



MODERN INFRASTRUCTURE AND MULTICLOUD

From Reactive to Proactive to Predictive and Beyond: AIOps Continues to Evolve



An AIOps Platform can:

Observe your infrastructure 24x7 for potential disruptions, so you don't have to.¹

Predict problems before they occur, delivering uptime improvements for your organization.¹

Leverage crowd-sourced customer fault and remediation data to prevent your infrastructure from experiencing outages previously faced by other organizations.¹

Costly and time-consuming reactive infrastructure management



Proactive and predictive infrastructure management

HPE InfoSight customers have achieved:

99.9999%

availability¹

86%

of issues are predicted and prevented¹

79%

lower IT operational expenses¹

AIOps toolsets can analyze vast amounts of data in real time, building on what is learned → data-driven operational decisions and recommendations that improve in precision and impact over time.



Today, AIOps platforms are autonomous remediation and self-healing systems. In the near future:



→ There will be a more deeply collaborative relationship between IT Operations teams and AI-driven systems for optimal insight and operational efficiency.

→ AI-based chatbots that can be leveraged to initiate discovery or provisioning tasks.

A combination of AI and machine learning technologies can be used to automate a wide variety of infrastructure management tasks:

- Data analysis and reporting
- Capacity planning
- Provisioning and configuration management
- Security threat identification and remediation
- Resource management and optimization
- Enhanced monitoring and alerting

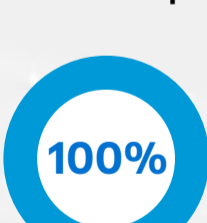


Another step in its evolution:

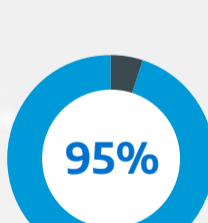
AIOps will further integrate with DevOps to streamline application development, application lifecycle management, and infrastructure operations management. This will improve coordination between application owners and IT operations, resulting in faster issue resolution and more efficient workflows.²

Observability tools that provide end-to-end full-stack visibility into IT infrastructures, distributed applications, and client-side endpoints will become more advanced, actionable insights.³

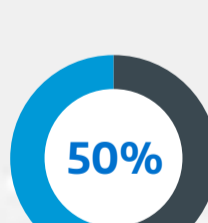
HPE OpsRamp has helped organizations with the most complex IT environments achieve:



visibility across the distributed ecosystem⁴



reduction in event noise and alert floods⁴



reduction in the average time to discover and resolve incidents⁴

As more organizations adopt hybrid cloud architectures, AIOps will increasingly be used to manage complex, distributed environments for seamless monitoring, issue resolution, and command and control.

Automation of routine IT tasks, including system provisioning troubleshooting and resource and performance optimization, will reduce repetitive and error-prone manual workloads.

How Connection Can Help

Connection is your partner for modern infrastructure and cybersecurity solutions and services. From hardware and software to consulting and customized solutions, we're leading the way in infrastructure modernization.

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Sources:

¹ HPE, Predict and Prevent Downtime with AIOps

² OpenSource, AIOps: Integrating AI with DevOps

³ ScienceLogic, 2023 Trends in AIOps, Observability, and ITOps

⁴ HPE OpsRamp, Modern IT Operations for the Modern Enterprise

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we solve IT™