

Dynatrace AI automates monitoring at a speed, scale and accuracy no human can match

The modern technologies that accelerate speed of innovation, enable hyperscale deployments, and promote business agility also make monitoring applications the same old way too difficult and labor-intensive. While traditional APM tools have gotten pretty good at correlating metrics, they still leave the heavy lifting — configuring thresholds, manually figuring out what went wrong and why — to you. But modern deployments have more dependencies and generate more data than humans can handle manually. AI automates the heavy lifting: all the discovery and analysis that takes teams of experts hours or days, AI does in milliseconds — more accurately, and at a lower total cost of ownership.

Fact Sheet

In under 5 minutes — without you having to configure a thing — Dynatrace AI gives you auto-everything.



Single agent installation

One single agent per host automatically instruments everything you have running & collects unified back- and front-end metrics for full-stack insights.



Automatic component discovery and mapping

All application components are detected automatically with no manual configuration. The entire application topology is mapped out in a real-time interactive Smartscape visualization.



Automated dependency detection

All causal dependencies between components are automatically detected throughout every tier of your application stack, and visualized in the Smartscape topology model.



Dynamic change auto-detection

New deployments are automatically detected, and Smartscape maps are updated in real time as your environment changes on the fly.



Smart auto-baselining

AI-powered multidimensional baselining learns what constitutes normal behavior—and dynamically adjusts to infrastructure or traffic-pattern changes.



Automated anomaly detection

Deviations between actual and predicted behavior are detected automatically and proactively, and prioritized by their actual or potential impact on customer.



Automated root cause analysis

Performance issues are automatically traced back to individual components, and artificial intelligence pinpoints the underlying root causes.



Automated problem remediation

Artificial intelligence recognizes multidimensional problem patterns to trigger auto-remediation procedures.



Smart alerts

One single notification describes the problem, the underlying root cause, and customer impact—no more alert storms!



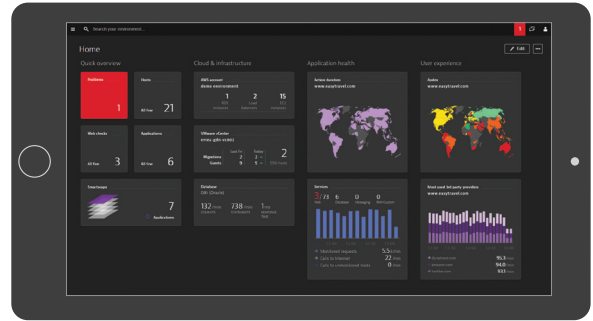
Instant replay

See an “instant replay” of how a problem evolved over time, and how various components were affected.

We don't just show you **what** happened, we tell you **why** — and what to do about it.

Only automated AI-powered monitoring can keep pace with today's speed of business

All the technologies that make it easier to be more agile and innovative—cloud, microservices, 3rd-party integrations — also introduce a level of complexity that makes manual monitoring just about impossible. AI can automatically comprehend dynamic environmental changes in real time, assimilate the vast amount of data, and make sense of it fast enough to identify the solution to problems before customers feel the impact.



Why can Dynatrace leverage AI when other vendors can't?

In a nutshell, it's because only Dynatrace captures the information that AI needs. Only Dynatrace can monitor the entire technology stack end to end, and only Dynatrace has complete, unified data for AI algorithms to work with.

Dynatrace captures 100% of all transactions — every swipe, every click, every user, 24x7 — across the full horizontal and vertical tech stack, with no gaps or blind spots. Other APM tools can't monitor the network, have trouble following applications through dynamic cloud instances, and can't see what's going on inside containers. And they rely on samples and snapshots to collect metrics. If AI

doesn't understand how everything in the environment works together or is fed data for only some transactions some of the time, the algorithms will find incorrect patterns, create inaccurate models, and draw erroneous conclusions.

And Dynatrace unifies its data. Other APM tools employ multiple different agents to collect metrics and store them in different silos, then stitch together the various data. Dynatrace connects the dots among metrics right at the point of collection. Every transaction is captured, and it's the transaction that is the unifying element that provides context for relationships among data points. Unified data is crucial for machine self-learning — an aspect of AI that becomes increasingly important as modern digital ecosystems become increasingly dynamic.

Get access to Dynatrace now to experience your environment in a totally new way!
Download your 15-day free trial: dynatrace.com/trial

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Dynatrace has redefined how you monitor today's digital ecosystems. AI-powered, full stack and completely automated, it's the only solution that provides answers, not just data, based on deep insight into every user, every transaction, across every application. More than 8,000 customers use Dynatrace to optimize customer experiences, innovate faster and modernize IT operations with absolute confidence.

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