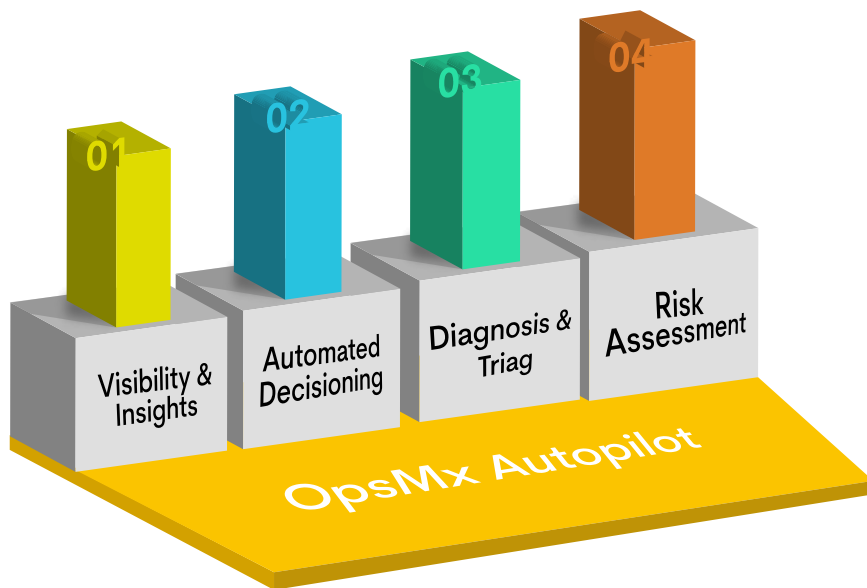# OpsMx

AUTOPILOT
Intelligence for any CI/CD

BUSINESS CHALLENGES

With modern CI/CD systems enabling faster and more frequent software releases, the importance of verifying releases and assessing their potential impact on the business is rising. 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 many releases planned per day, the manual verification process is time consuming, and non-scalable.

OpsMx Autopilot is the Data and Intelligence module of our ISD platform. It analyzes the risk of all changes, automatically determining the confidence that an update can be promoted to the next pipeline stage without introducing errors.

The Four Pillars of Continuous Verification

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
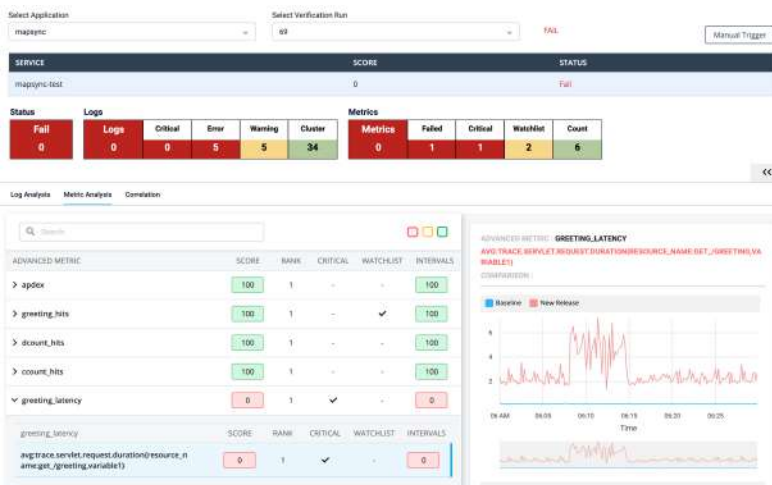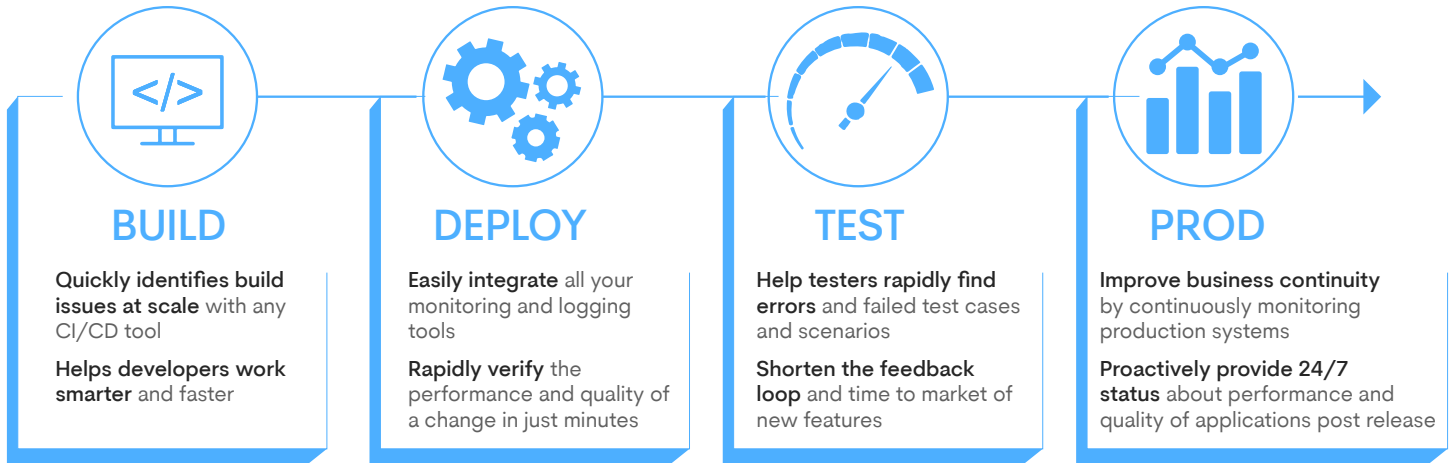
INTELLIGENT CONTINUOUS VERIFICATION

Autopilot 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 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

BUILD

Quickly identifies build issues at scale with any CI/CD tool

Helps developers work 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

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.

Trusted by Leading Enterprise

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