# AIOps rocks! Global Vendor Selection Matrix™ winner and market leaders announced soon

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The rapid growth in volumes of data across applications, services and technology stacks is a huge challenge for IT Operation teams to derive meaningful insights. While traditional monitoring solutions focus on baselines and thresholds and human operators still need to wade through many screens to pinpoint the problem to take next steps, the adoption of Artificial Intelligence For IT Operations (AIOps) solution keeps rising. The first skeptics have overcome their fear around artificial intelligence, uncertainty, and doubt about what it'll bring. Fact is AIOps is here and can deliver tangible business value.

What is AIOps?

AIOps solutions equip IT Ops and other teams with improved analysis of volumes and categories of data to improve key processes, tasks and decision making. The adoption of these tools automates the ingestion of fast volumes of data, leverage machine learning to analyze the data, present findings to either predict or alert on issues, and provide for proactive automation or decision making. The solutions should support a broad set of stakeholders to observer, analyze, act, and predict upon a fast amount of data available. The following figure shares the response of 1,500 decision makers when asked "In which of the following areas are you applying AIOps today?":
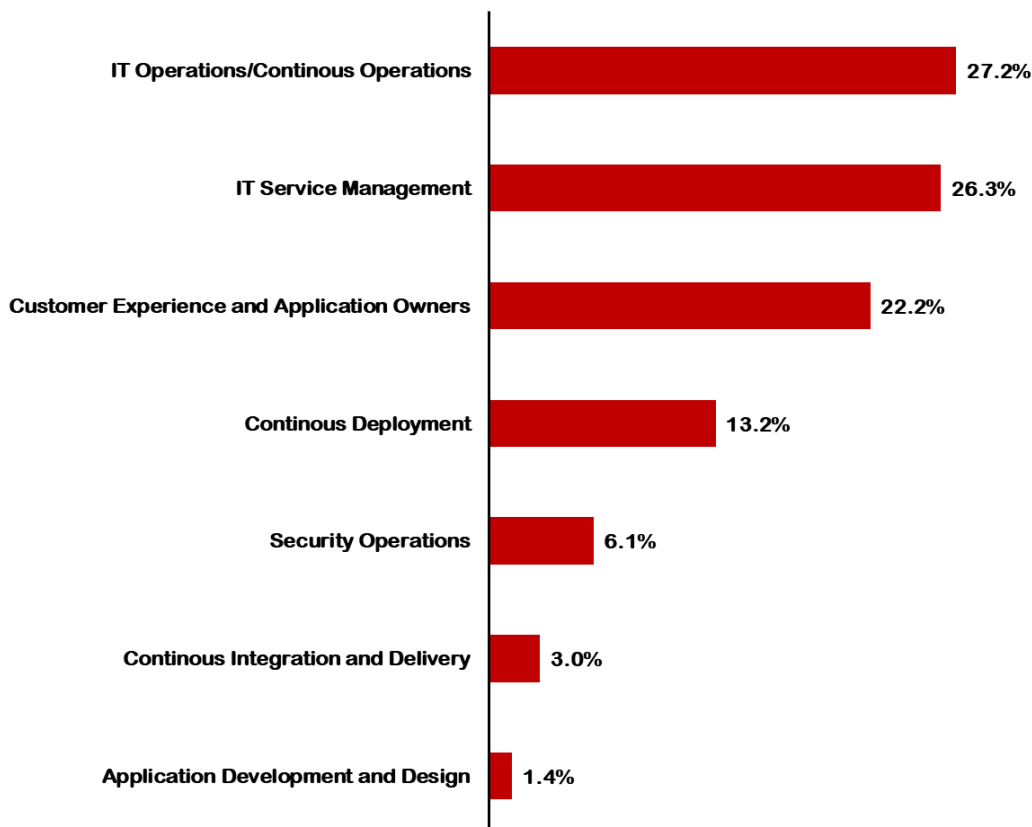
What are the market trends?

1. **The AIOps promise to provide end-to-end visibility is attractive.** Today's ecosystem consists of complex interdependent application stacks. Business services are supported through multiple applications layers atop of a broad and diverse infrastructure. Atop of the diverse infrastructure and application technologies, innovations such as serverless architectures and hybrid cloud ecosystems cause additional challenges to ensure available services. Existing monitoring tools might already be in place for the different layers of technologies but are not able provide end-to-end visibility.

   What this means: To avoid impact on business performance and customer experience, the move towards AIOps leveraging all metrics and details for a holistic perspective of health and performance requires both the integration into all existing data sources and inclusion of Artificial Intelligence and Machine Learning towards the data. The capability of AIOps platforms helps identifying patterns in the collected data and allows aggregation of raw data, logs and other details from various monitoring tools and data sources. If this is then projected onto a single dashboard allowing for additional analytics, IT operation teams gain a single-pane view.

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3. **AIOps brings existing silos together.** New best practice operating model such as SRE or DevOps have been adopted to reduce the silos among enterprise IT teams. While the adoption of DevOps at the enterprise level lies around 27% globally, SRE has recently become a popular operating model with 22% adoption globally. These new models require new monitoring capabilities. AIOps, now in its six year since introduction, is still in growth mode. APM solutions which are in place already, enable IT professionals with context and details related to their areas of responsibility but do not provide vulnerability and issues in the complex web of data and interrelated issues.

   What this means: Leveraging AIOps solutions which are excellent at data analytics can deal with complex broad data and artifacts across the different data silos. This extensive way of analyzing existing data and detecting

patterns, enables an improved problem detection difficult to spot with a siloed APM approach. Available insights across a specific technology or application stack brings together silos into a multidisciplinary team.

Who are the top 20 vendors in this space?

AVANTRA	Avantra
BIG PANDA	Big Panda
BMC	BMC Helix
BROADCOM	DX Operational Intelligence
CISCO (APPDYNAMICS)	AppDynamics
CLOUDFABRIX	CloudFabrix AIOps Platform
DIGITAL.AI (NUMERIFY)	Digital.ai AIOps Solutions (Formerly Numerify)
DIGITATE	ignio AIOps
DYNATRACE	Dynatrace Software Intelligence Platform
EXTRAHOP	Extrahop Reveal (X)
MICRO FOCUS	Operations Platform for Transformation, Intelligence and Cloud (OPTIC)
MOOGSOFT	Moogsoft Cloud
NEW RELIC	New Relic One
OPSRAMP	Opsramp OpsQ
RESOLVE	Resolve Insights
SCIENCE LOGIC	Science Logic SL1
SERVICENOW	ServiceNow IT Operations Management
SPLUNK	Splunk IT Service Intelligence
STACKSTATE	Stackstate
ZENOSS	Zenoss Cloud

Details on global winner and market leaders are coming soon. Stay tuned.

You only live once (YOLO).

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