Decisioning:** AutoPilot promotes releases to the next stage only when acceptance criteria have been met
- **Diagnosis and Triage:** AutoPilot leverages AI/ML technologies to investigate and find the root cause of releases abnormalities
- **Visibility and Insights:** AutoPilot provides a real-time consolidated view of deployment statuses such as latency, resource usage, build/test case failures

KEY BENEFITS

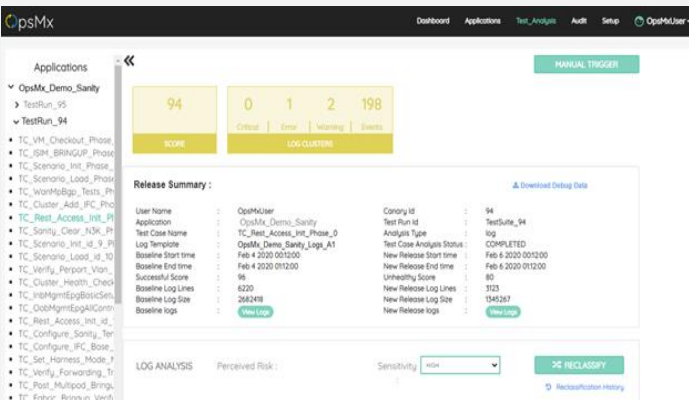
- **Increase business velocity and continuity** by reducing risks and errors in new software releases by up to 50%
- **Reduce MTTI and MTTR issues** in the continuous deployment of releases
- **Reduce product failures by 3X** with risk assessment during blue-green deployment or canary releases
- **Ensure reliability and sustainability** of updates to production
- **Eliminate dependency on experts** and save 3-4 hours per verification
- **Increase collaboration** among DevOps and Infrastructure teams

CONTINUOUS RELEASE VERIFICATION AT EACH STAGE OF CI/CD

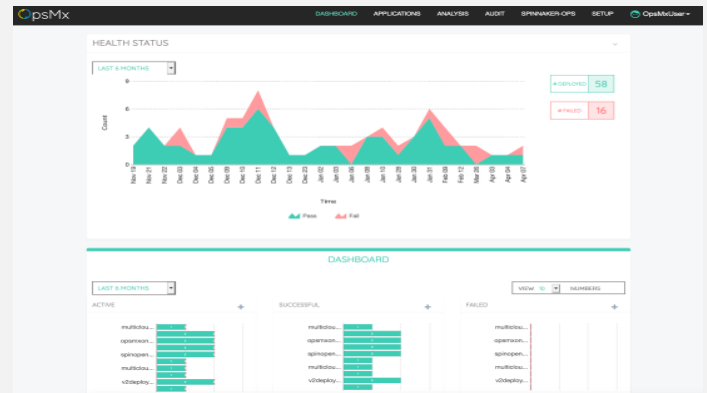
OpsMx Autopilot is an intelligent continuous verification platform that enhances and maximizes analysis, performance and quality measurement at every stage of the CI/CD pipeline



- **Quickly identifies build issues at scale** with any CI/CD tool
- **Helps developers work smarter** and faster
- **Easily integrate** all your monitoring and logging tools
- **Rapidly verify** the performance and quality of a change in just minutes
- **Help testers rapidly find errors** and failed test cases and scenarios
- **Shorten the feedback loop** and time to market of new features
- **Improve business continuity** by continuously monitoring production systems
- **Proactively provide 24/7 status** about performance and quality of applications post release.



▲ Risk assessment of test indicating poor confidence to be promoted for production stage



▲ Unified view of historical success and failure analysis of releases in build, deployment, testing and production stages.

INTEGRATIONS:

CI/CD

Monitoring Tools

Log Analyzers



ABOUT US

OpsMx is a leading provider of Open Enterprise Spinnaker. OpsMx offers 24x7 support for Open source Spinnaker and Enterprise extensions for security, application on-boarding, and continuous verification. OpsMx has offices in the United States, Europe, and India.

FOR MORE INFORMATION, CONTACT US:

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