

Autonomous IT Platforms

Turning Signals into Autonomous Operational Decisions at Scale

2026 CONSTELLATION SHORTLIST

The Constellation ShortList™ presents vendors in different categories of the market relevant to early adopters. In addition, products included in this document meet the threshold criteria for this category as determined by Constellation Research.

This Constellation ShortList of vendors for a market category is compiled through conversations with early adopter clients, independent analysis and briefings with vendors and partners.

ABOUT THIS SHORTLIST

Autonomous IT Platforms represent the next stage in the evolution of observability and AIOps. As IT environments have become more distributed, dynamic, and software-driven, visibility alone is no longer sufficient. Organizations need platforms that can observe what is happening, determine what matters, explain why it matters, and support timely and safe operational action.

These platforms combine core observability capabilities, such as collecting and correlating logs, metrics, traces, and events, with AIOps capabilities that apply analytics and machine learning to reduce noise, detect anomalies, and identify probable root causes. Increasingly, they also support AI-assisted SRE and operations workflows, where natural-language interfaces, guided analysis, and automated runbooks help teams investigate incidents, assess impact, and decide on next steps more efficiently.

Autonomous IT Platforms reflect a shift from reactive monitoring toward more adaptive and resilient operations. Early use cases focus on assisted incident response, operational intelligence, and reduced manual toil for SRE and IT operations teams. Over time, these platforms are expected to support more closed-loop scenarios, where detection, diagnosis, and selected remediation actions occur with minimal human intervention, guided by policies, approvals, and operational guardrails. As organizations adopt SRE, platform engineering, and AI-assisted operations, Autonomous IT Platforms are becoming central to scaling reliability and operational consistency.

LIKE WHAT YOU SEE?

Consider partnering with Constellation Research on your go-to-market-strategy. Email ShortList@ConstellationR.com for more info.

To learn more about Constellation Research Shortlists visit: www.constellationr.com/ShortList

14 SOLUTIONS TO KNOW

Constellation evaluates more than 35 solutions categorized in this market. This Constellation ShortList is determined by client inquiries, partner conversations, customer references, vendor selection projects, market share and internal research.

-  CIROOS
-  DATADOG
-  DEDUCTIVE.AI
-  DYNATRACE
-  ELASTIC
-  GRAFANA LABS
-  HONEYCOMB
-  IBM
-  LOGICMONITOR
-  NEW RELIC
-  OPENTEXT
-  RESOLVE.AI
-  SPLUNK (A CISCO COMPANY)
-  TRAVERSAL

THRESHOLD CRITERIA

Constellation considers the following core and differentiated criteria for AI Application Development Platforms:

Core Capabilities

- **Unified observability across logs, metrics, traces, and events**
Platforms must ingest and correlate multiple telemetry types to provide a consistent, service-centric view of system health and behavior.
- **Native AIOps capabilities for signal analysis**
Support for anomaly detection, alert correlation, noise reduction, and probable root cause analysis across distributed systems is required.
- **Dependency and service mapping**
Platforms should model relationships across applications, infrastructure, and services to support impact analysis and faster diagnosis.
- **Real-time monitoring, dashboards, and alerting**
Operational teams need live visibility, configurable thresholds, and timely notifications to respond to issues as they emerge.
- **AI-assisted SRE and operations workflows**
Support for guided investigation, natural-language interaction, and contextual insights that help SRE and IT operations teams understand incidents and coordinate response.
- **Scalable data ingestion and analysis**
The platform must support high data volumes and high-cardinality environments without degrading performance or query responsiveness.

Differentiated Capabilities

- **AI-assisted incident investigation and summarization**
Advanced platforms use AI to synthesize telemetry, change signals, and historical patterns into clear incident summaries and operational insights for SRE and IT operations teams.
- **Context-aware operational intelligence**
The ability to incorporate change data, service ownership, historical incidents, and operational policies to improve the relevance and accuracy of analysis and recommendations.
- **Predictive insights and proactive operations**
Use of historical and real-time data to anticipate potential issues, surface risks, and support preventive action before user impact occurs.
- **Automation and guided remediation**
Support for runbooks, workflow integration, and policy-controlled automation that enables faster resolution while maintaining governance and human oversight.

BUSINESS THEMES

-  **Technology Optimization & Innovation**
-  **Product-led Growth and Innovation**
-  **Data to Decisions**

ABOUT CONSTELLATION RESEARCH

As an award-winning Silicon Valley-based strategic advisory and futurist analyst firm, Constellation Research serves leaders and organizations navigating the challenges of digital strategy, business-model disruption and digital transformation. Constellation works closely with solution providers, partners, C-suite executives, board of directors, and its Constellation Executive Network of buy-side leaders to lead the way in research coverage and advise clients how to achieve valuable business results.

FREQUENCY OF EVALUATION

Each Constellation ShortList is updated at least once per year. Updates may occur after six months if deemed necessary.

EVALUATION SERVICES

Constellation clients can work with the analyst and the research team to conduct a more thorough discussion of this ShortList. Constellation can also provide guidance in vendor selection and contract negotiation.



Chirag Mehta VP & Principal Analyst

Chirag Mehta is Vice President and Principal Analyst focusing on cybersecurity, next-gen application development, and product-led growth. With over 25 years of experience, he has built, shipped, marketed, and sold successful enterprise SaaS products and solutions across startups, mid-size, and large companies. As a product leader overseeing engineering, product management, and design, he has consistently driven revenue growth and product innovation. He also held key leadership roles in product marketing, corporate strategy, ecosystem partnerships, and business development, leveraging his expertise to make a significant impact on various aspects of product success.

