DATA SHEET

OpsCruise

INTELLIGENT OBSERVABILITY FOR MODERN APPLICATIONS

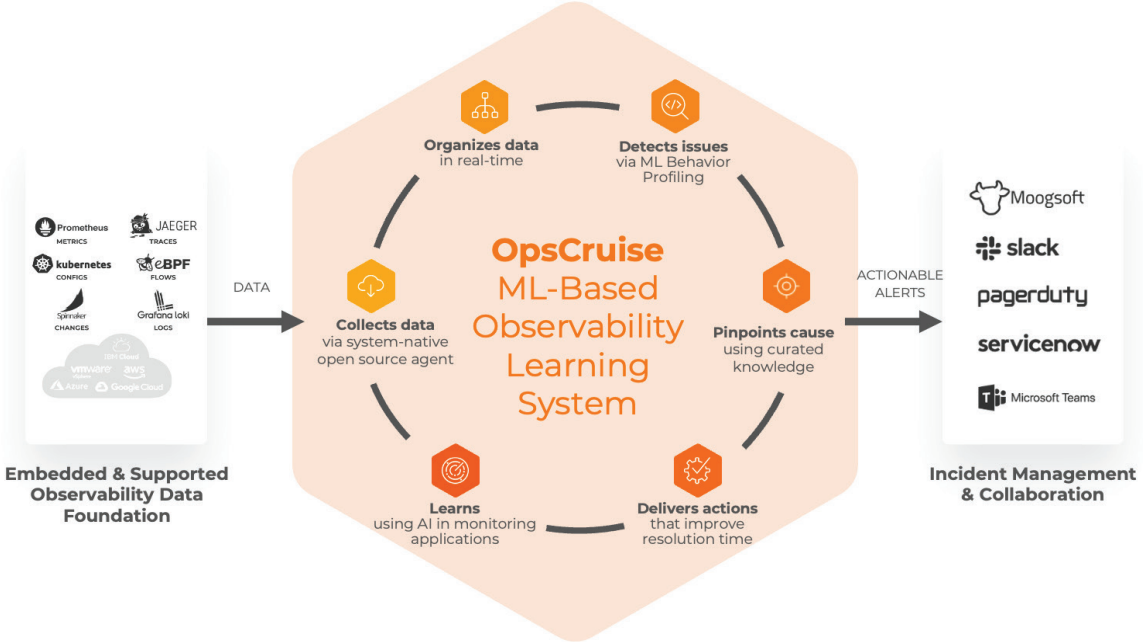
IT Ops Challenges with Modern Cloud Applications

Digital business is driving a fundamental shift to cloud-native applications to leverage scale, agile deployment and management. This class of application architecture presents: A larger number of thin components that communicate with each other in myriad ways, resulting in an explosion of performance-related event, log and tracing data, and creating unanticipated bottlenecks that move around the system as load conditions change.

These changes create enormous challenges for even the most sophisticated operations (Ops) teams to manage the performance and uptime of their applications. Current tools are unable to evolve to meet these challenges.

Autonomous Application Performance

OpsCruise addresses the challenge of managing application performance by providing SRE/Ops a first-of-its-kind autonomous dynamic performance assurance platform. Using its patented application-centric approach, OpsCruise provides automated visibility into application dependencies, detecting problems and isolating causes to reduce MTTD and MTTR. Our platform is unique in delivering intelligent observability for cloud-native applications:



1. Built natively on open source and standards based (OTel) monitoring instrumentation for Kubernetes, such as Prometheus, Istio, Fluentd, Loki and Jaeger without using any proprietary agents or touching the application code.

2. Coherently integrates configuration, metrics, flows, logs/events and trace data and automatically discovers all real time dependencies across application services.

3. Provides real time application performance monitoring using operational 'flow tracing' when code instrumentation is not possible, as well as unique TracePath technology, when tracing is used, to enable real-time problem detection and resolution.

4. Uses a novel ML-based application profiling that captures an application's Behavior Model that is used to predictively detect the onset of problems significantly reducing noise from false alerts.

5. Provides automated Root Cause Analysis using an AI decision tree that uses knowledge of diagnostics and learned aspects of the application to isolate causes when any anomalies are detected to reduce time to resolution.

6. Leverages unique time travel capability that captures complete application structure and behavior history to immediately identify changes that result in application problems, enabling more agile DevOps.

The resulting benefits positively impact both the top and bottom line: **increased uptime** through proactive problem resolution and greater **organizational agility** from improved SRE/DevOps productivity.

You can be observing with OpsCruise in less than 3 minutes – delivered as-a-service, or as software on your premise.

About OpsCruise

OpsCruise is venture funded and based in Santa Clara, CA. Our customers include Global 2000 customers from almost every industry vertical. Our technology is supported by issued patents and we've been recognized by Gartner as a leading Observability vendor. Our leadership are industry veterans and innovators with expertise in SRE, cloud native technologies and AI/ML.

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